

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080131.D
 Acq On : 16 Nov 2023 12:22
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 17 01:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	264598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	88185	20.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.360%#		
35) Dibromofluoromethane	8.171	113	63420	20.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.380%#		
50) Toluene-d8	10.571	98	236005	20.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.700%#		
62) 4-Bromofluorobenzene	12.853	95	88503	20.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80729	20.483	ug/l	100
3) Chloromethane	2.359	50	58910	19.880	ug/l	99
4) Vinyl Chloride	2.512	62	64965	20.716	ug/l	98
5) Bromomethane	2.959	94	41751	19.612	ug/l	98
6) Chloroethane	3.124	64	39432	19.250	ug/l	93
7) Trichlorofluoromethane	3.501	101	128570	19.654	ug/l	97
8) Diethyl Ether	3.959	74	36202	19.029	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	59790	19.997	ug/l	93
10) Methyl Iodide	4.595	142	63436	19.631	ug/l #	87
11) Tert butyl alcohol	5.518	59	45780	95.286	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	58528	20.928	ug/l	88
13) Acrolein	4.183	56	43378	102.021	ug/l	97
14) Allyl chloride	5.030	41	72118	20.497	ug/l	94
15) Acrylonitrile	5.718	53	130358	101.070	ug/l	99
16) Acetone	4.430	43	123996	84.499	ug/l	93
17) Carbon Disulfide	4.712	76	161280	19.314	ug/l	97
18) Methyl Acetate	5.024	43	88461	18.762	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	202596	20.514	ug/l	100
20) Methylene Chloride	5.271	84	65049	21.168	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	61979	20.173	ug/l #	83
22) Diisopropyl ether	6.671	45	165146	21.214	ug/l	94
23) Vinyl Acetate	6.600	43	502497	107.380	ug/l	93
24) 1,1-Dichloroethane	6.571	63	113107	19.949	ug/l	99
25) 2-Butanone	7.483	43	161377	92.561	ug/l	94
26) 2,2-Dichloropropane	7.494	77	114182	20.298	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	70592	20.266	ug/l	88
28) Bromochloromethane	7.812	49	47074	21.119	ug/l	95
29) Tetrahydrofuran	7.841	42	97951	104.646	ug/l	91
30) Chloroform	7.965	83	125509	19.805	ug/l	95
31) Cyclohexane	8.259	56	95592	20.119	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	124548	20.153	ug/l	98
36) 1,1-Dichloropropene	8.377	75	93371	20.535	ug/l	94
37) Ethyl Acetate	7.559	43	67645	21.448	ug/l	96
38) Carbon Tetrachloride	8.365	117	115147	19.956	ug/l	96
39) Methylcyclohexane	9.606	83	91074	20.773	ug/l	92
40) Benzene	8.606	78	261307	20.221	ug/l	99

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 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 01:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34485	19.910	ug/l	92
42) 1,2-Dichloroethane	8.671	62	104617	19.787	ug/l	96
43) Isopropyl Acetate	8.688	43	111503	18.168	ug/l	97
44) Trichloroethene	9.353	130	64887	19.142	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61985	20.640	ug/l	99
46) Dibromomethane	9.712	93	44874	19.740	ug/l #	86
47) Bromodichloromethane	9.888	83	100655	20.129	ug/l	99
48) Methyl methacrylate	9.682	41	65248	20.630	ug/l	90
49) 1,4-Dioxane	9.700	88	19327	367.311	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	332264	104.568	ug/l	98
52) Toluene	10.635	92	165143	20.420	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	102876	20.024	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	108376	20.647	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	61686	19.984	ug/l	97
56) Ethyl methacrylate	10.877	69	67068	21.269	ug/l	93
57) 1,3-Dichloropropane	11.165	76	106262	19.717	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	192968	108.623	ug/l	97
59) 2-Hexanone	11.200	43	252337	98.828	ug/l	96
60) Dibromochloromethane	11.359	129	74431	20.141	ug/l	100
61) 1,2-Dibromoethane	11.471	107	62815	19.948	ug/l	97
64) Tetrachloroethene	11.106	164	58335	20.141	ug/l	97
65) Chlorobenzene	11.894	112	176054	20.472	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	68333	20.476	ug/l	94
67) Ethyl Benzene	11.965	91	314166	20.531	ug/l	97
68) m/p-Xylenes	12.071	106	234376	42.008	ug/l	89
69) o-Xylene	12.400	106	109614	20.847	ug/l	86
70) Styrene	12.412	104	164547	21.025	ug/l	93
71) Bromoform	12.582	173	51127	20.659	ug/l #	98
73) Isopropylbenzene	12.694	105	299149	20.816	ug/l	99
74) N-amyl acetate	12.494	43	93716	20.911	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	82334	19.142	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	80576m	17.869	ug/l	
77) Bromobenzene	12.982	156	72698	20.064	ug/l	97
78) n-propylbenzene	13.035	91	329789	20.521	ug/l	99
79) 2-Chlorotoluene	13.129	91	213960	20.499	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	260155	20.795	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	27102	20.207	ug/l #	78
82) 4-Chlorotoluene	13.223	91	215709	20.173	ug/l	96
83) tert-Butylbenzene	13.441	119	205343	20.468	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	258827	21.011	ug/l	96
85) sec-Butylbenzene	13.618	105	260191	20.502	ug/l	100
86) p-Isopropyltoluene	13.729	119	239673	21.141	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	125399	19.209	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	127829	19.485	ug/l	97
89) n-Butylbenzene	14.059	91	193158	20.356	ug/l	99
90) Hexachloroethane	14.335	117	42796	19.363	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	121594	19.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19381	19.399	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	67219	18.501	ug/l	94
94) Hexachlorobutadiene	15.500	225	39078	18.690	ug/l	99
95) Naphthalene	15.641	128	199124	18.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	65650	19.278	ug/l	96

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Manual Integrations
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Supervised By :Mahesh Dadoda 11/17/2023

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 00:59:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

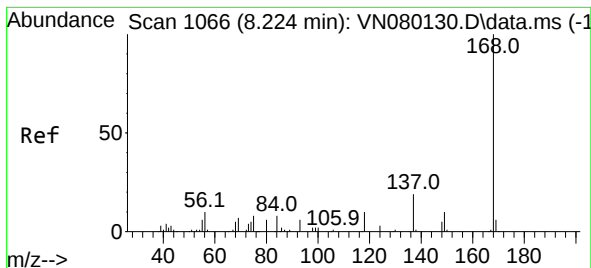
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Abundance

Time-->

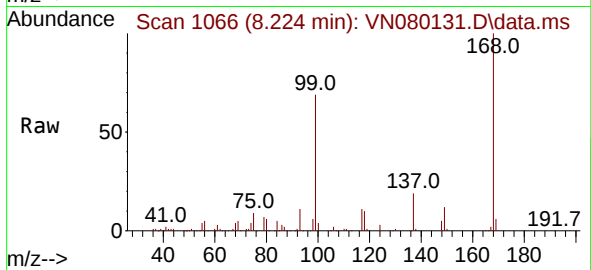
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Retention Time (min)	Compound Name
2.00	Dichlorodifluoromethane, T
2.10	Chloromethane, P
2.20	Vinyl Chloride, C
2.50	Bromomethane, T
2.70	Chloroethane, T
3.50	Trichlorofluoromethane, T
4.00	Diethyl Ether, T
4.10	Acrolein, T
4.20	1,1-Dichloroethene, T
4.30	Methoxybenzene, T
4.40	Acetone, T
4.50	Methyl Iodide, T
4.60	Carbon Disulfide, T
4.70	Methyl Acetate, T
4.80	Methylene Chloride, T
4.90	Tert butyl alcohol, T
5.00	Acrylonitrile, T
5.10	trans-1,2-Dichloroethene, T
5.20	1,1-Dichloroethane, T
5.30	Disopropyl ether, T
5.40	Vinyl Acetate, T
5.50	Ethyl Acetate, T
5.60	2,2-Dichloropropane, T
5.70	1,1,1-Trichloroethane, T
5.80	Methacrylonitrile, T
5.90	Chloroform, C
6.00	Pentachlorobenzene, T
6.10	Cyclohexane, T
6.20	1,1-Dichloropropane, T
6.30	1,1-Dichloroethane, T
6.40	1,2-Dichloropropane, T
6.50	1,2-Dichloroethane, T
6.60	1,2-Dichloroethane, T
6.70	1,2-Dichloroethane, T
6.80	1,2-Dichloroethane, T
6.90	1,2-Dichloroethane, T
7.00	1,2-Dichloroethane, T
7.10	1,2-Dichloroethane, T
7.20	1,2-Dichloroethane, T
7.30	1,2-Dichloroethane, T
7.40	1,2-Dichloroethane, T
7.50	1,2-Dichloroethane, T
7.60	1,2-Dichloroethane, T
7.70	1,2-Dichloroethane, T
7.80	1,2-Dichloroethane, T
7.90	1,2-Dichloroethane, T
8.00	1,2-Dichloroethane, T
8.10	1,2-Dichloroethane, T
8.20	1,2-Dichloroethane, T
8.30	1,2-Dichloroethane, T
8.40	1,2-Dichloroethane, T
8.50	1,2-Dichloroethane, T
8.60	1,2-Dichloroethane, T
8.70	1,2-Dichloroethane, T
8.80	1,2-Dichloroethane, T
8.90	1,2-Dichloroethane, T
9.00	1,2-Dichloroethane, T
9.10	1,2-Dichloroethane, T
9.20	1,2-Dichloroethane, T
9.30	1,2-Dichloroethane, T
9.40	1,2-Dichloroethane, T
9.50	1,2-Dichloroethane, T
9.60	1,2-Dichloroethane, T
9.70	1,2-Dichloroethane, T
9.80	1,2-Dichloroethane, T
9.90	1,2-Dichloroethane, T
10.00	1,2-Dichloroethane, T
10.10	1,2-Dichloroethane, T
10.20	1,2-Dichloroethane, T
10.30	1,2-Dichloroethane, T
10.40	1,2-Dichloroethane, T
10.50	1,2-Dichloroethane, T
10.60	1,2-Dichloroethane, T
10.70	1,2-Dichloroethane, T
10.80	1,2-Dichloroethane, T
10.90	1,2-Dichloroethane, T
11.00	1,2-Dichloroethane, T
11.10	1,2-Dichloroethane, T
11.20	1,2-Dichloroethane, T
11.30	1,2-Dichloroethane, T
11.40	1,2-Dichloroethane, T
11.50	1,2-Dichloroethane, T
11.60	1,2-Dichloroethane, T
11.70	1,2-Dichloroethane, T
11.80	1,2-Dichloroethane, T
11.90	1,2-Dichloroethane, T
12.00	1,2-Dichloroethane, T
12.10	1,2-Dichloroethane, T
12.20	1,2-Dichloroethane, T
12.30	1,2-Dichloroethane, T
12.40	1,2-Dichloroethane, T
12.50	1,2-Dichloroethane, T
12.60	1,2-Dichloroethane, T
12.70	1,2-Dichloroethane, T
12.80	1,2-Dichloroethane, T
12.90	1,2-Dichloroethane, T
13.00	1,2-Dichloroethane, T
13.10	1,2-Dichloroethane, T
13.20	1,2-Dichloroethane, T
13.30	1,2-Dichloroethane, T
13.40	1,2-Dichloroethane, T
13.50	1,2-Dichloroethane, T
13.60	1,2-Dichloroethane, T
13.70	1,2-Dichloroethane, T
13.80	1,2-Dichloroethane, T
13.90	1,2-Dichloroethane, T
14.00	1,2-Dichloroethane, T
14.10	1,2-Dichloroethane, T
14.20	1,2-Dichloroethane, T
14.30	1,2-Dichloroethane, T
14.40	1,2-Dichloroethane, T
14.50	1,2-Dichloroethane, T
14.60	1,2-Dichloroethane, T
14.70	1,2-Dichloroethane, T
14.80	1,2-Dichloroethane, T
14.90	1,2-Dichloroethane, T
15.00	1,2-Dichloroethane, T
15.10	1,2-Dichloroethane, T
15.20	1,2-Dichloroethane, T
15.30	1,2-Dichloroethane, T
15.40	1,2-Dichloroethane, T
15.50	1,2-Dichloroethane, T
15.60	1,2-Dichloroethane, T
15.70	1,2-Dichloroethane, T
15.80	1,2-Dichloroethane, T
15.90	1,2-Dichloroethane, T
16.00	1,2-Dichloroethane, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

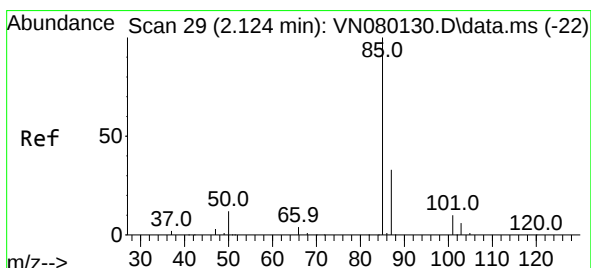
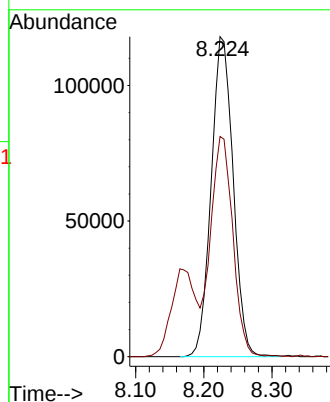
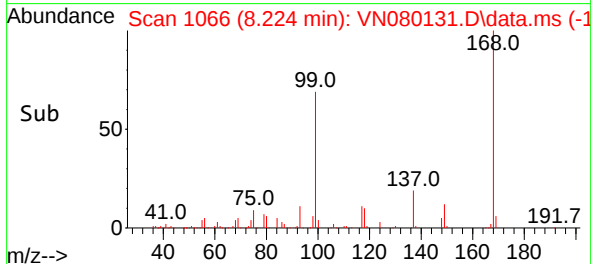
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 264598
Ion Ratio Lower Upper
168 100
99 68.6 53.0 79.6

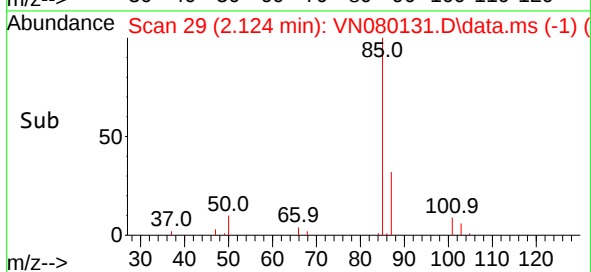
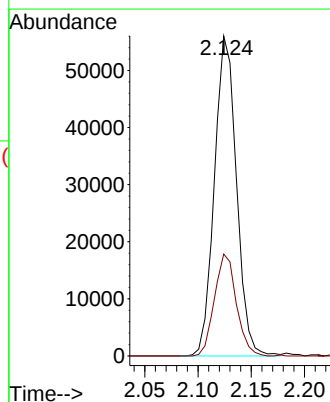
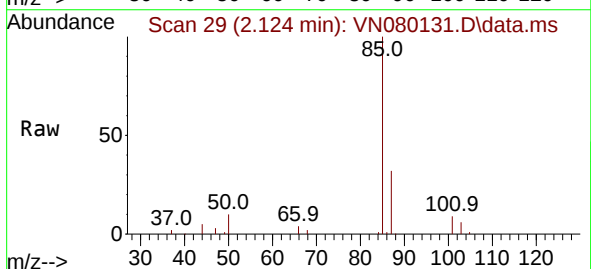
Manual Integrations
APPROVED

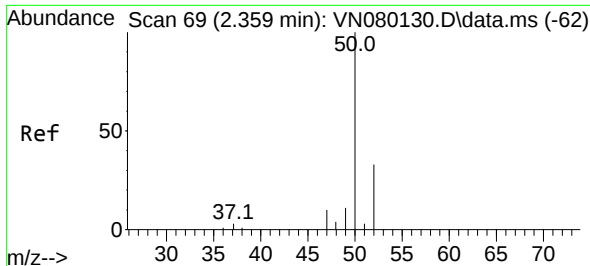
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 20.483 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 85 Resp: 80729
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





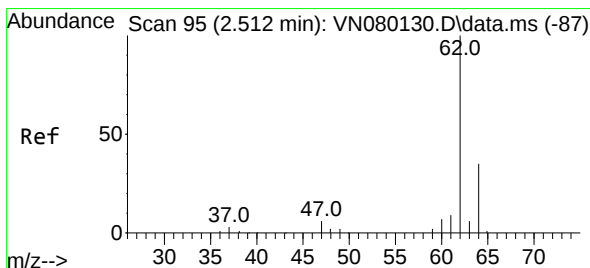
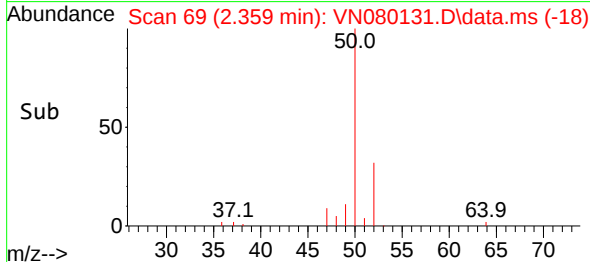
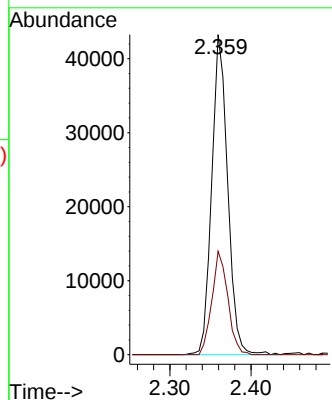
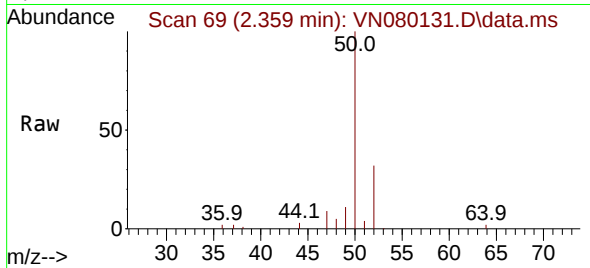
#3
Chloromethane
Concen: 19.880 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 58910
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

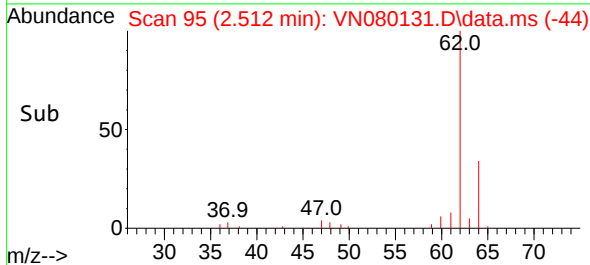
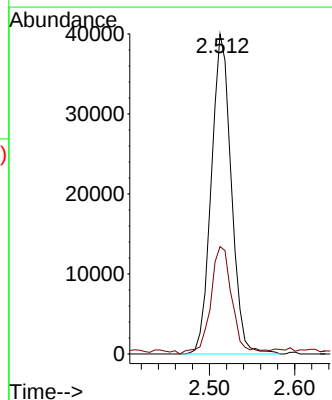
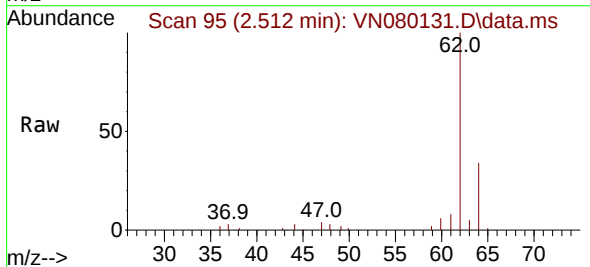
Manual Integrations
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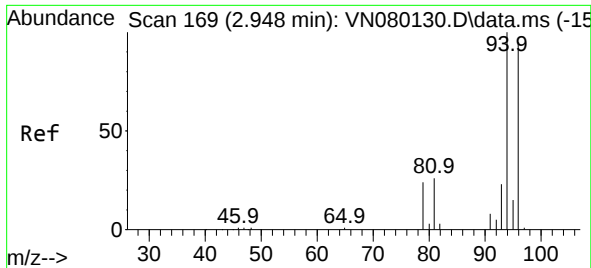
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 20.716 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 62 Resp: 64965
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2





#5

Bromomethane

Concen: 19.612 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 4175

Ion Ratio Lower Upper

94 100

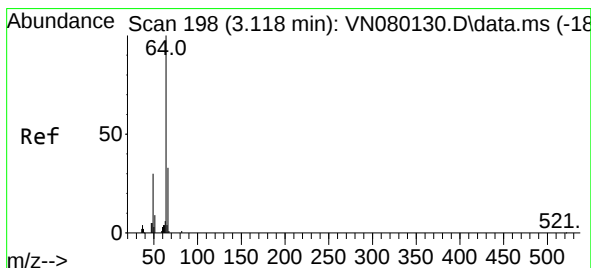
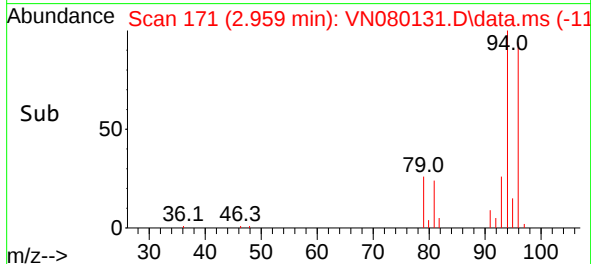
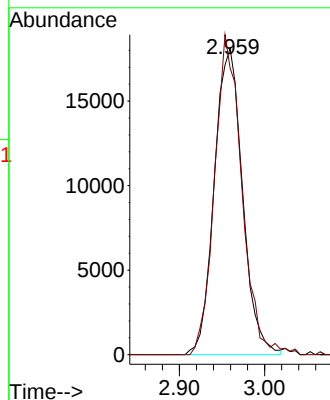
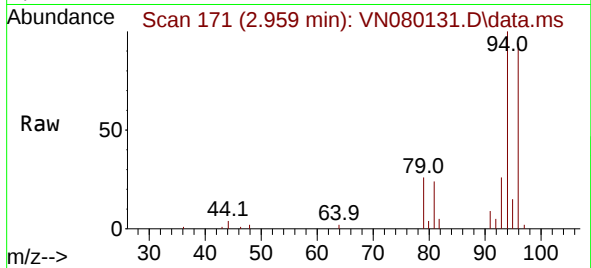
96 93.6 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#6

Chloroethane

Concen: 19.250 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080131.D

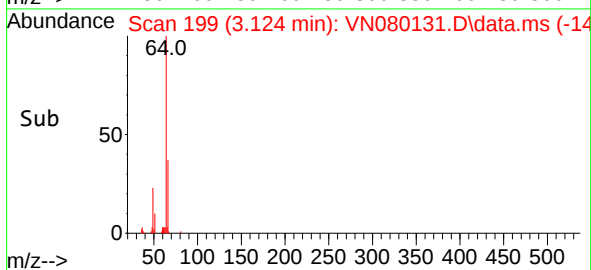
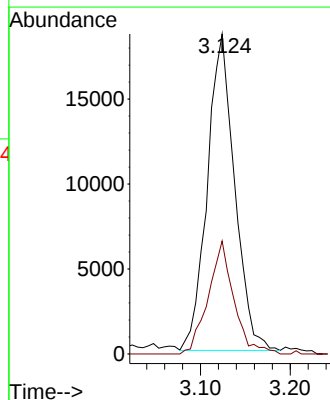
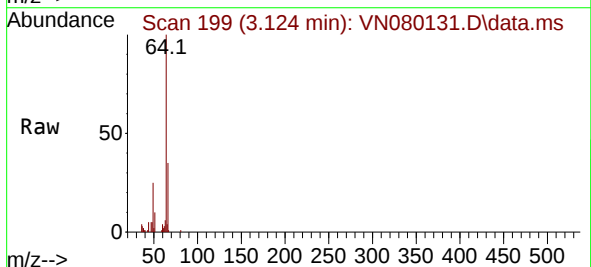
Acq: 16 Nov 2023 12:22

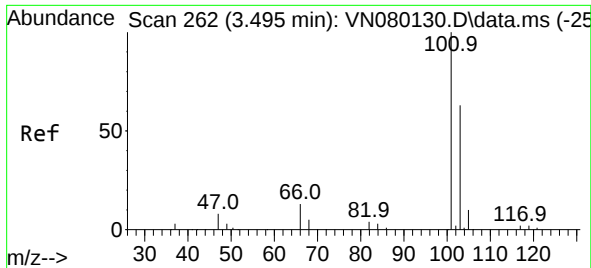
Tgt Ion: 64 Resp: 39432

Ion Ratio Lower Upper

64 100

66 35.7 25.4 38.2





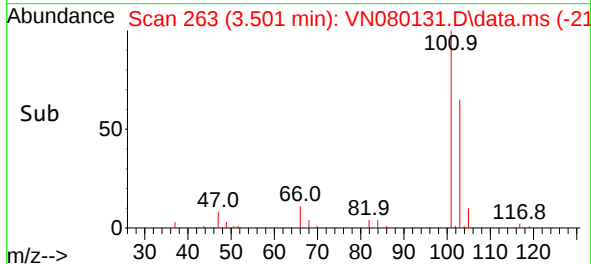
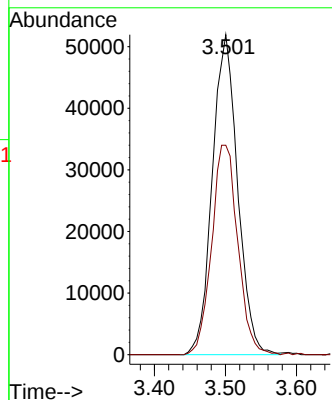
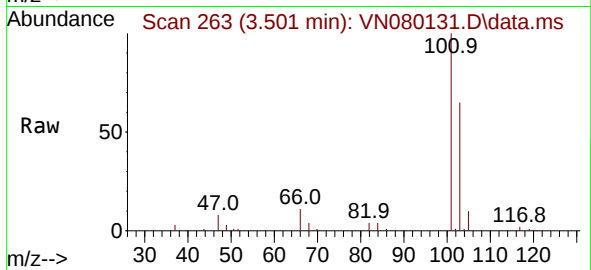
#7
 Trichlorofluoromethane
 Concen: 19.654 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 128570
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.7 76.1

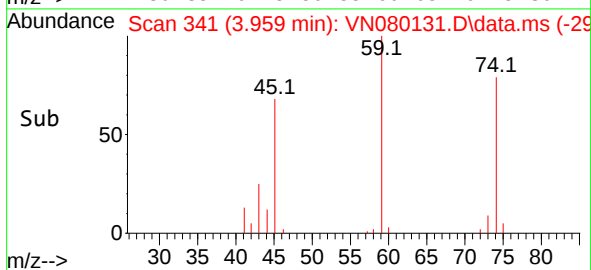
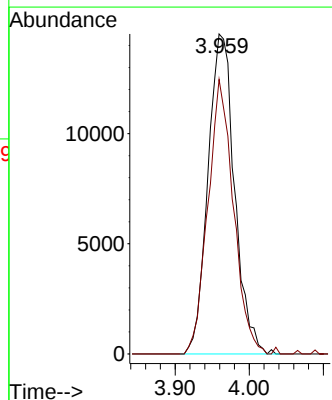
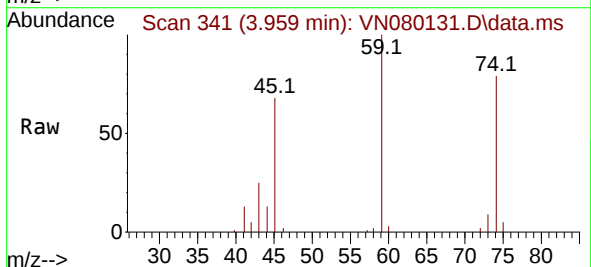
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#8
 Diethyl Ether
 Concen: 19.029 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Tgt Ion: 74 Resp: 36202
 Ion Ratio Lower Upper
 74 100
 45 82.3 34.4 103.3





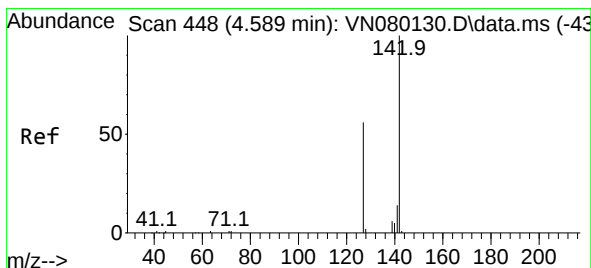
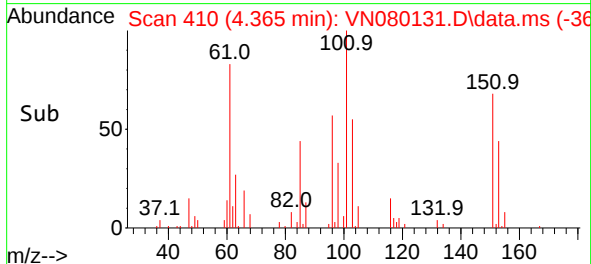
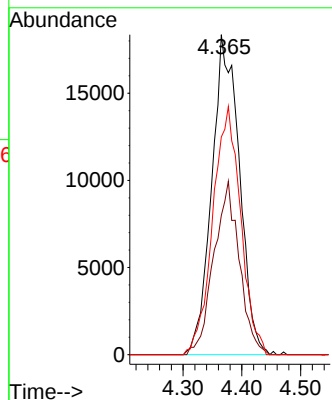
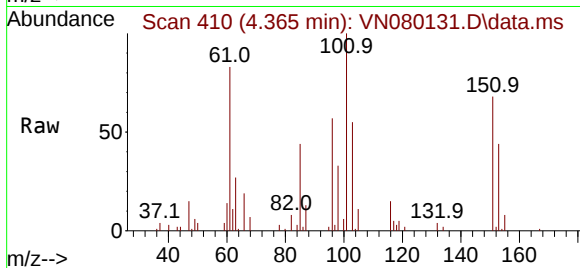
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.997 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 59790
Ion Ratio Lower Upper
101 100
85 50.3 36.6 55.0
151 78.4 57.6 86.4

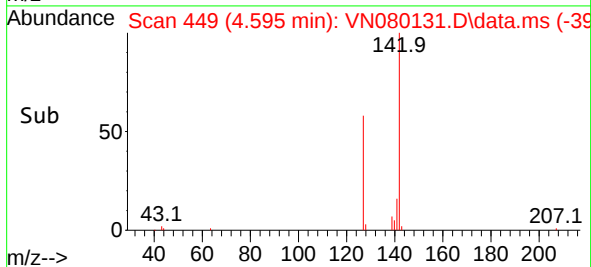
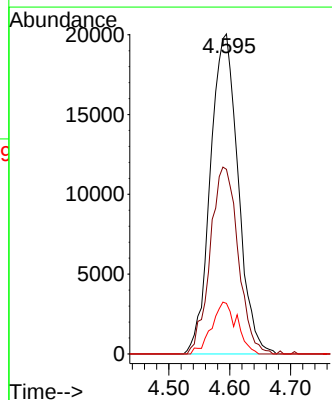
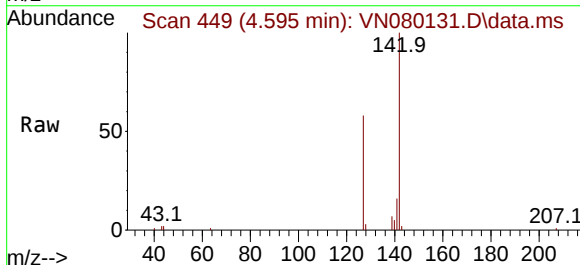
Manual Integrations
APPROVED

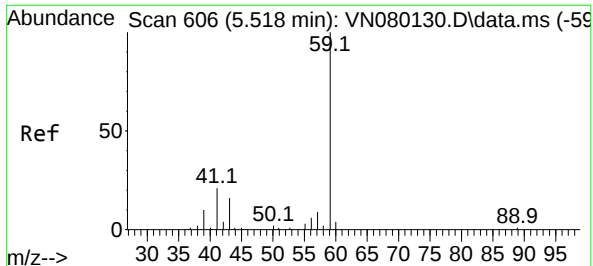
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 19.631 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

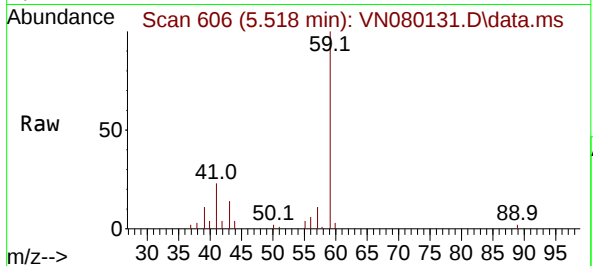
Tgt Ion:142 Resp: 63436
Ion Ratio Lower Upper
142 100
127 57.7 37.6 56.4#
141 15.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 95.286 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

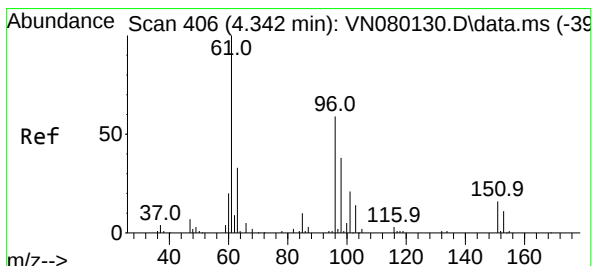
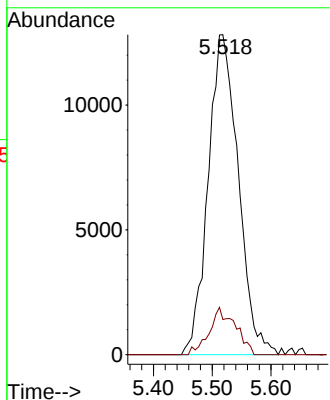
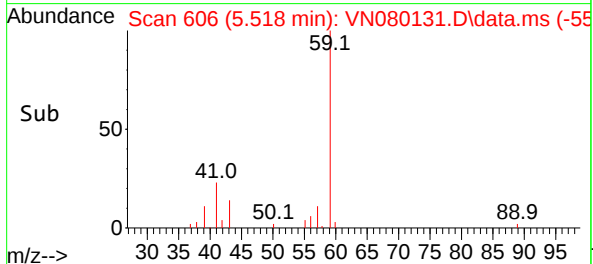
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



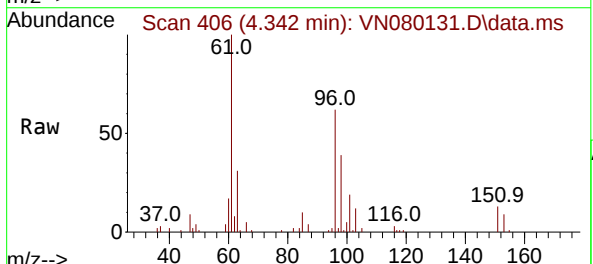
Tgt Ion: 59 Resp: 45780
Ion Ratio Lower Upper
59 100
57 12.8 8.2 12.4

Manual Integrations
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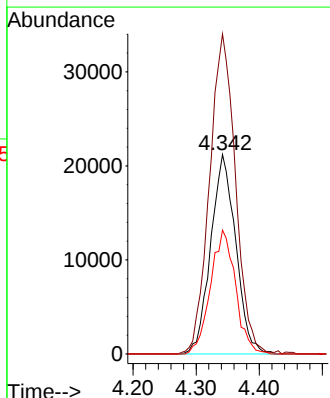
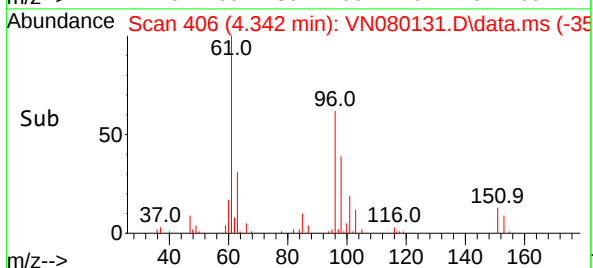
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 20.928 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 96 Resp: 58528
Ion Ratio Lower Upper
96 100
61 160.5 112.7 169.1
98 62.1 51.2 76.8





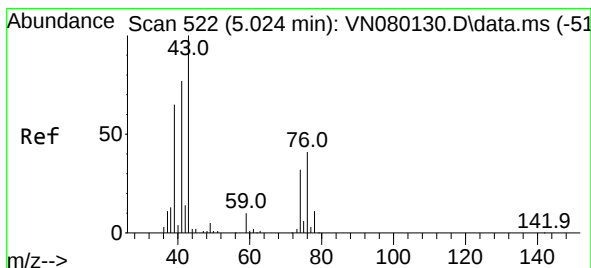
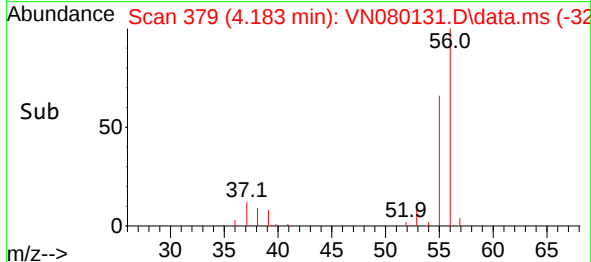
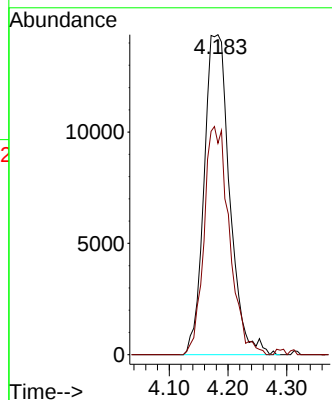
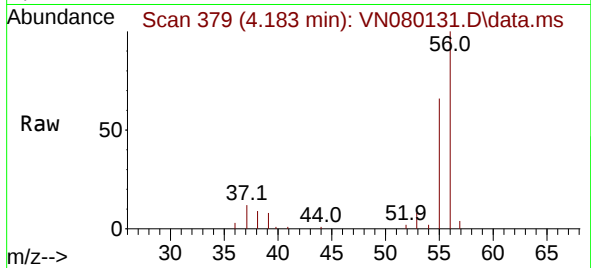
#13
Acrolein
Concen: 102.021 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 43378
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

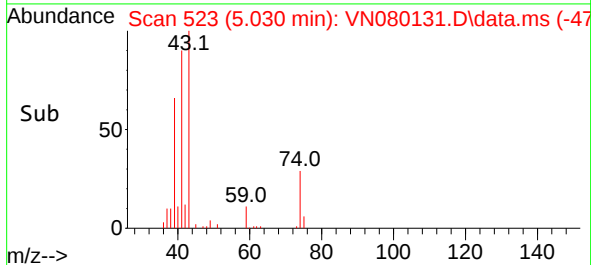
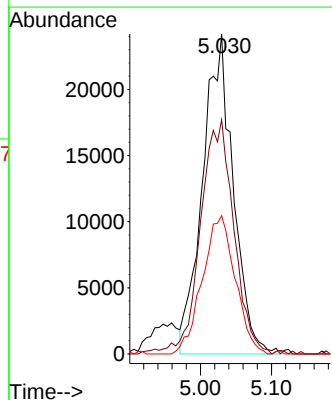
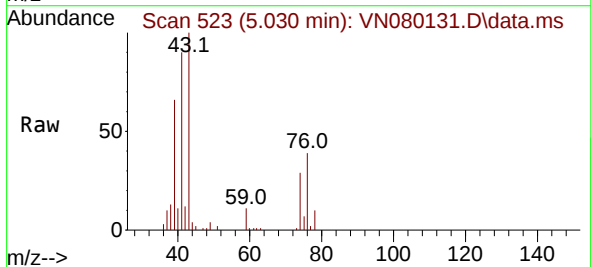
Manual Integrations
APPROVED

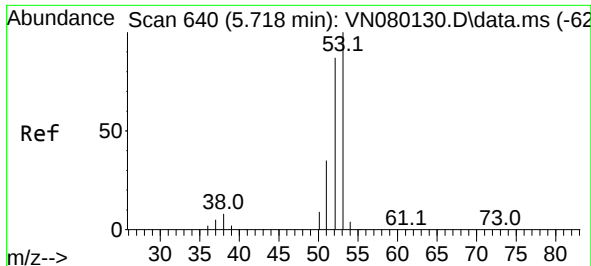
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 20.497 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

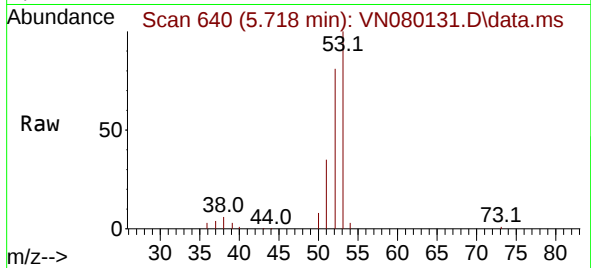
Tgt Ion: 41 Resp: 72118
Ion Ratio Lower Upper
41 100
39 80.1 58.8 88.2
76 46.6 39.1 58.7





#15
Acrylonitrile
Concen: 101.070 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

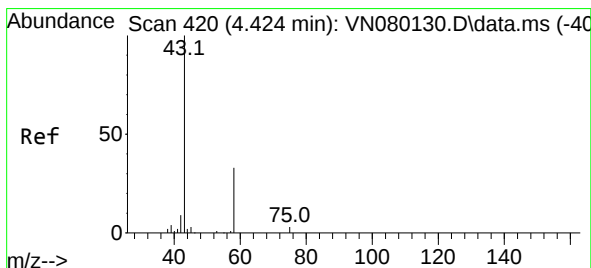
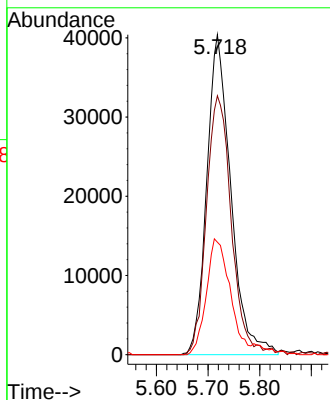
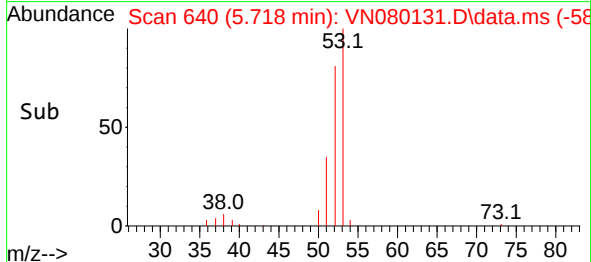
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 130358
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 35.8 28.9 43.3

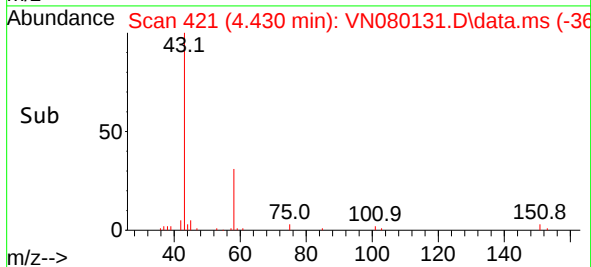
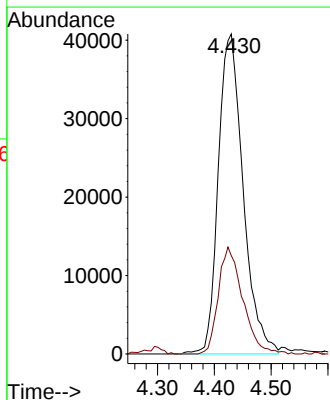
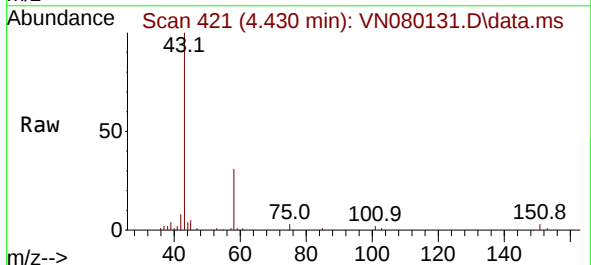
Manual Integrations
APPROVED

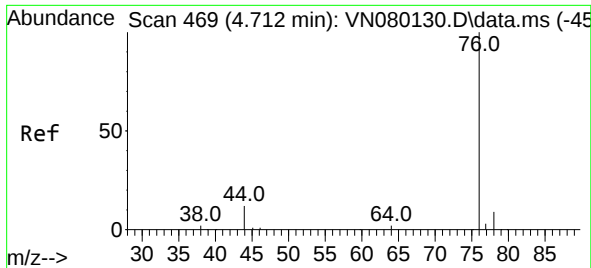
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 84.499 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

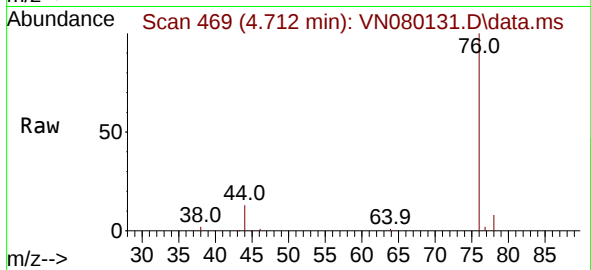
Tgt Ion: 43 Resp: 123996
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#17
Carbon Disulfide
Concen: 19.314 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

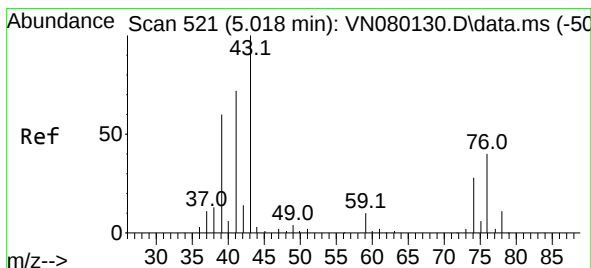
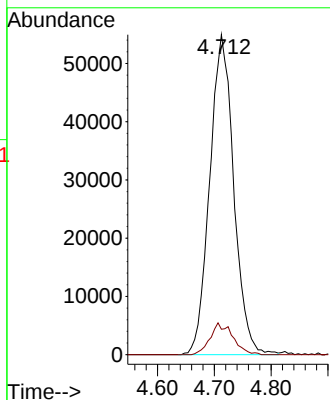
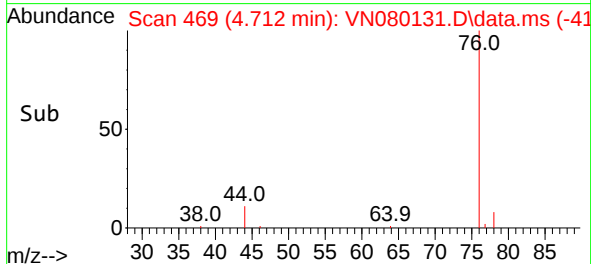
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 161280
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

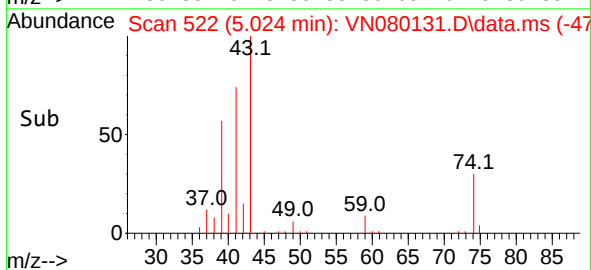
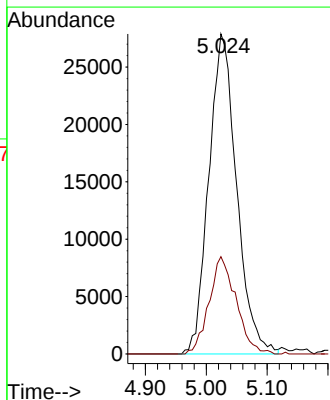
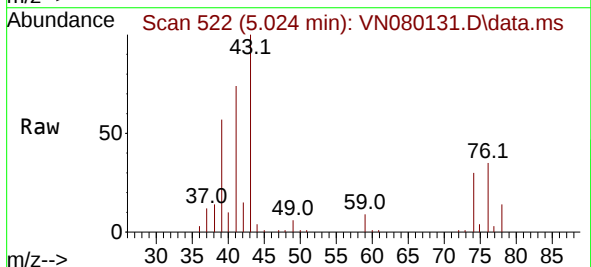
Manual Integrations
APPROVED

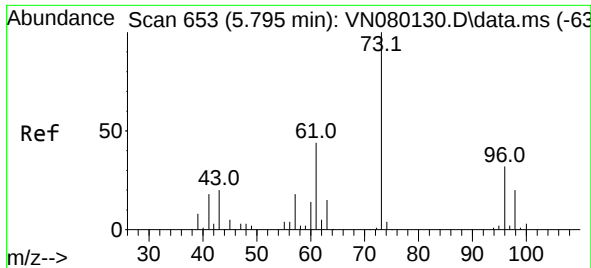
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 18.762 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 43 Resp: 88461
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





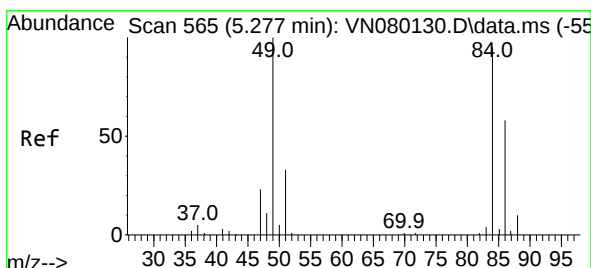
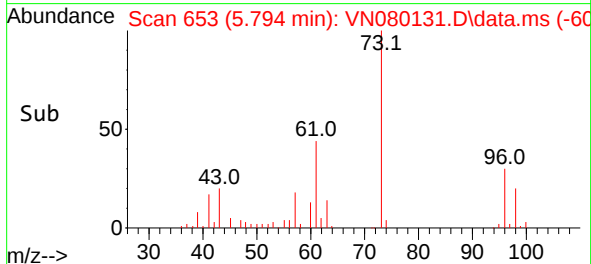
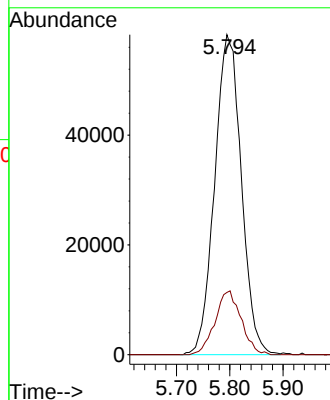
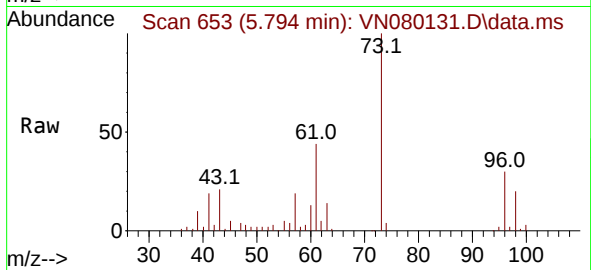
#19
Methyl tert-butyl Ether
Concen: 20.514 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 202590
Ion Ratio Lower Upper
73 100
57 19.5 15.6 23.4

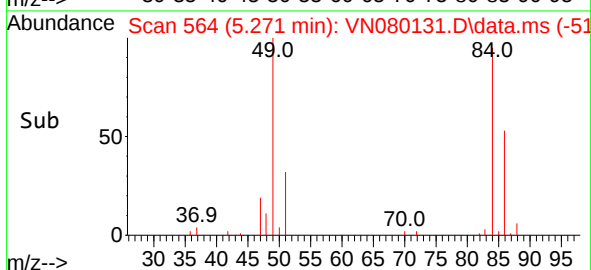
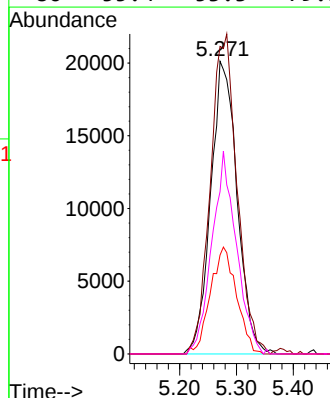
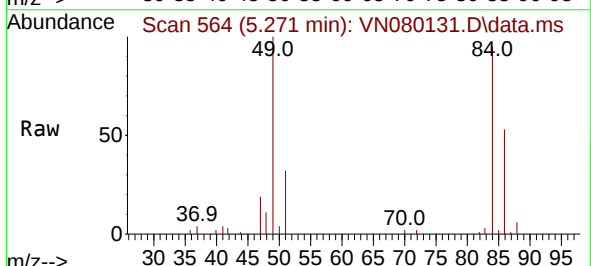
Manual Integrations
APPROVED

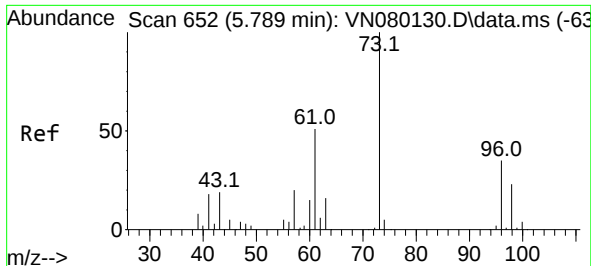
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 21.168 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

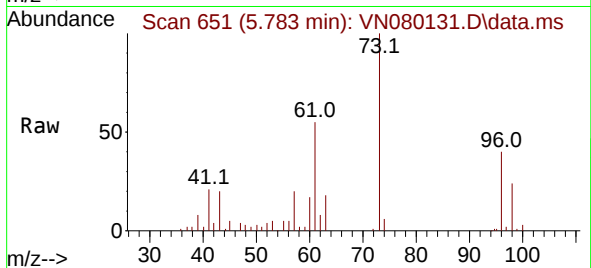
Tgt Ion: 84 Resp: 65049
Ion Ratio Lower Upper
84 100
49 105.1 79.7 119.5
51 33.8 25.2 37.8
86 55.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.173 ug/l
RT: 5.783 min Scan# 61979
Delta R.T. -0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

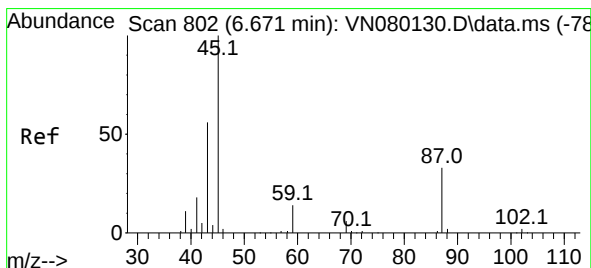
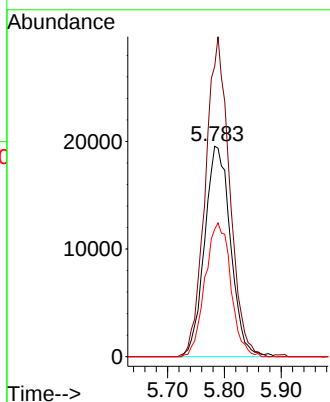
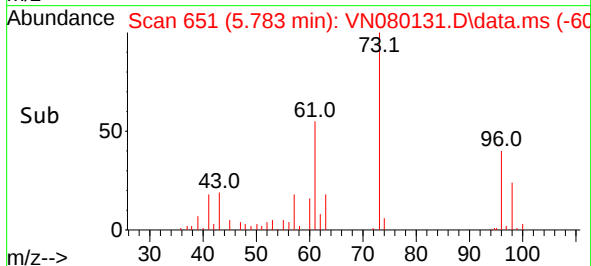
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 61979
Ion Ratio Lower Upper
96 100
61 138.0 90.1 135.1
98 60.6 46.4 69.6

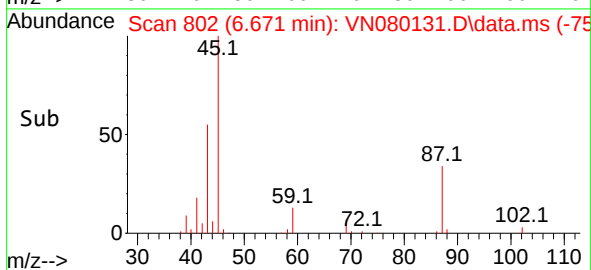
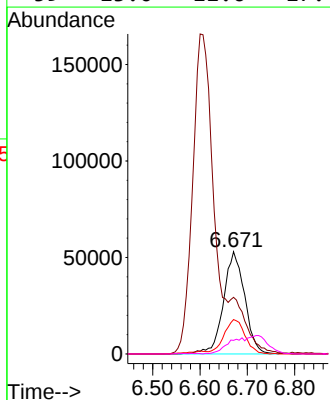
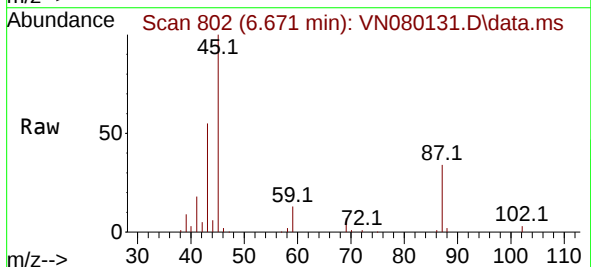
Manual Integrations
APPROVED

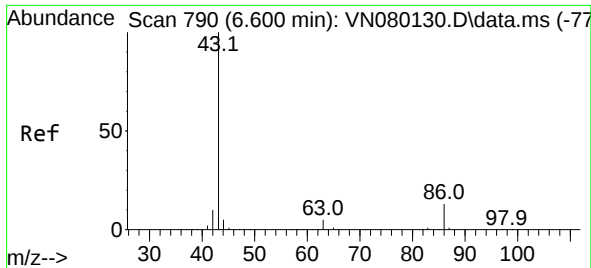
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#22
Diisopropyl ether
Concen: 21.214 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 45 Resp: 165146
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 33.7 31.8 47.8
59 13.0 11.6 17.4





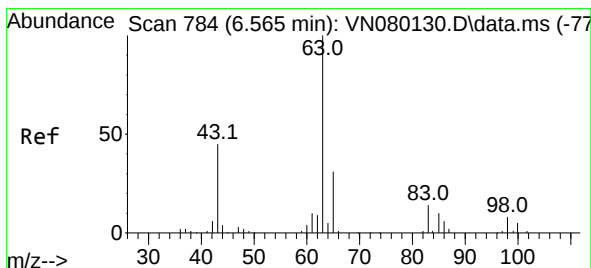
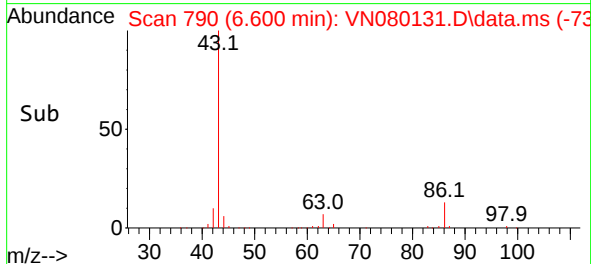
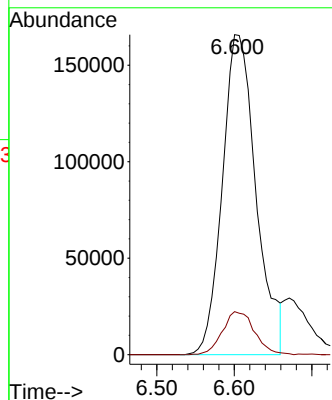
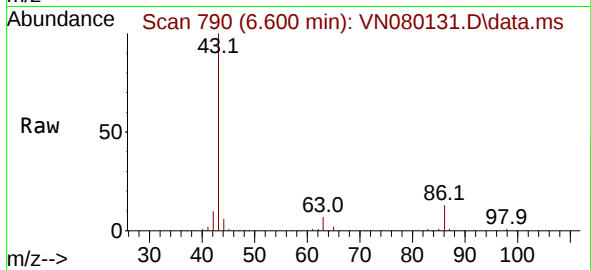
#23
 Vinyl Acetate
 Concen: 107.380 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 50249
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

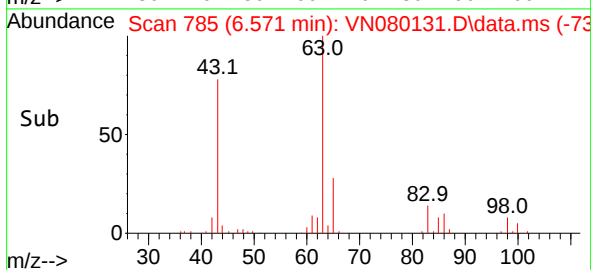
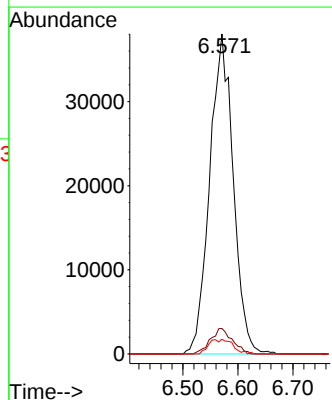
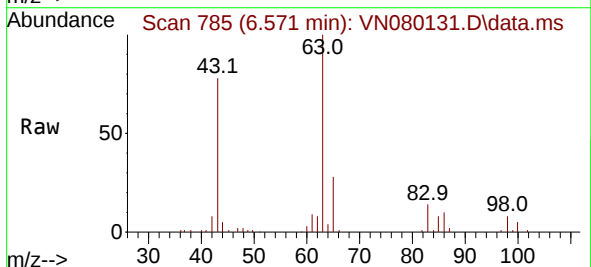
Manual Integrations
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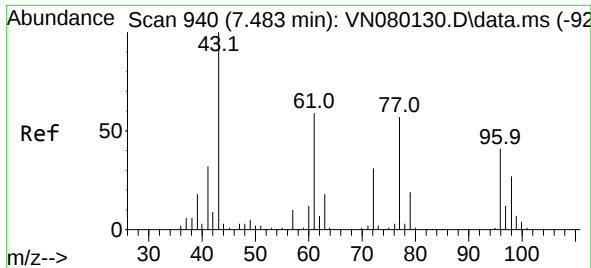
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 19.949 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Tgt Ion: 63 Resp: 113107
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 92.561 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 16137

Ion Ratio Lower Upper

43 100

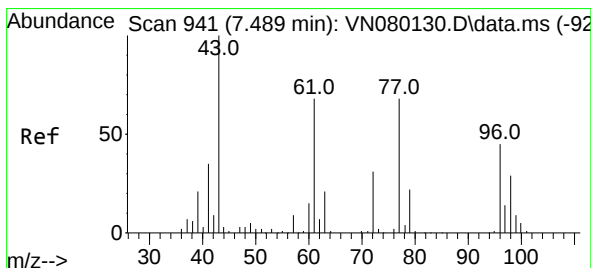
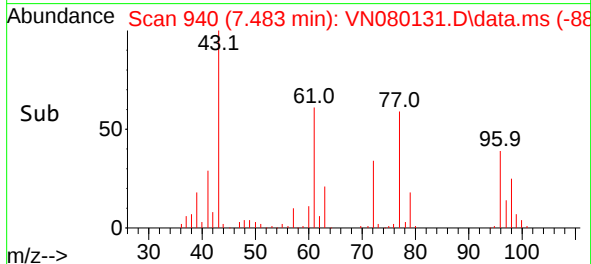
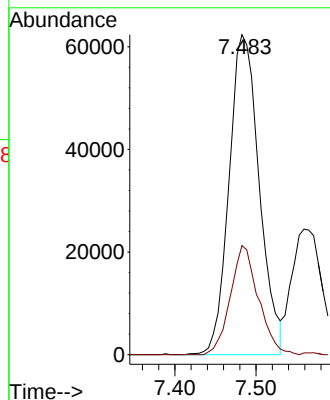
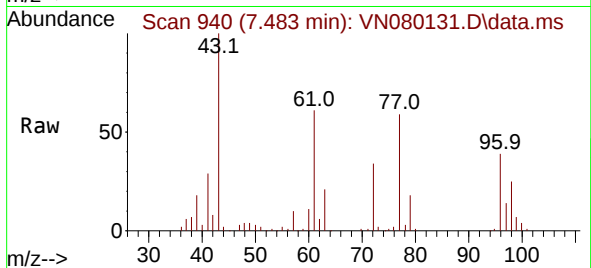
72 34.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#26

2,2-Dichloropropane

Concen: 20.298 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080131.D

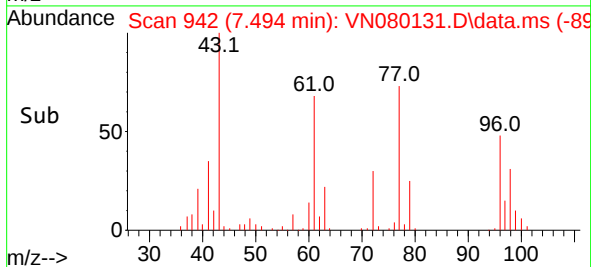
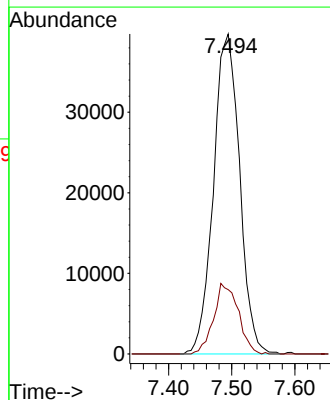
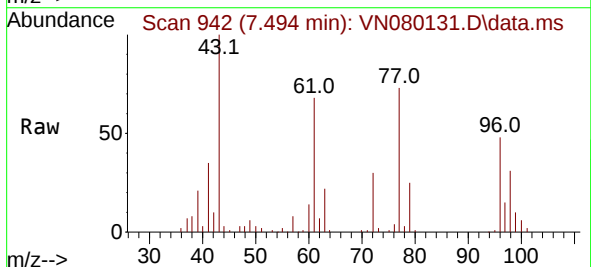
Acq: 16 Nov 2023 12:22

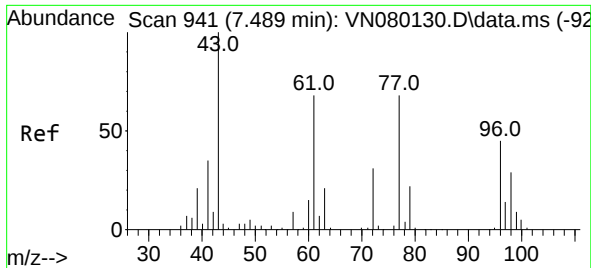
Tgt Ion: 77 Resp: 114182

Ion Ratio Lower Upper

77 100

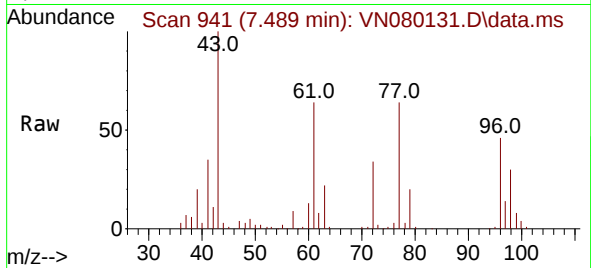
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.266 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

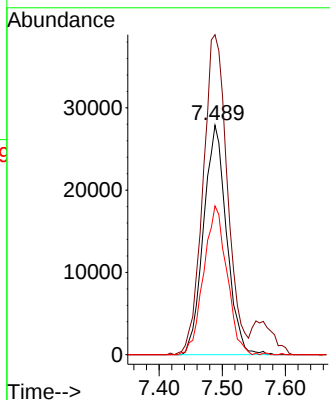
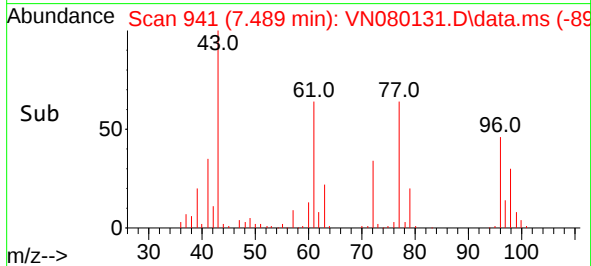
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 70592
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 255.2
 98 65.3 0.0 128.8

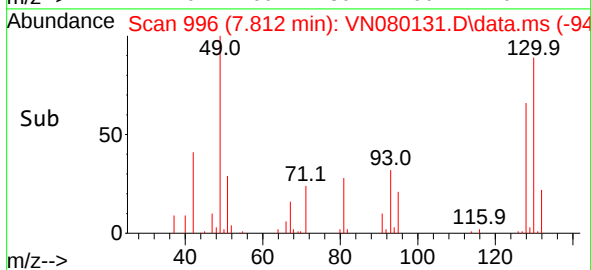
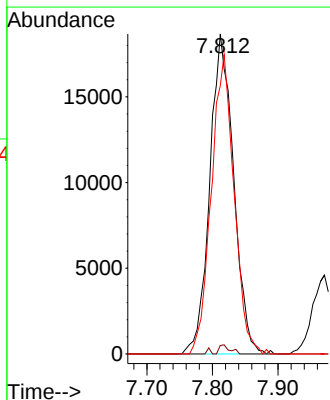
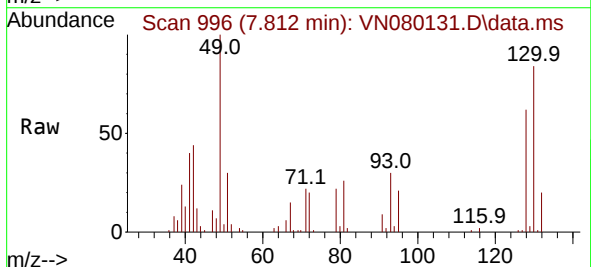
Manual Integrations
 APPROVED

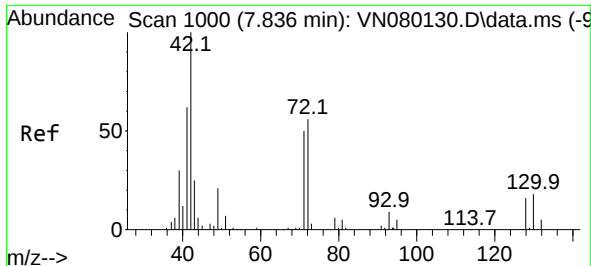
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 21.119 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Tgt Ion: 49 Resp: 47074
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 89.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 104.646 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

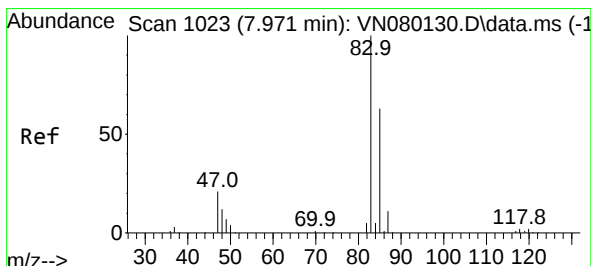
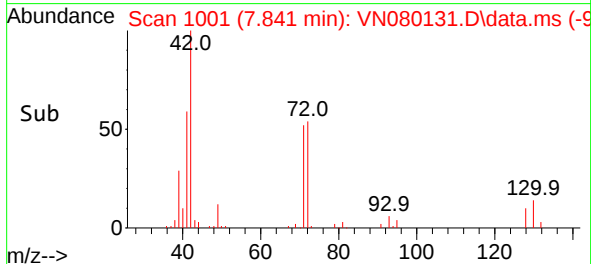
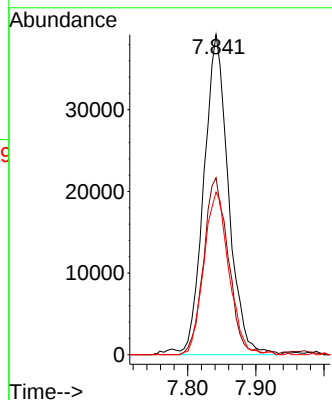
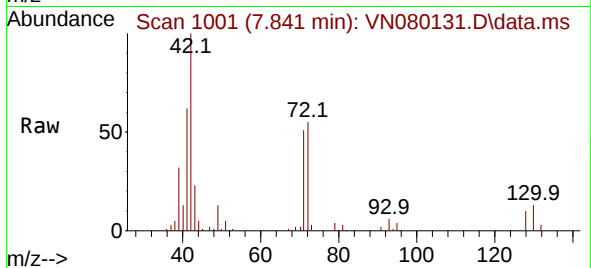
Tgt Ion: 42	Resp: 9795
Ion Ratio	Lower Upper
42	100
72	55.2 49.8 74.6
71	52.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 19.805 ug/l

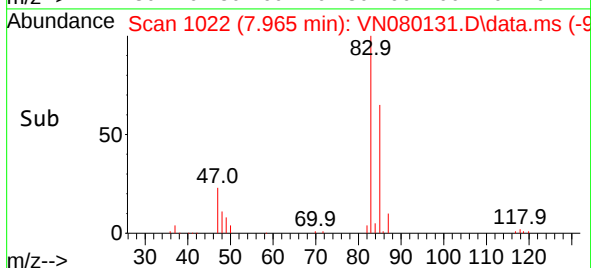
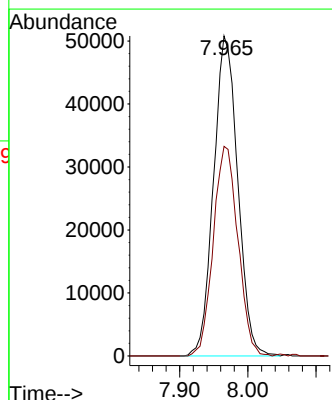
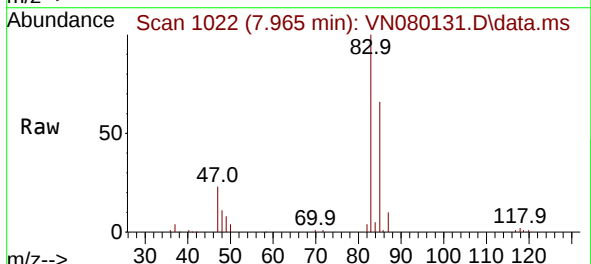
RT: 7.965 min Scan# 1022

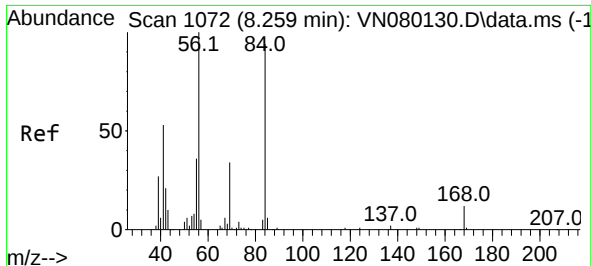
Delta R.T. -0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

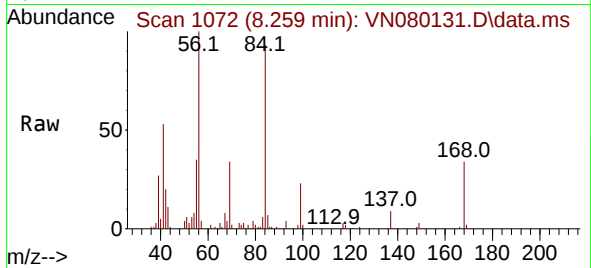
Tgt Ion: 83	Resp: 125509
Ion Ratio	Lower Upper
83	100
85	65.5 55.4 83.0





#31
Cyclohexane
Concen: 20.119 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

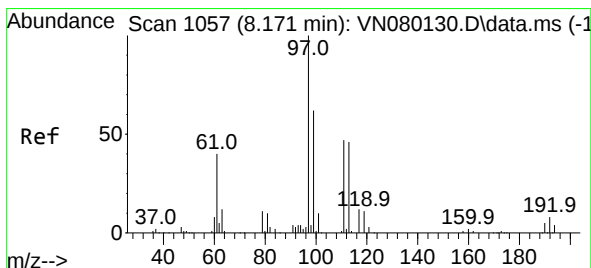
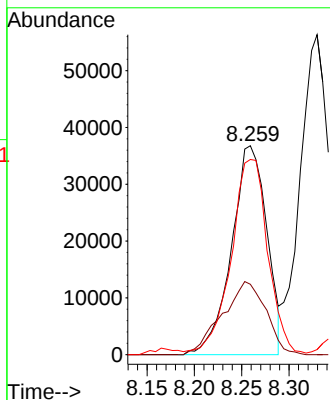
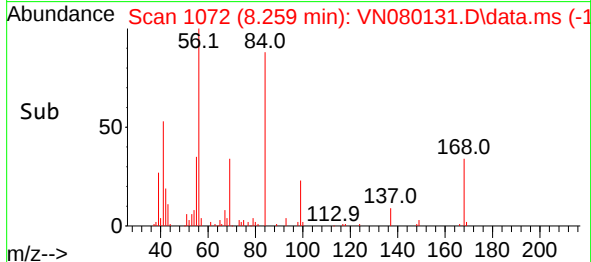
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 56 Resp: 95592
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 91.4 81.8 122.6

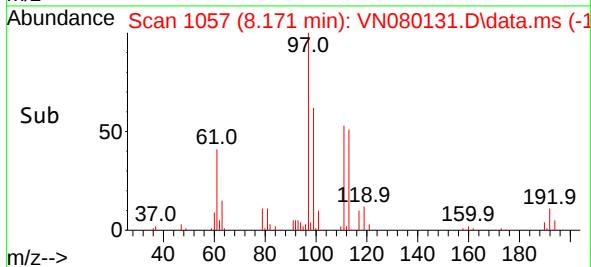
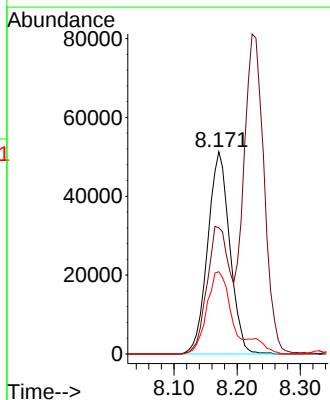
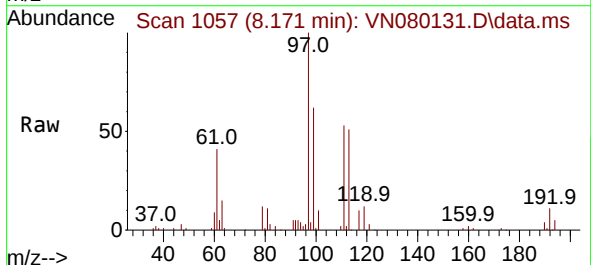
Manual Integrations
APPROVED

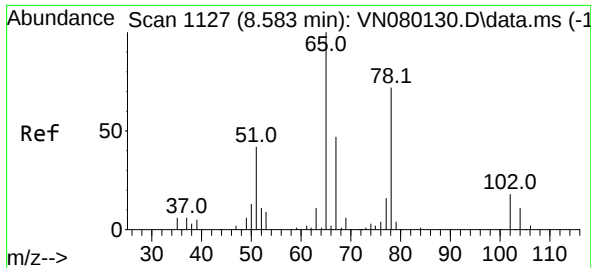
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 20.153 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 97 Resp: 124548
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 43.8 34.7 52.1





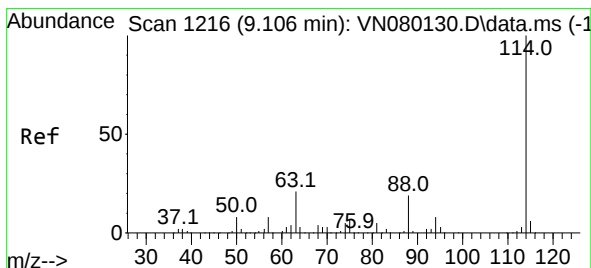
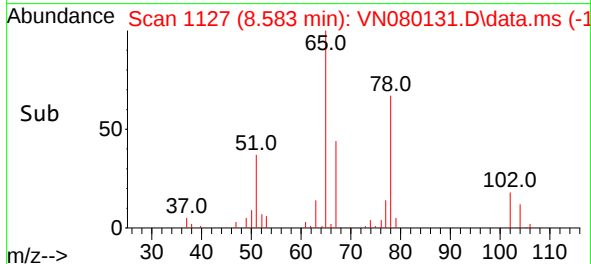
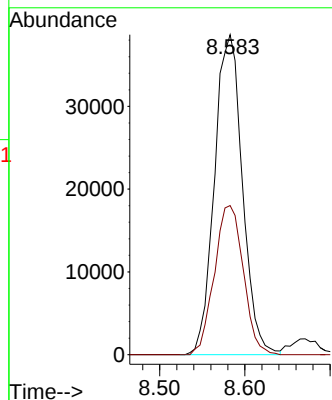
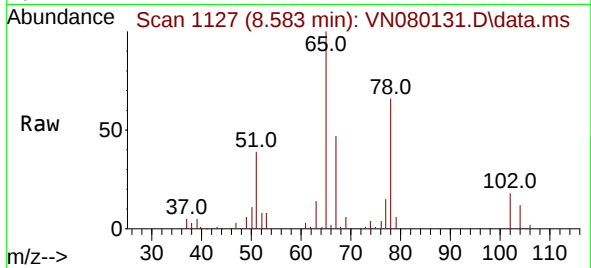
#33
1,2-Dichloroethane-d4
Concen: 20.185 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 8818
Ion Ratio Lower Upper
65 100
67 48.3 0.0 106.6

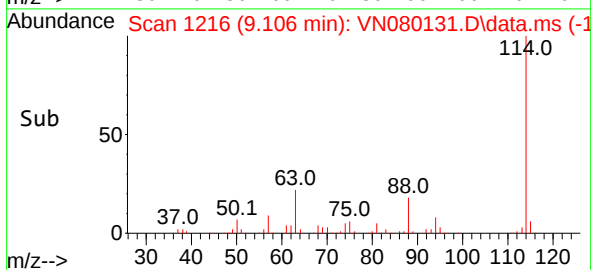
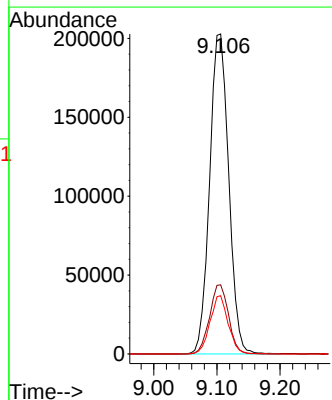
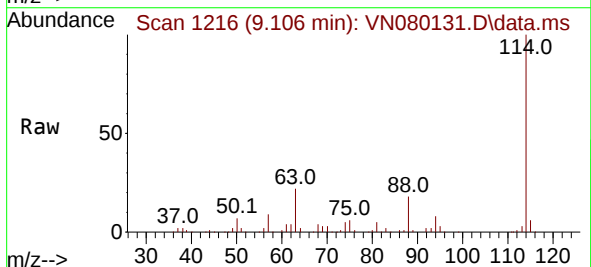
Manual Integrations
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Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:114 Resp: 425625
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.194 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 63420

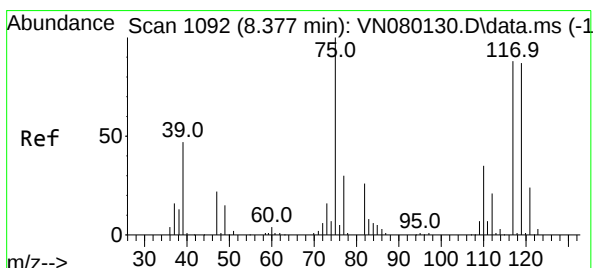
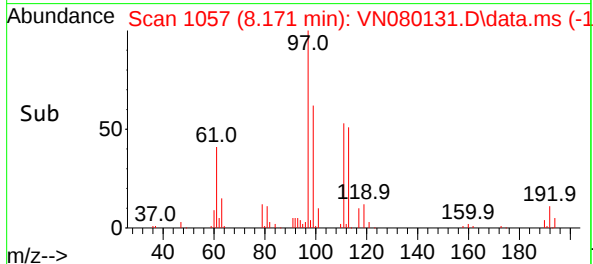
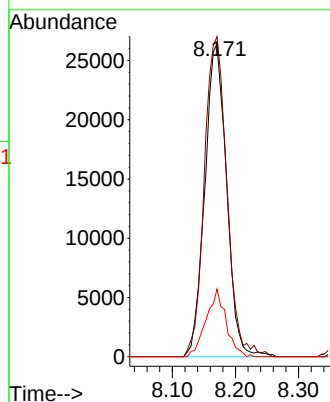
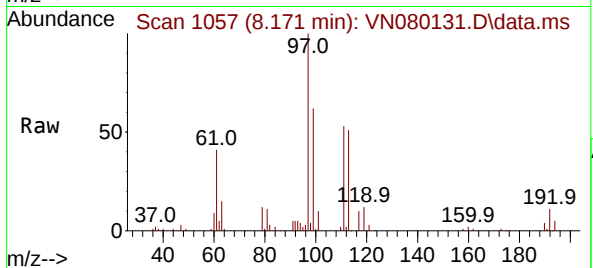
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.6	123.8
192	19.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#36

1,1-Dichloropropene

Concen: 20.535 ug/l

RT: 8.377 min Scan# 1092

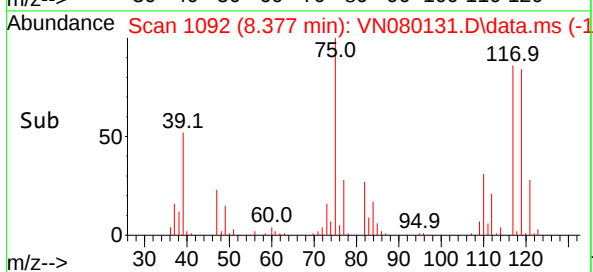
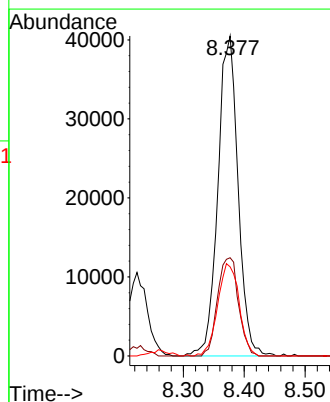
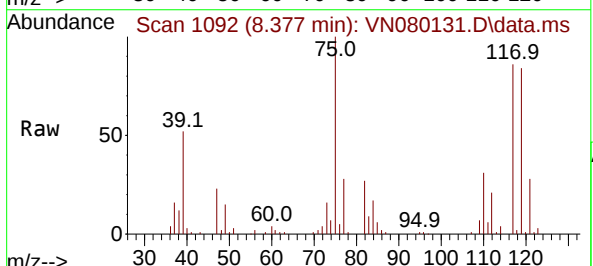
Delta R.T. -0.000 min

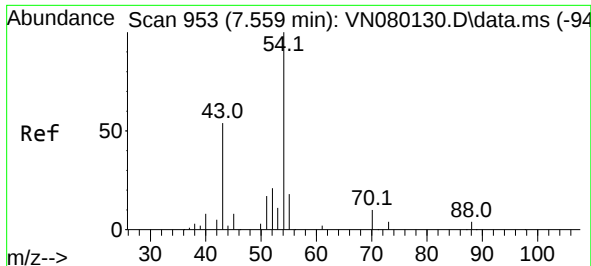
Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Tgt Ion: 75 Resp: 93371

Ion	Ratio	Lower	Upper
75	100		
110	31.8	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 21.448 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6764

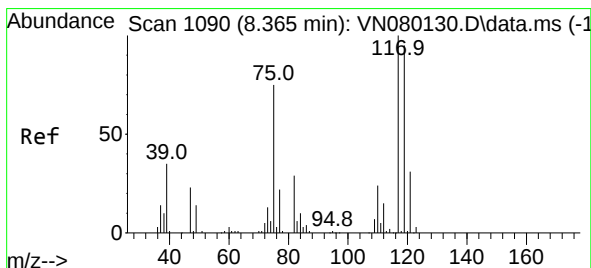
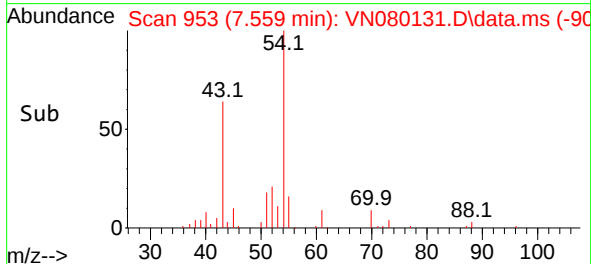
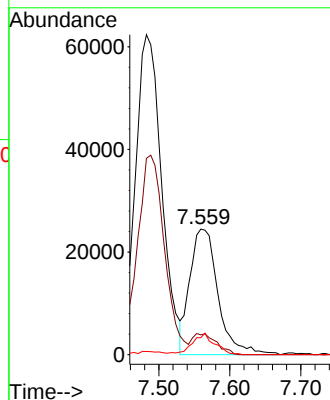
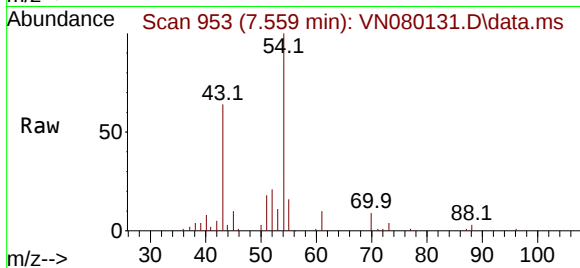
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.2	19.8
70	13.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 19.956 ug/l

RT: 8.365 min Scan# 1090

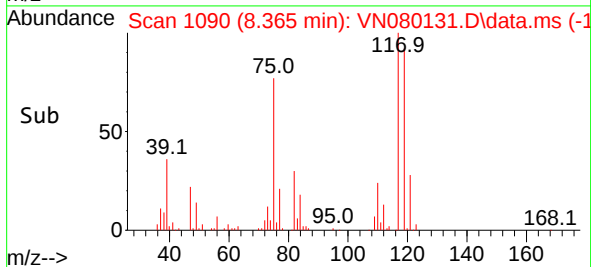
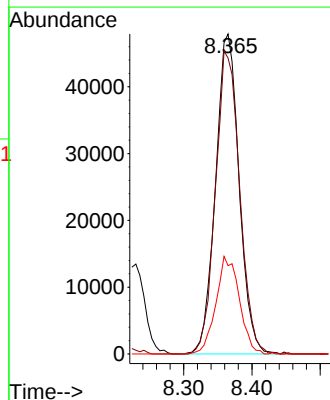
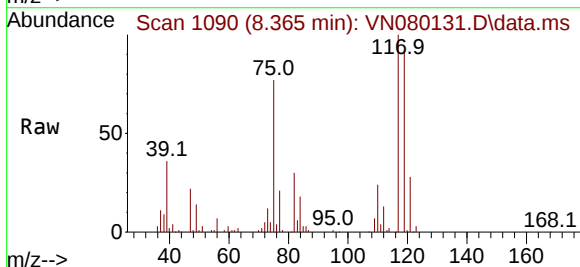
Delta R.T. -0.000 min

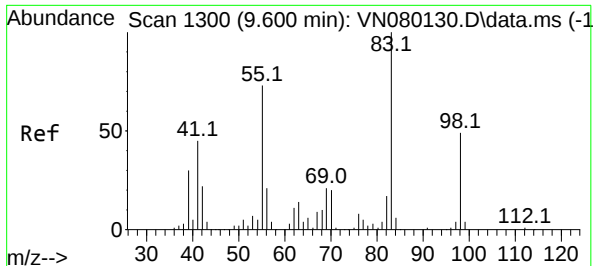
Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Tgt Ion:117 Resp: 115147

Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.3	115.9
121	27.6	23.3	34.9





#39

Methylcyclohexane

Concen: 20.773 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 91074

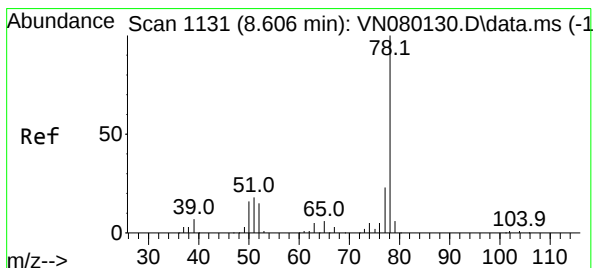
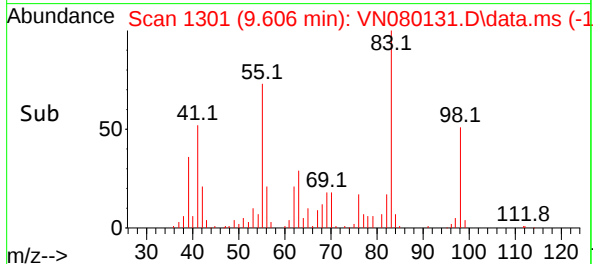
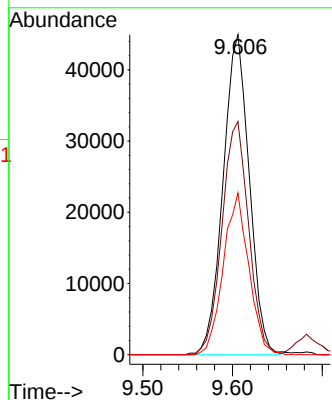
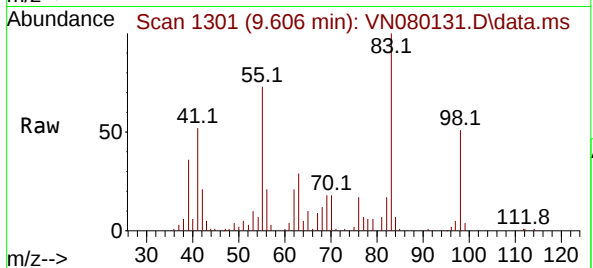
Ion	Ratio	Lower	Upper
83	100		
55	72.9	49.1	73.7
98	50.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 20.221 ug/l

RT: 8.606 min Scan# 1131

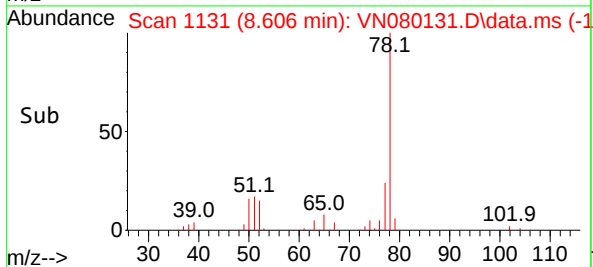
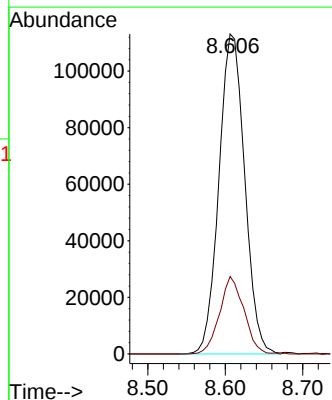
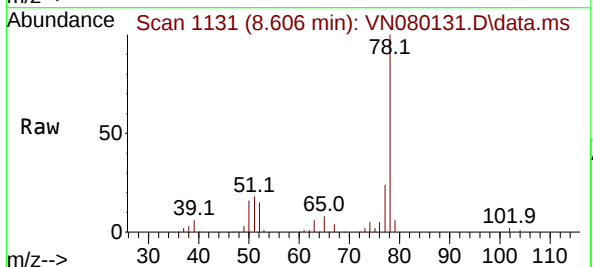
Delta R.T. -0.000 min

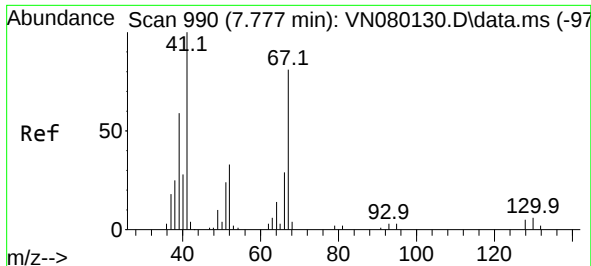
Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Tgt Ion: 78 Resp: 261307

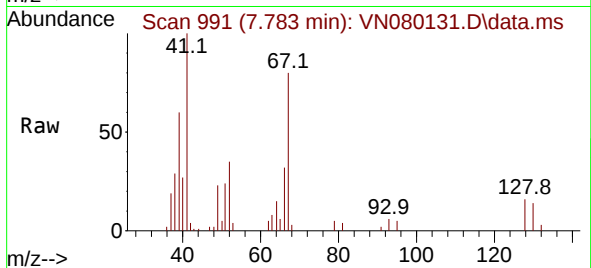
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 19.910 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

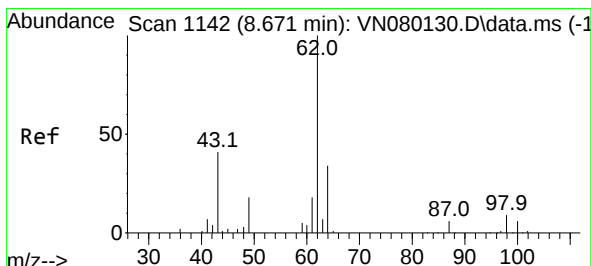
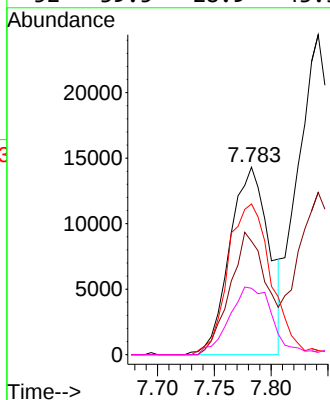
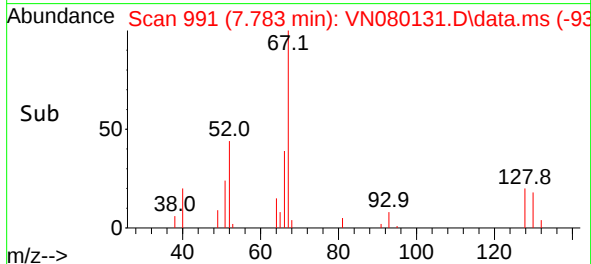
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 3448
Ion Ratio Lower Upper
41 100
39 60.9 42.6 64.0
67 88.8 77.5 116.3
52 39.5 28.9 43.3

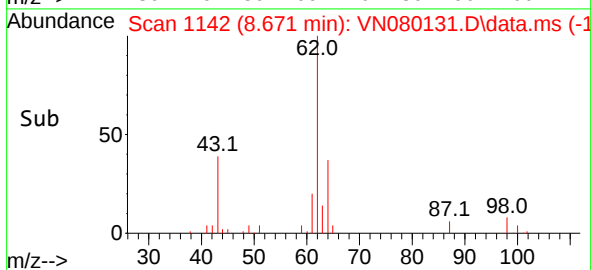
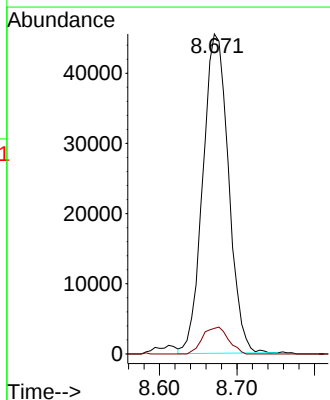
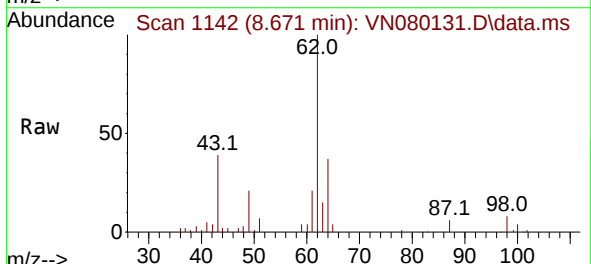
Manual Integrations
APPROVED

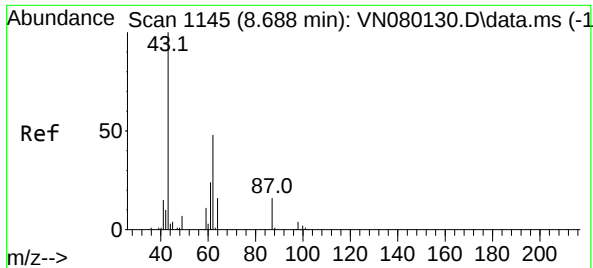
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 19.787 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 62 Resp: 104617
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





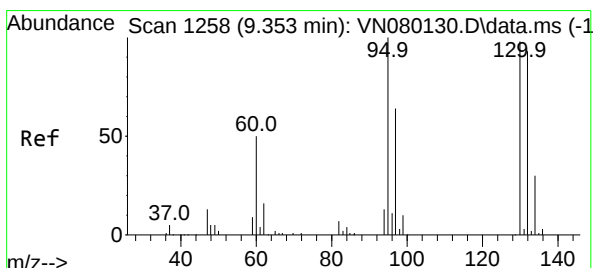
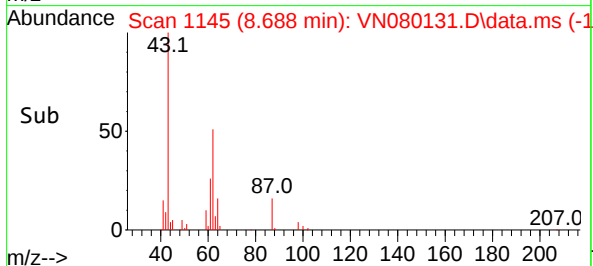
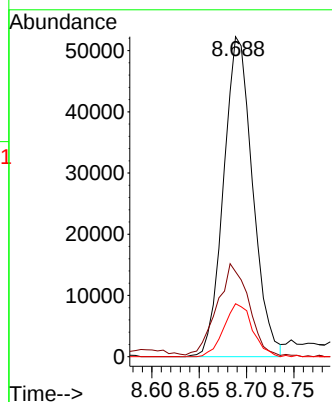
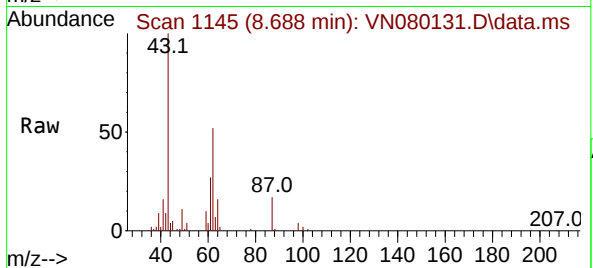
#43
Isopropyl Acetate
Concen: 18.168 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 11150
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 16.3 14.6 21.8

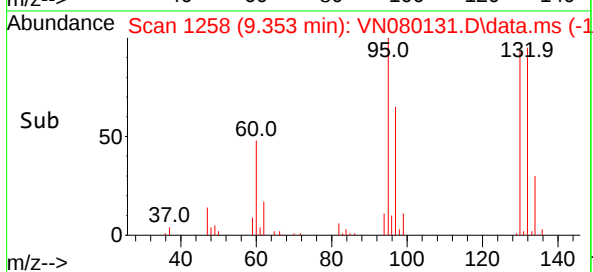
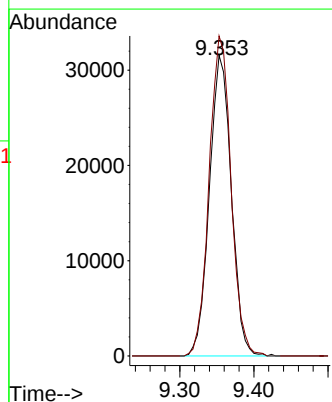
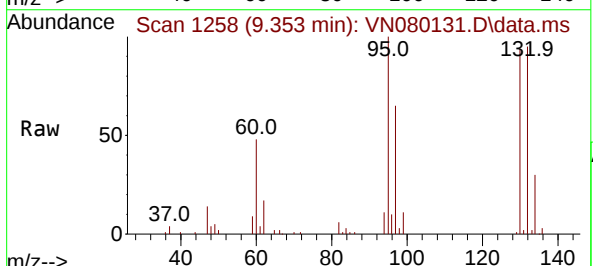
Manual Integrations
APPROVED

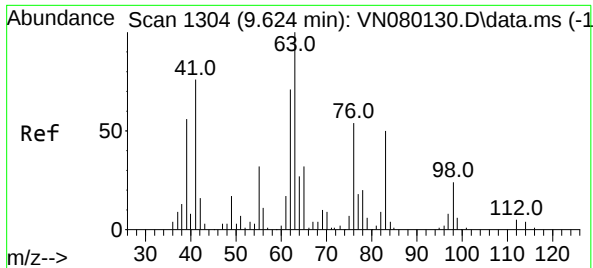
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#44
Trichloroethene
Concen: 19.142 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:130 Resp: 64887
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.640 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 6198

Ion Ratio Lower Upper

63 100

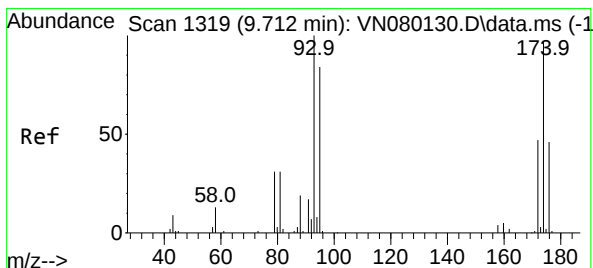
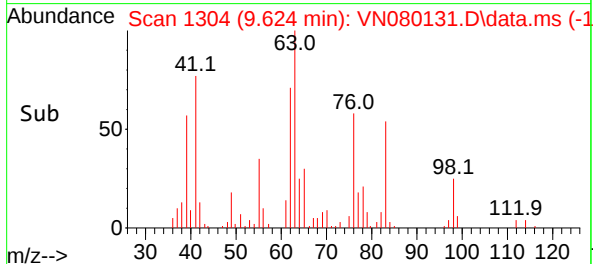
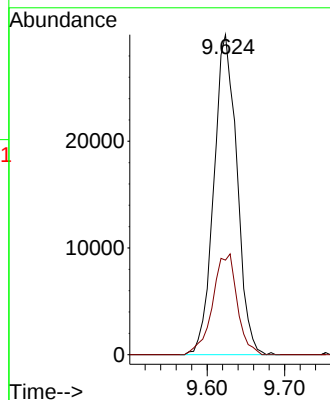
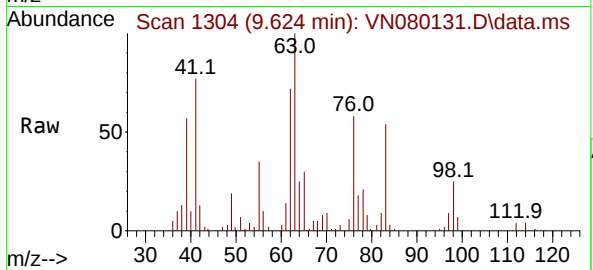
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 19.740 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

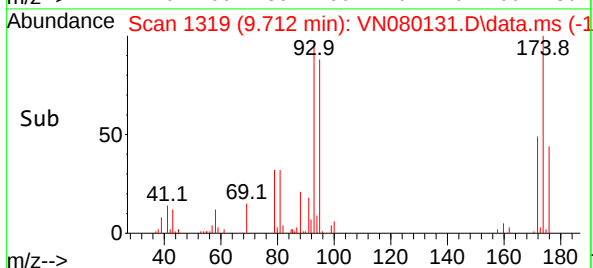
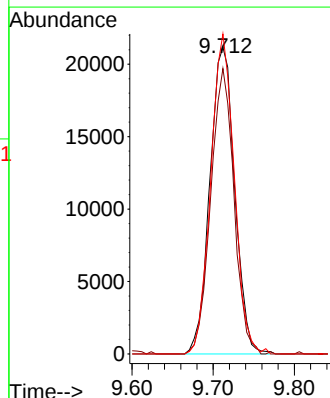
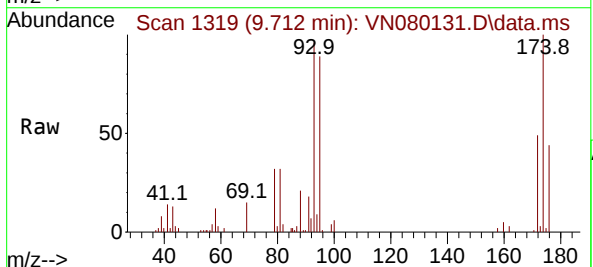
Tgt Ion: 93 Resp: 44874

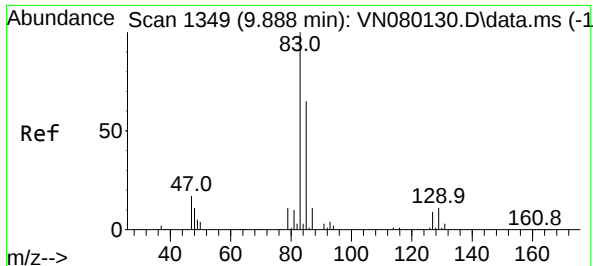
Ion Ratio Lower Upper

93 100

95 87.2 63.8 95.8

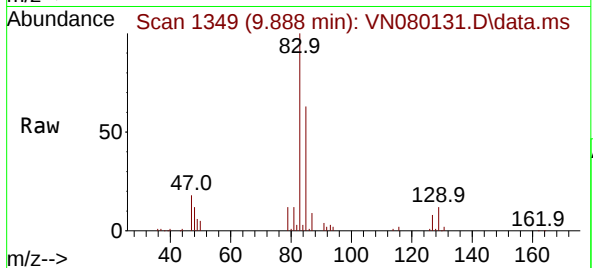
174 99.0 65.6 98.4#





#47
Bromodichloromethane
Concen: 20.129 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

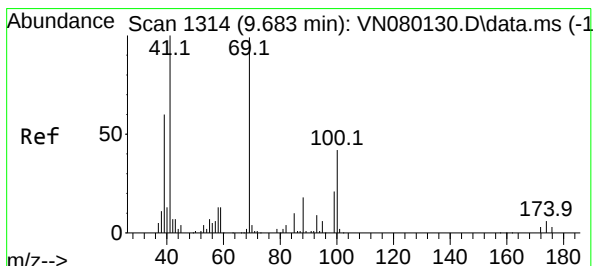
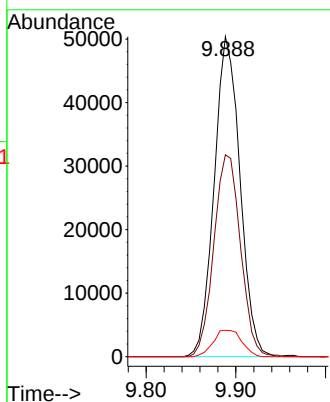
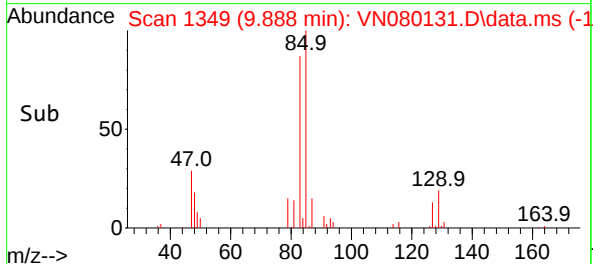
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



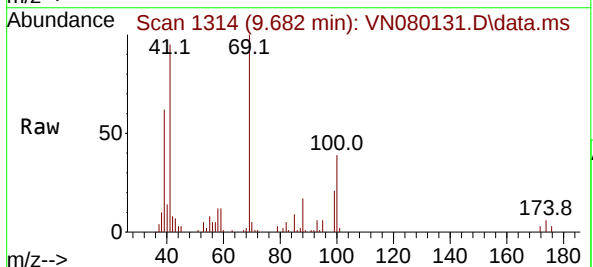
Tgt Ion: 83 Resp: 100658
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

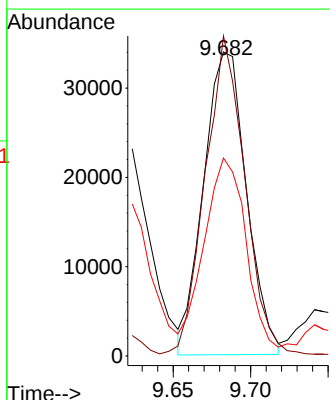
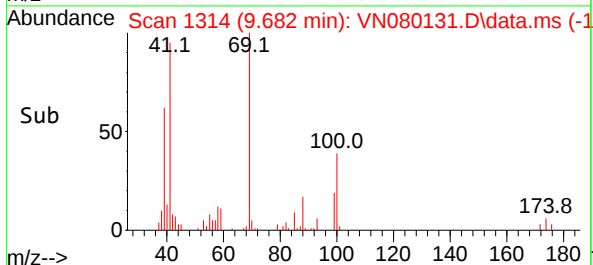
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

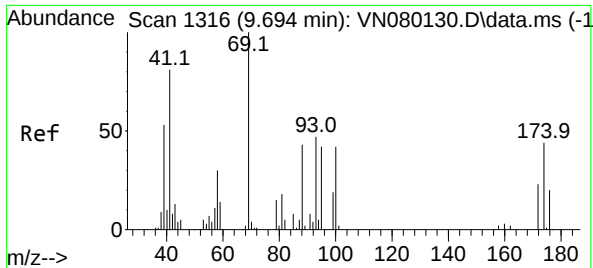


#48
Methyl methacrylate
Concen: 20.630 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 41 Resp: 65248
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 65.0 54.6 81.8





#49

1,4-Dioxane

Concen: 367.311 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1932

Ion Ratio Lower Upper

88 100

43 30.7 17.0 25.6

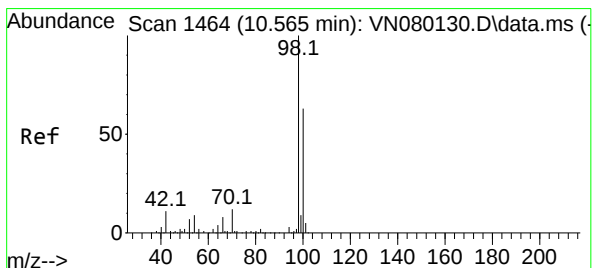
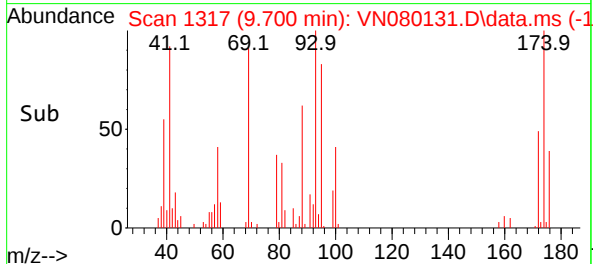
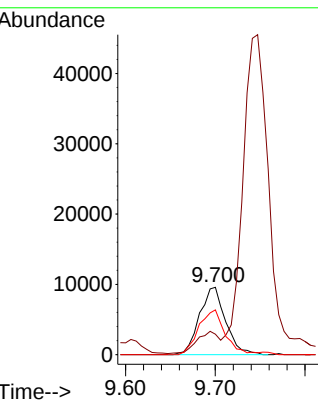
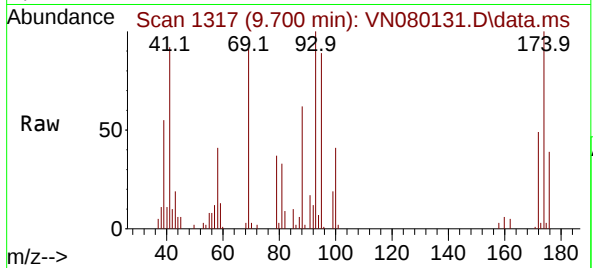
58 67.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 20.847 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080131.D

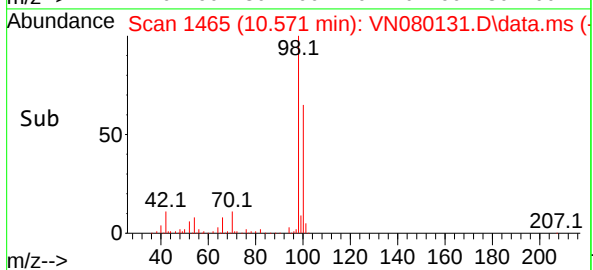
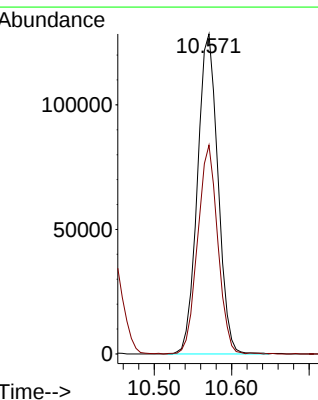
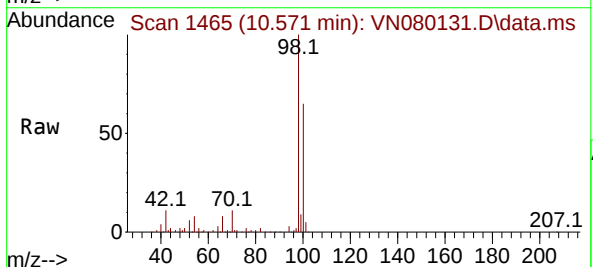
Acq: 16 Nov 2023 12:22

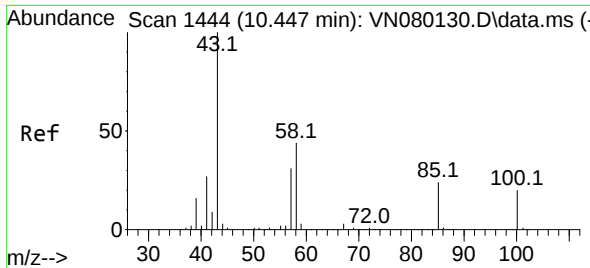
Tgt Ion: 98 Resp: 236005

Ion Ratio Lower Upper

98 100

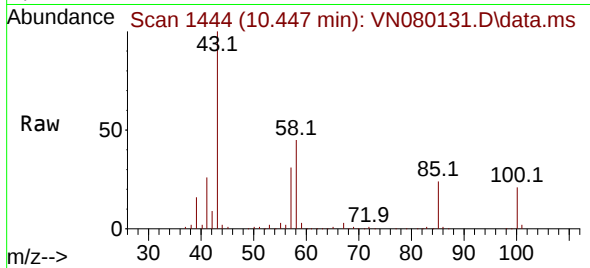
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 104.568 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

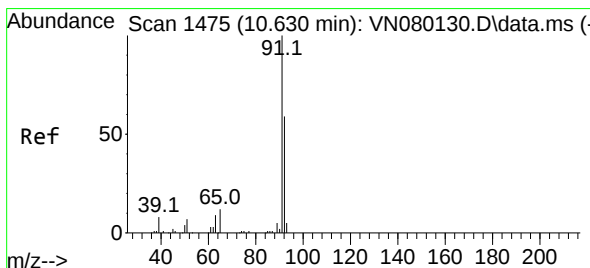
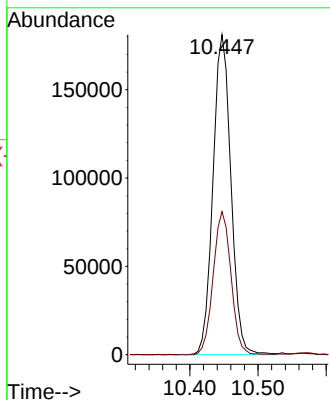
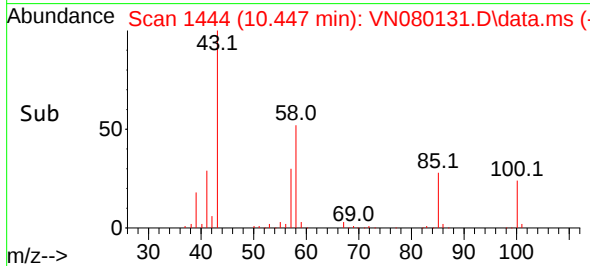
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



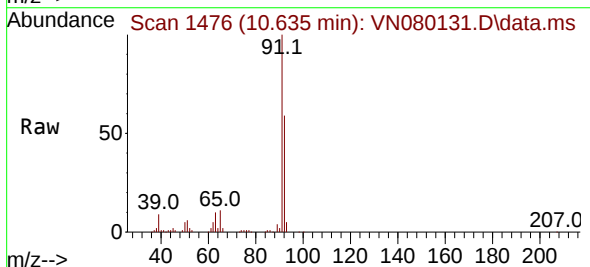
Tgt Ion: 43 Resp: 332264
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8

Manual Integrations
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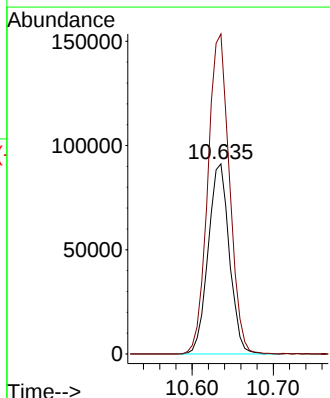
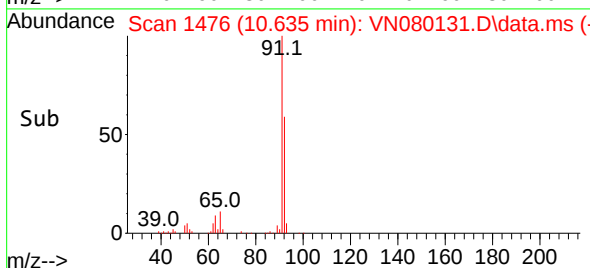
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

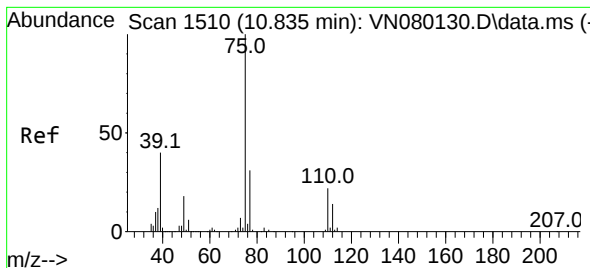


#52
Toluene
Concen: 20.420 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 92 Resp: 165143
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





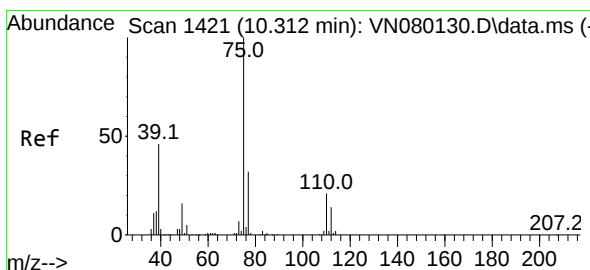
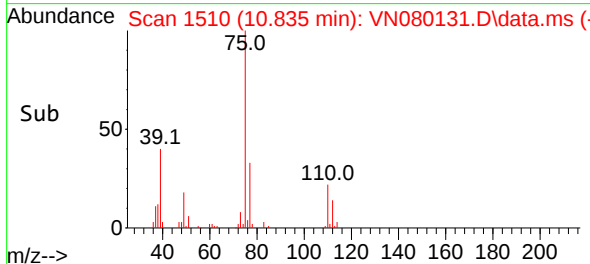
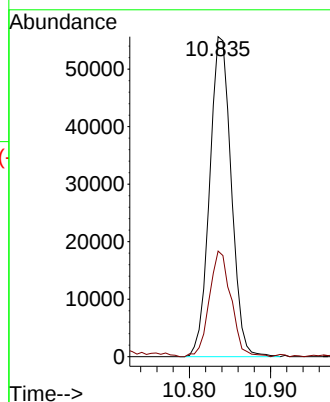
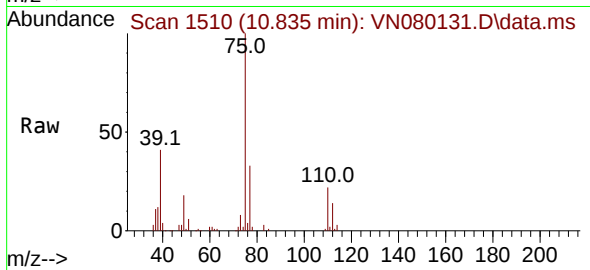
#53
t-1,3-Dichloropropene
Concen: 20.024 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 102876
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

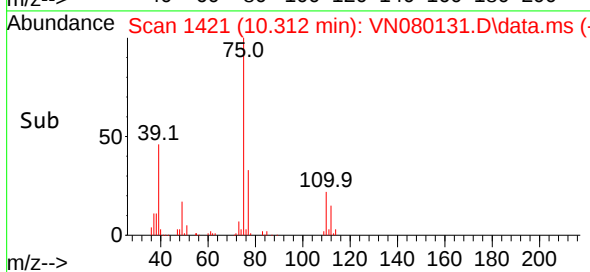
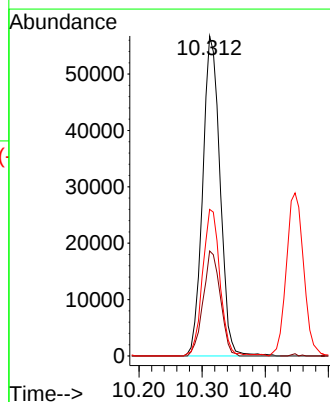
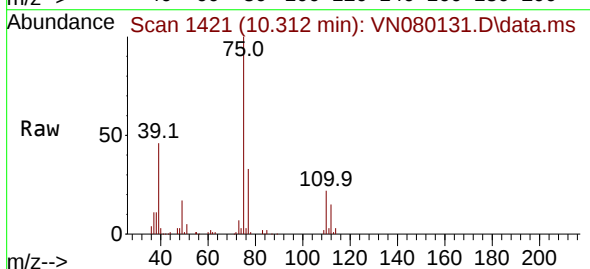
Manual Integrations
APPROVED

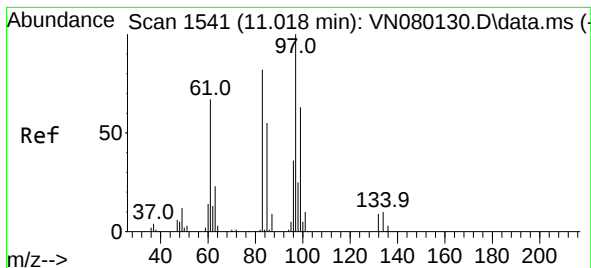
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 20.647 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

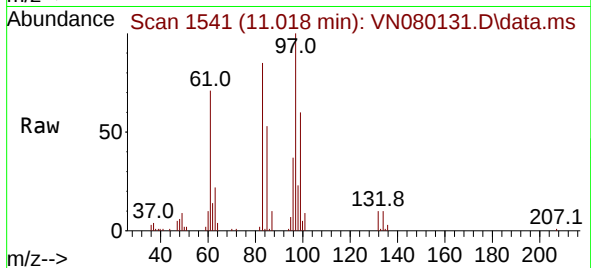
Tgt Ion: 75 Resp: 108376
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 45.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.984 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

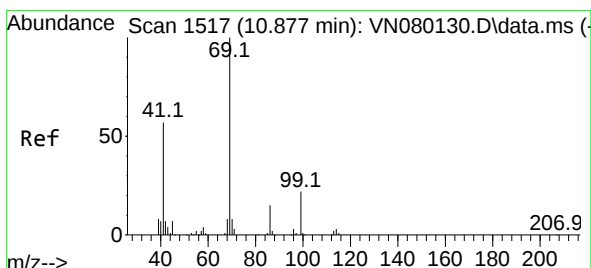
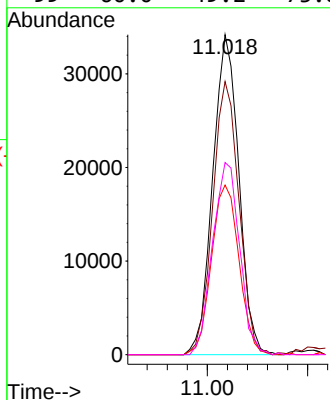
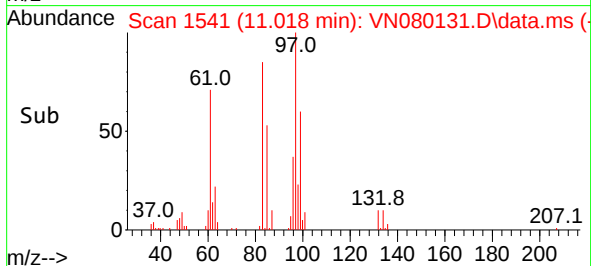
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



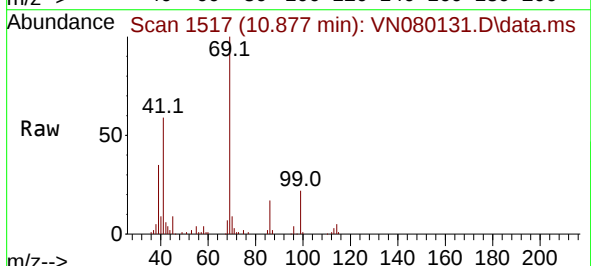
Tgt Ion: 97	Resp: 61680
Ion Ratio	Lower Upper
97 100	
83 85.3	65.1 97.7
85 53.0	43.4 65.2
99 60.0	49.2 73.8

Manual Integrations
APPROVED

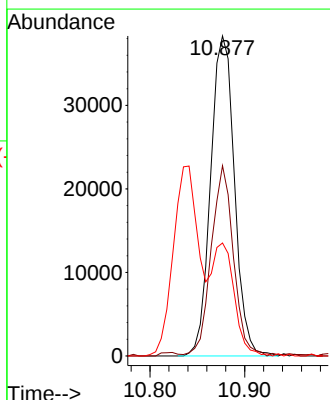
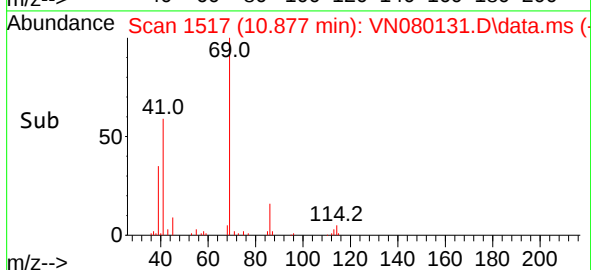
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

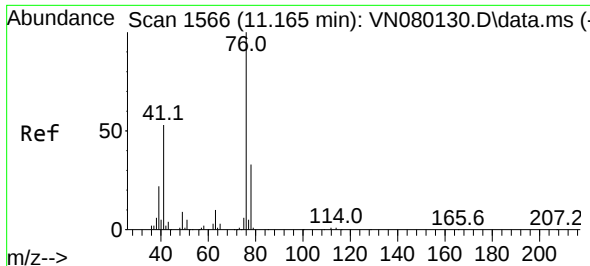


#56
Ethyl methacrylate
Concen: 21.269 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 69	Resp: 67068
Ion Ratio	Lower Upper
69 100	
41 55.5	39.6 59.4
39 33.4	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.717 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 106262

Ion Ratio Lower Upper

76 100

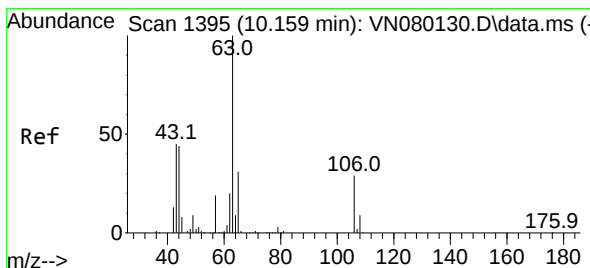
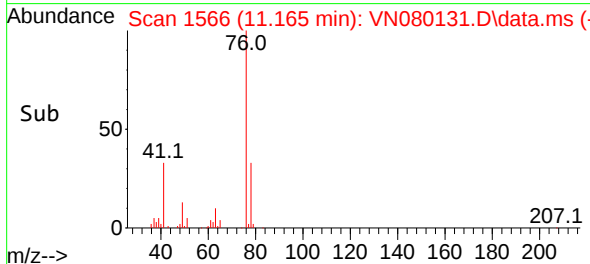
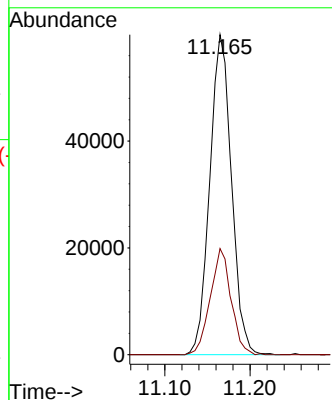
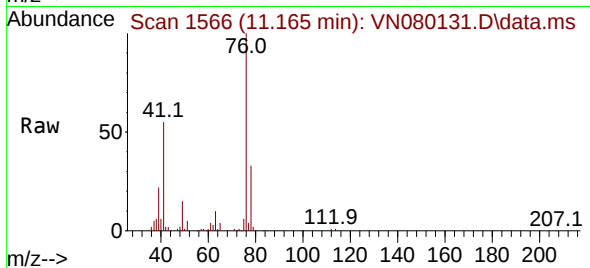
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.623 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080131.D

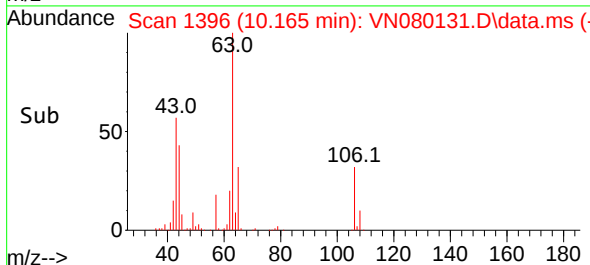
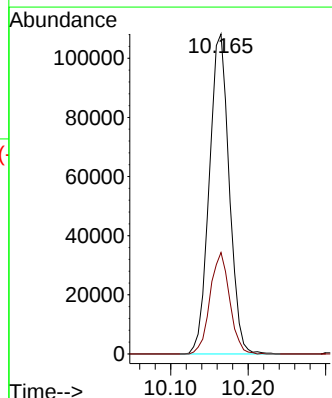
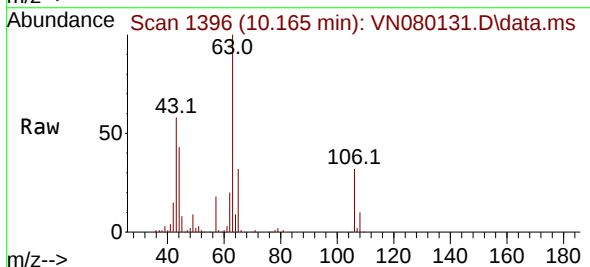
Acq: 16 Nov 2023 12:22

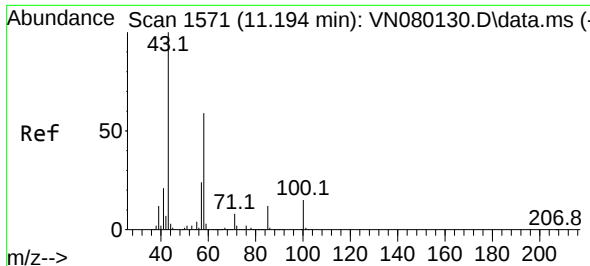
Tgt Ion: 63 Resp: 192968

Ion Ratio Lower Upper

63 100

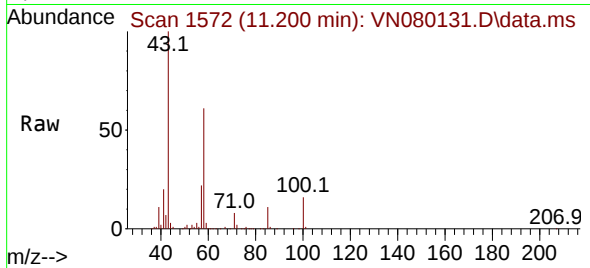
106 31.2 26.2 39.4





#59
2-Hexanone
Concen: 98.828 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

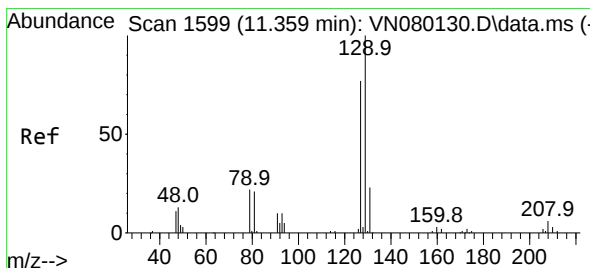
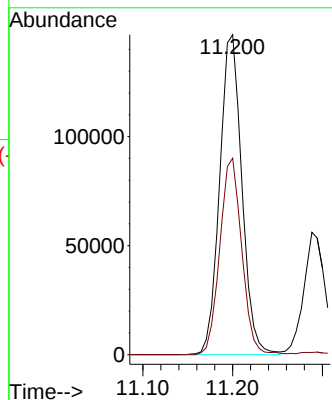
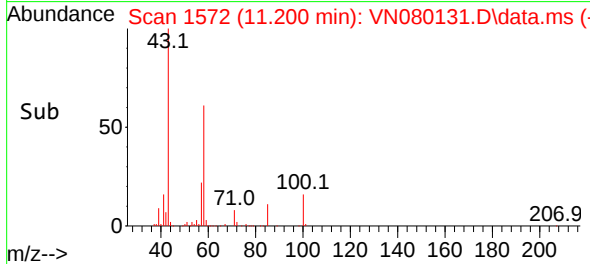
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 25233
Ion Ratio Lower Upper
43 100
58 60.5 31.7 95.1

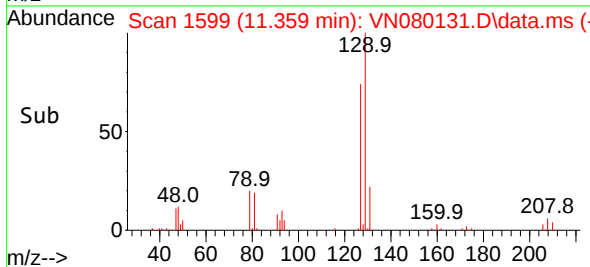
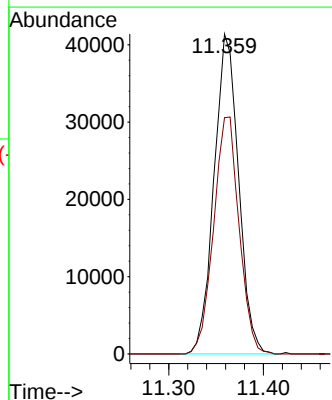
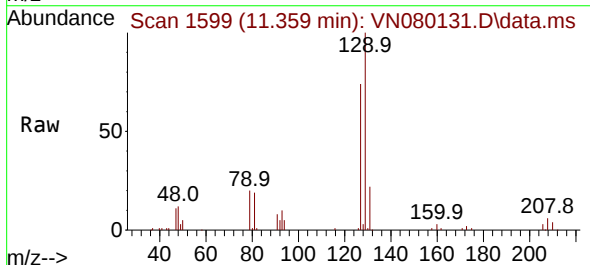
Manual Integrations
APPROVED

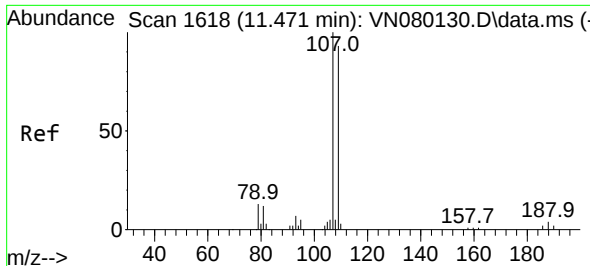
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 20.141 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:129 Resp: 74431
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





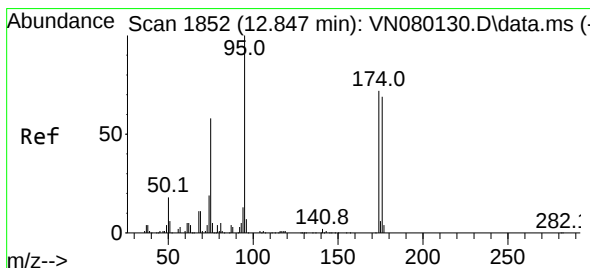
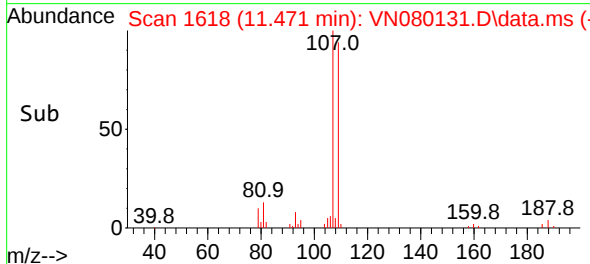
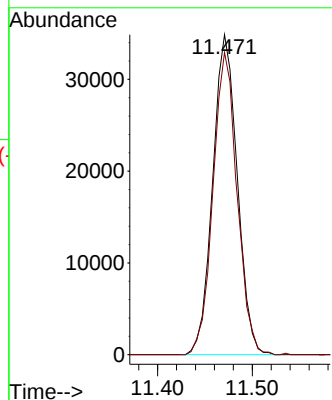
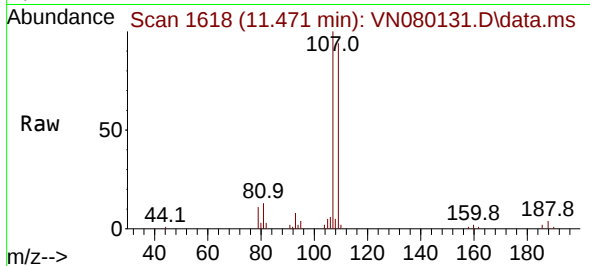
#61
1,2-Dibromoethane
Concen: 19.948 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 62815
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

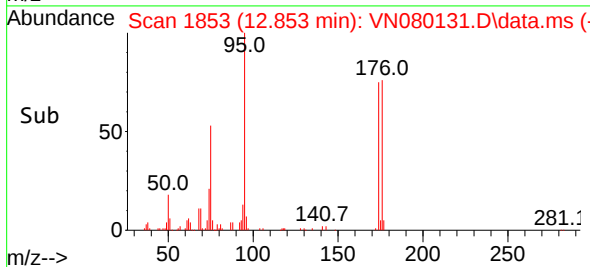
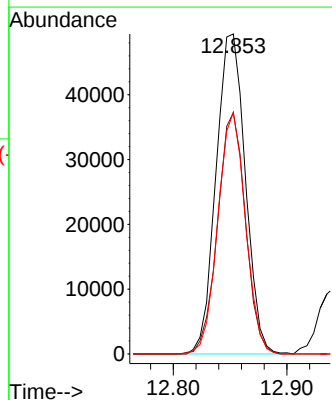
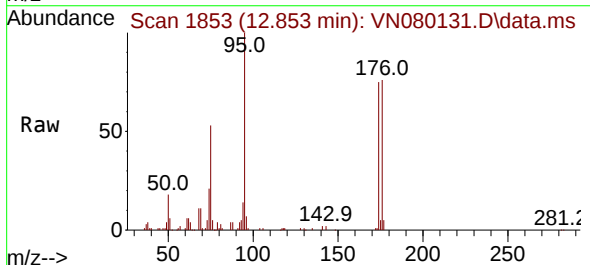
Manual Integrations
APPROVED

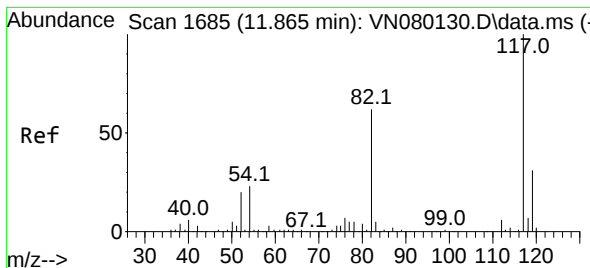
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 20.697 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

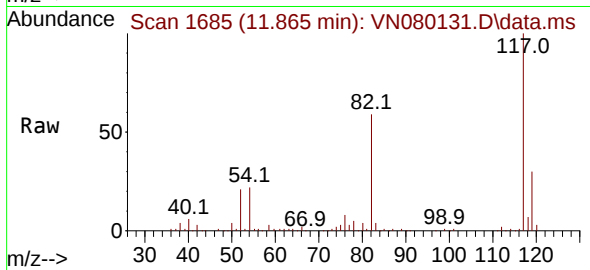
Tgt Ion: 95 Resp: 88503
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.8
176 70.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

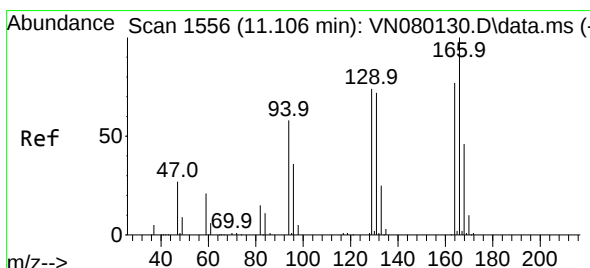
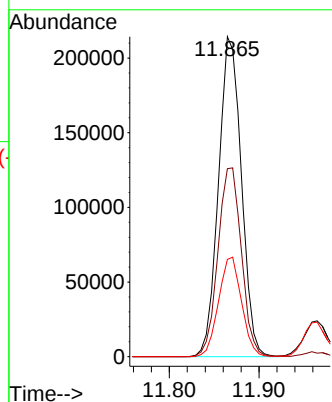
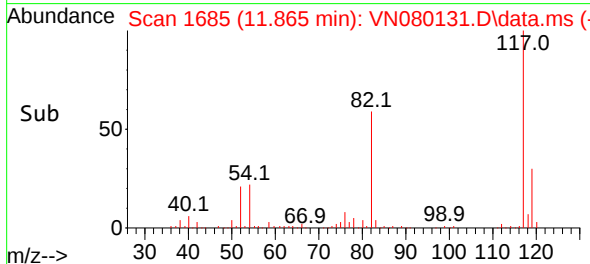
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 379514
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 30.4 25.6 38.4

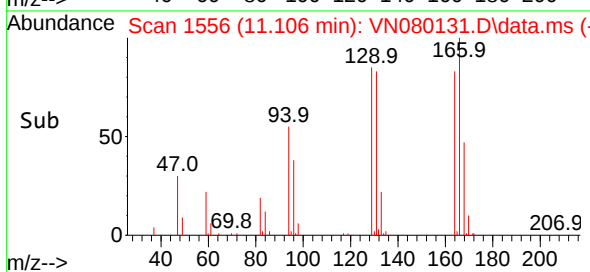
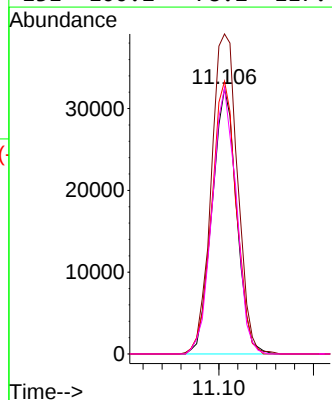
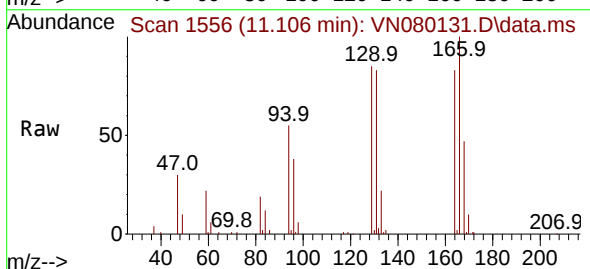
Manual Integrations
APPROVED

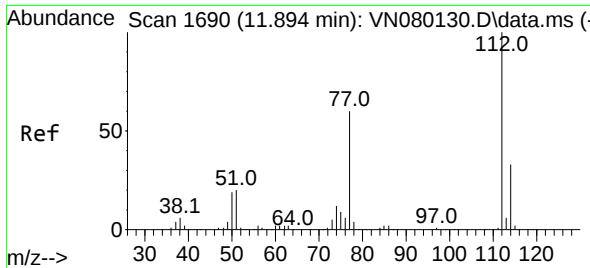
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 20.141 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:164 Resp: 58335
Ion Ratio Lower Upper
164 100
166 120.5 101.4 152.0
129 102.7 82.4 123.6
131 100.2 78.2 117.4





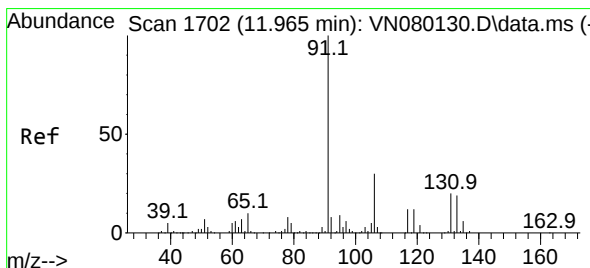
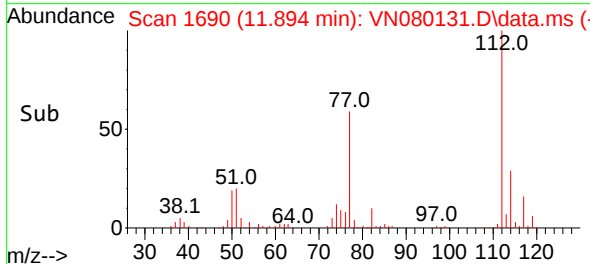
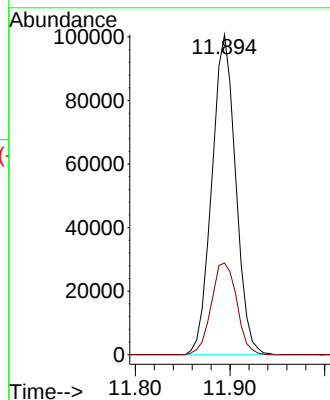
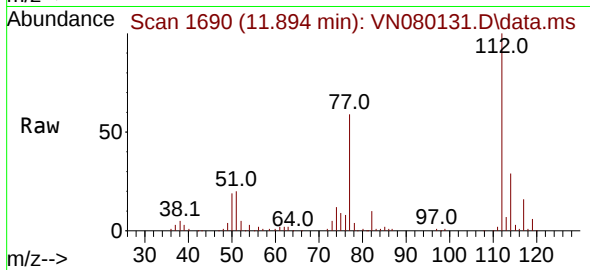
#65
Chlorobenzene
Concen: 20.472 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 176054
Ion Ratio Lower Upper
112 100
114 28.7 25.0 37.4

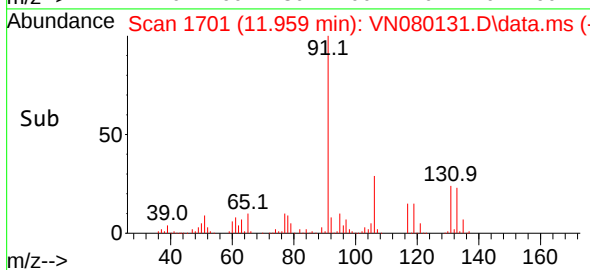
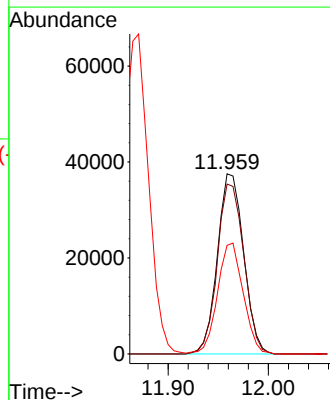
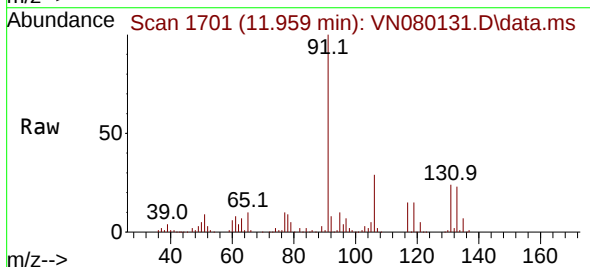
Manual Integrations
APPROVED

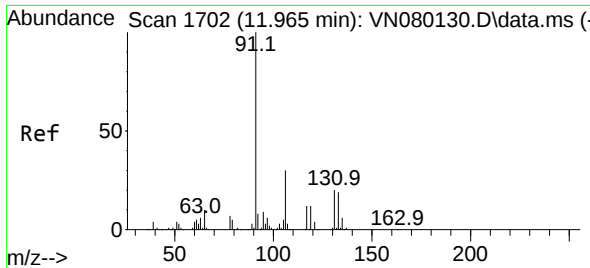
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.476 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:131 Resp: 68333
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 60.2 34.1 102.2





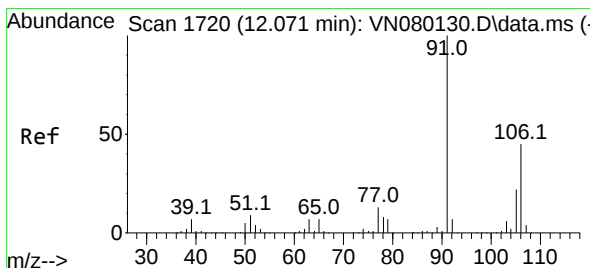
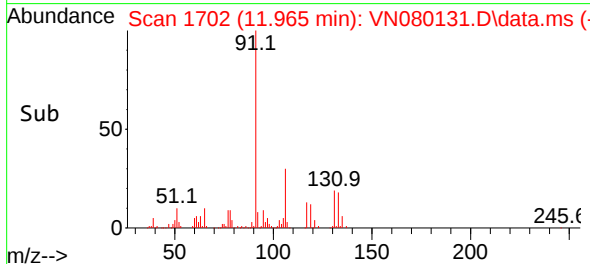
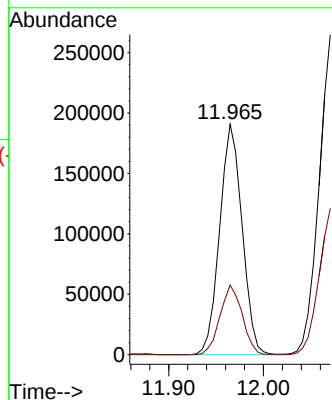
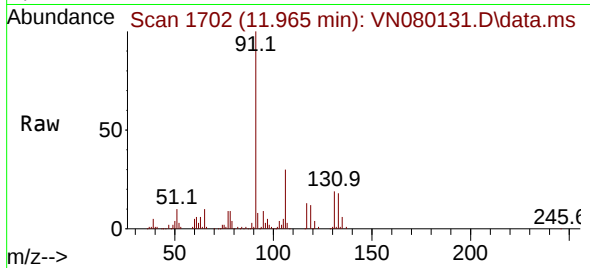
#67
Ethyl Benzene
Concen: 20.531 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 314160
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

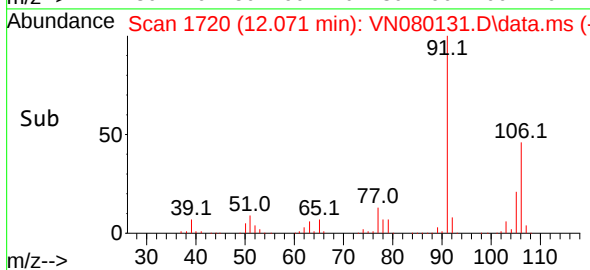
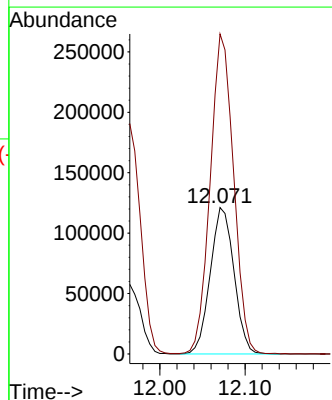
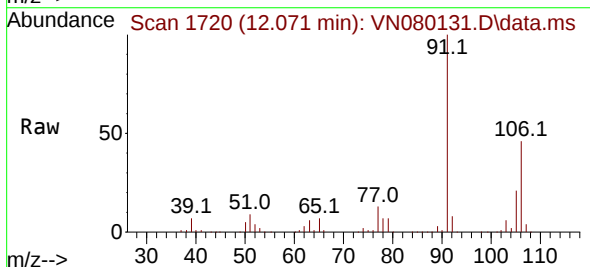
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 42.008 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:106 Resp: 234376
Ion Ratio Lower Upper
106 100
91 215.5 159.6 239.4





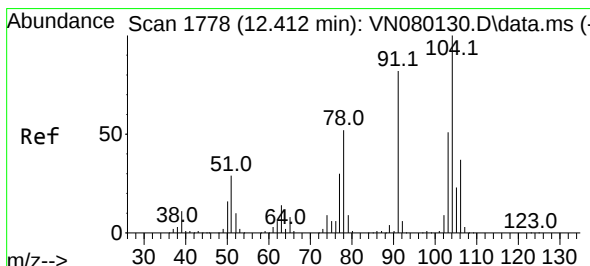
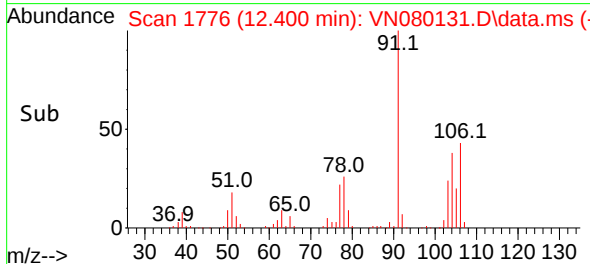
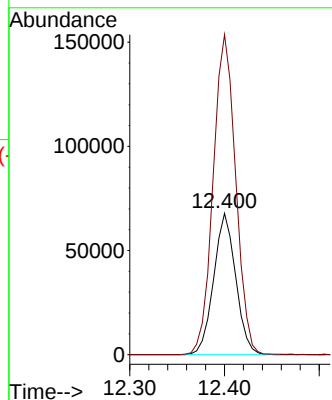
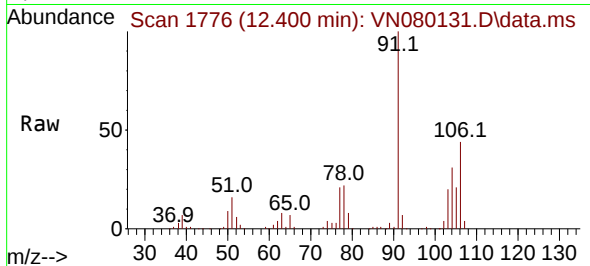
#69
o-Xylene
Concen: 20.847 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 109614
Ion Ratio Lower Upper
106 100
91 232.4 105.2 315.5

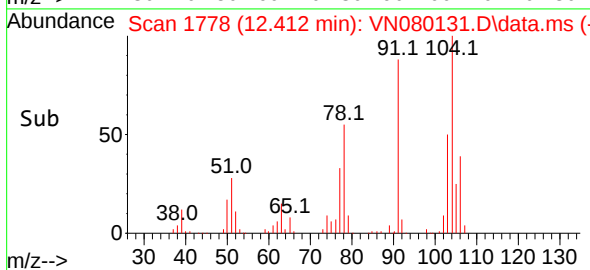
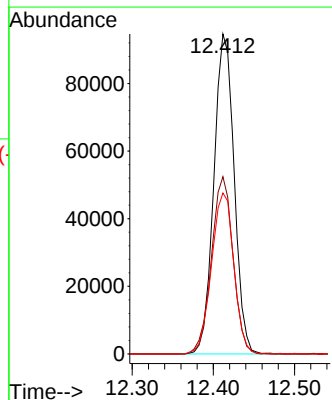
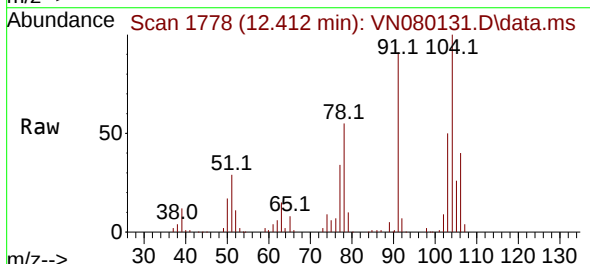
Manual Integrations
APPROVED

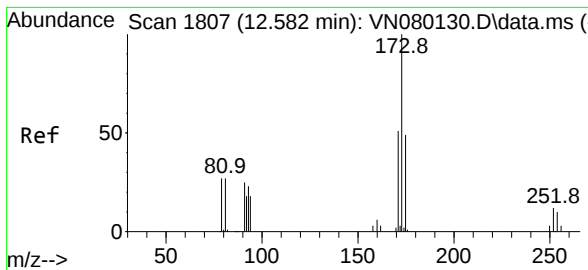
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 21.025 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:104 Resp: 164547
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 55.2 43.2 64.8





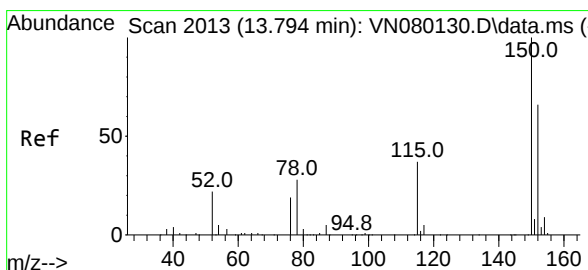
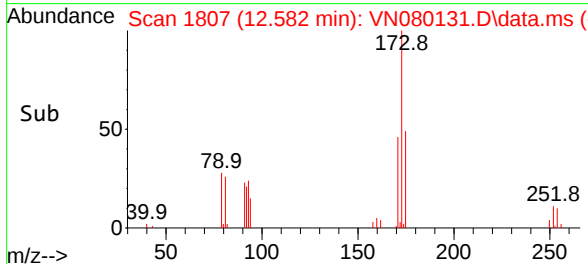
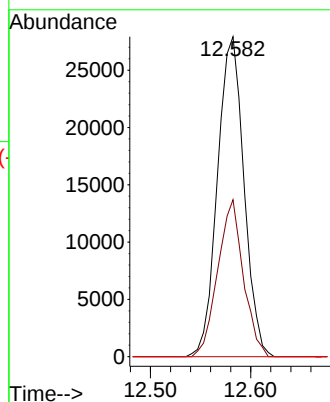
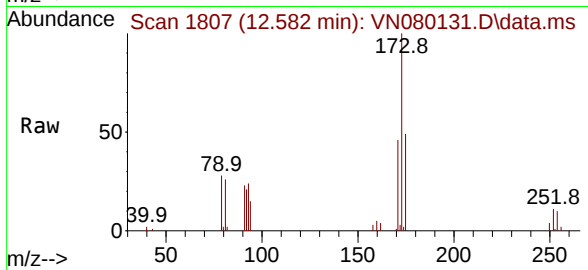
#71
Bromoform
Concen: 20.659 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 5112
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

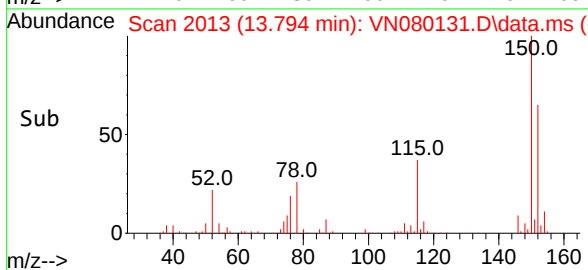
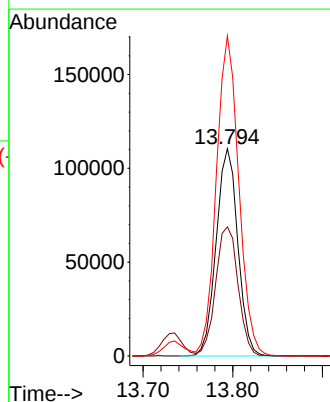
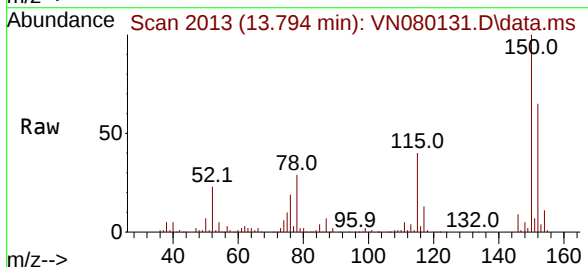
Manual Integrations
APPROVED

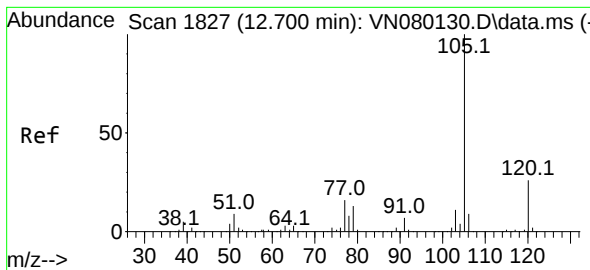
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion:152 Resp: 184941
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 159.7 0.0 355.8





#73

Isopropylbenzene

Concen: 20.816 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 299149

Ion Ratio Lower Upper

105 100

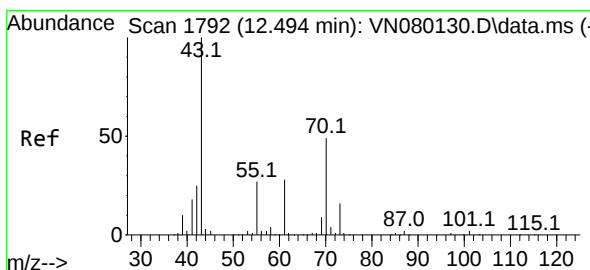
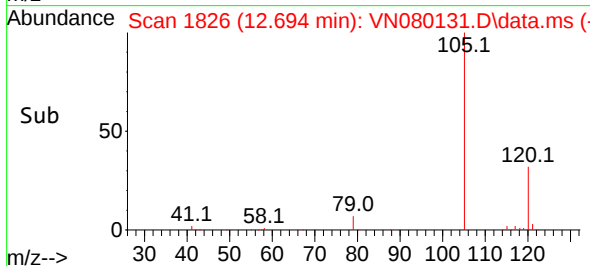
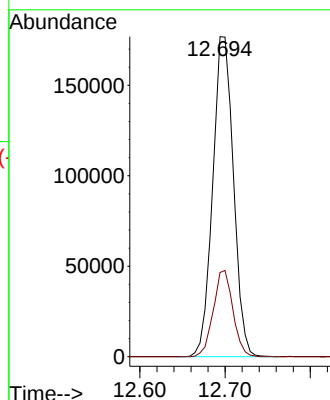
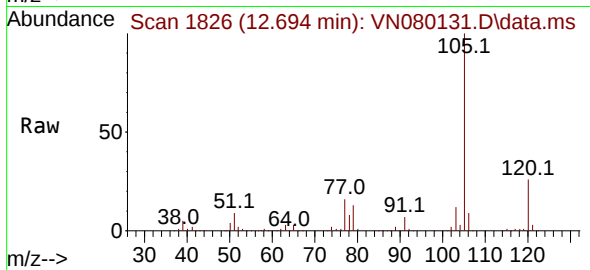
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#74

N-ethyl acetate

Concen: 20.911 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Tgt Ion: 43 Resp: 93716

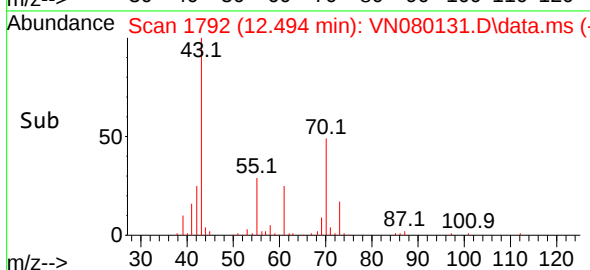
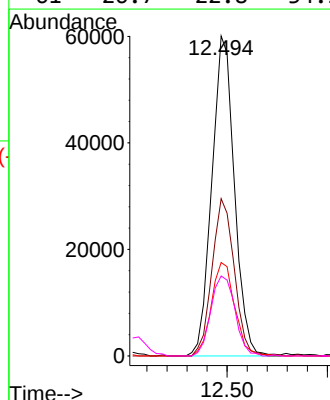
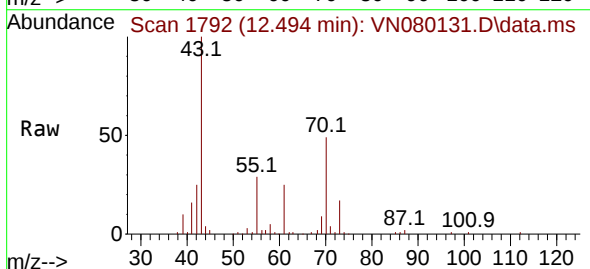
Ion Ratio Lower Upper

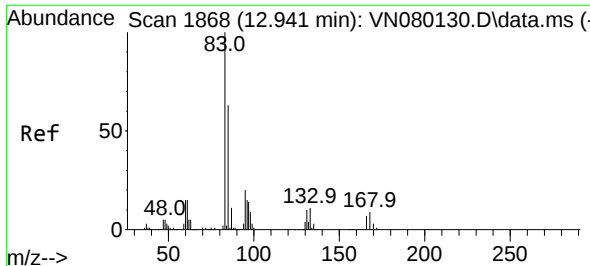
43 100

70 48.4 43.4 65.2

55 30.3 21.4 32.0

61 26.7 22.8 34.2





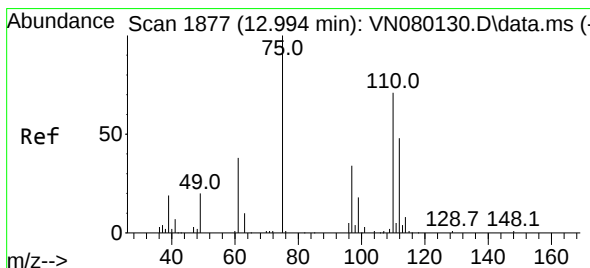
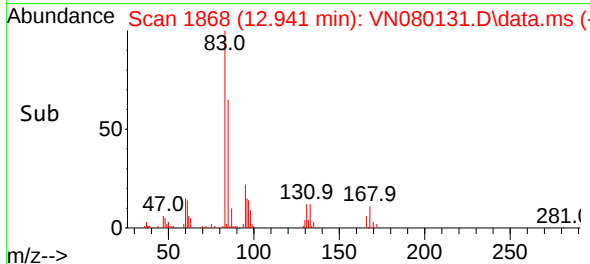
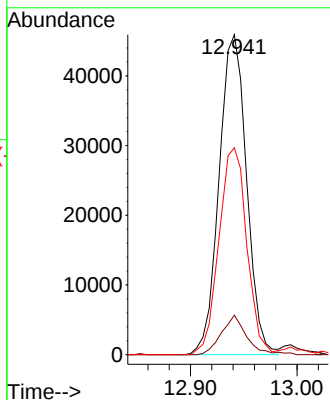
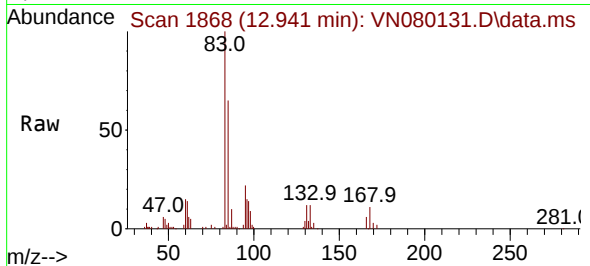
#75
1,1,2,2-Tetrachloroethane
Concen: 19.142 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 82334
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 65.5 31.9 95.7

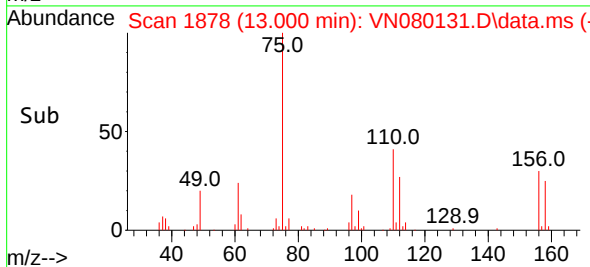
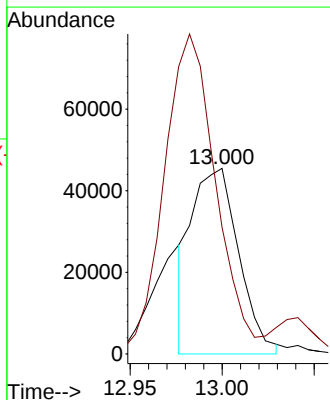
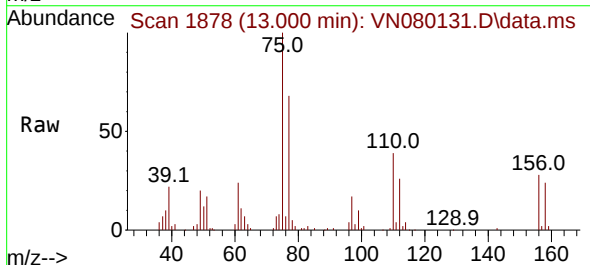
Manual Integrations
APPROVED

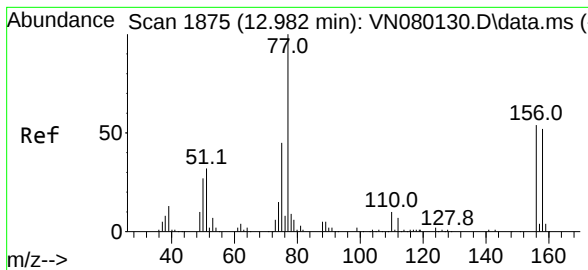
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 17.869 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

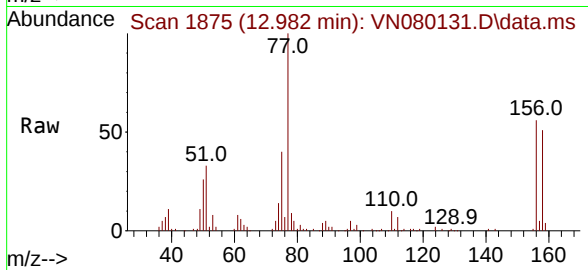
Tgt Ion: 75 Resp: 80576
Ion Ratio Lower Upper
75 100
77 189.2 84.5 253.5





#77
Bromobenzene
Concen: 20.064 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

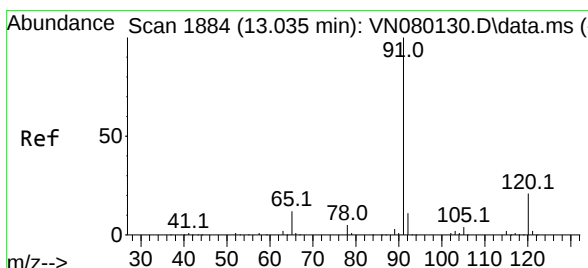
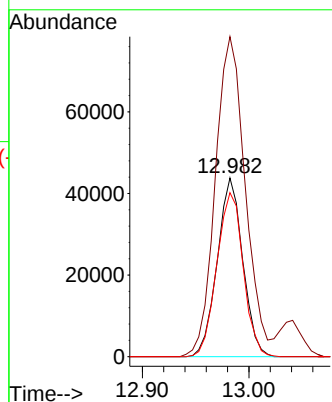
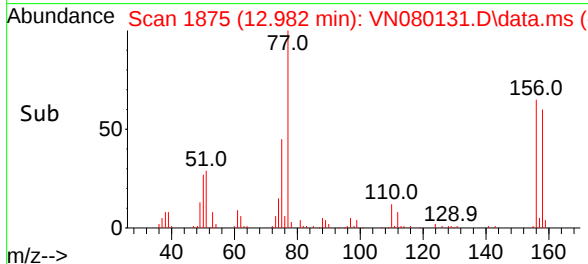
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



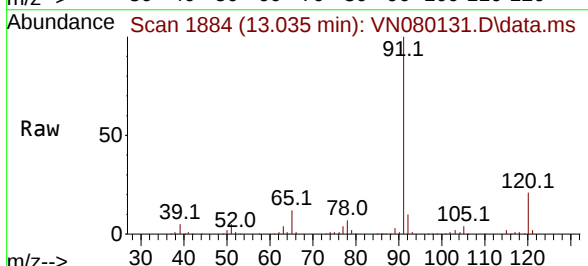
Tgt Ion:156 Resp: 72698
Ion Ratio Lower Upper
156 100
77 209.7 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
APPROVED

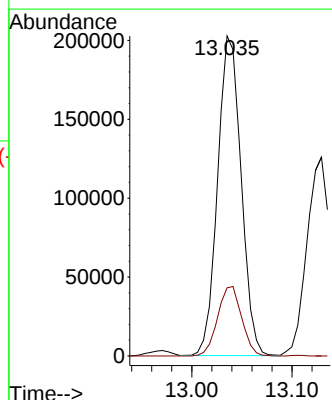
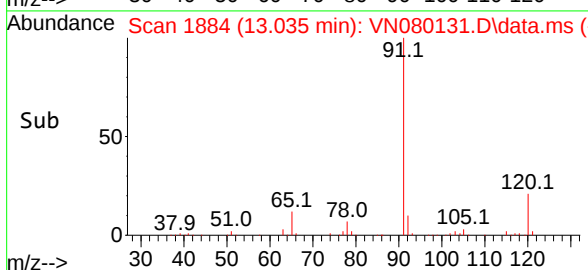
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

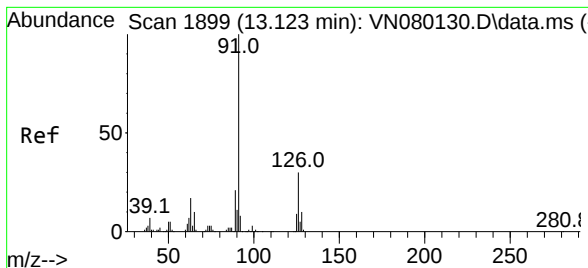


#78
n-propylbenzene
Concen: 20.521 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 91 Resp: 329789
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





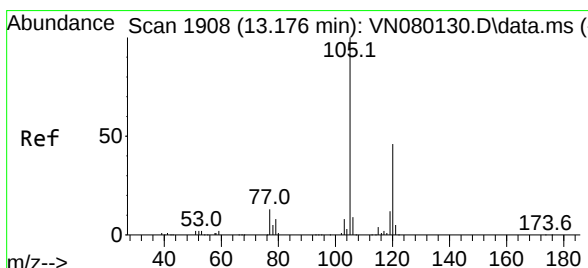
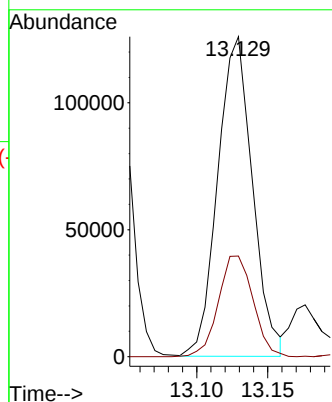
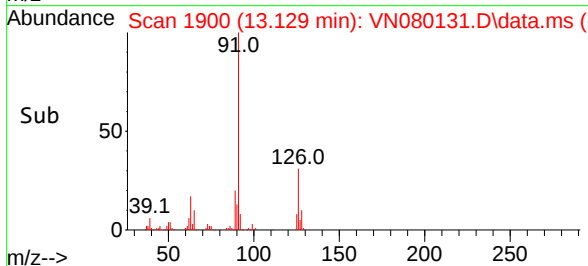
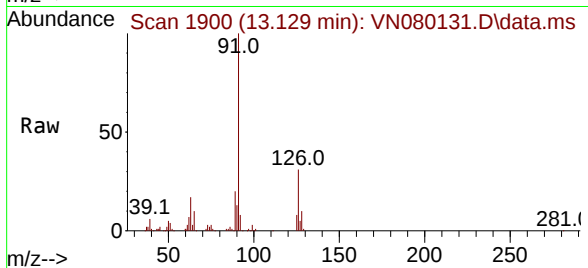
#79
2-Chlorotoluene
Concen: 20.499 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 213960
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

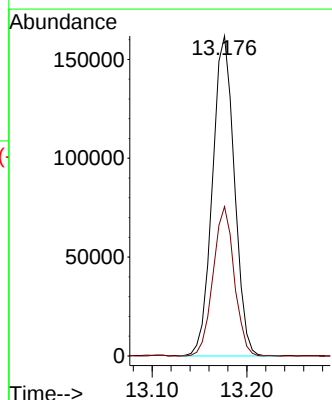
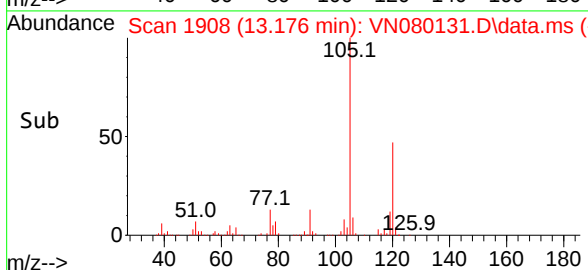
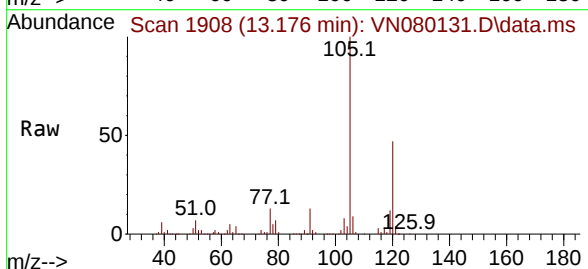
Manual Integrations
APPROVED

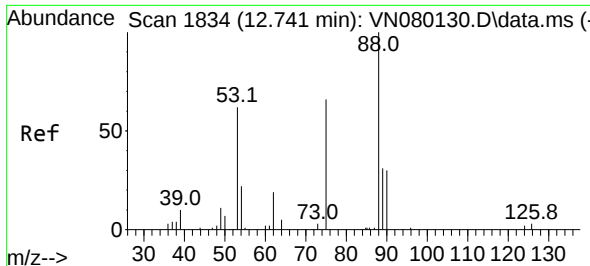
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.795 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

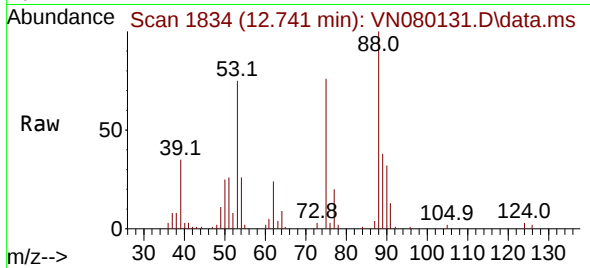
Tgt Ion:105 Resp: 260155
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.207 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

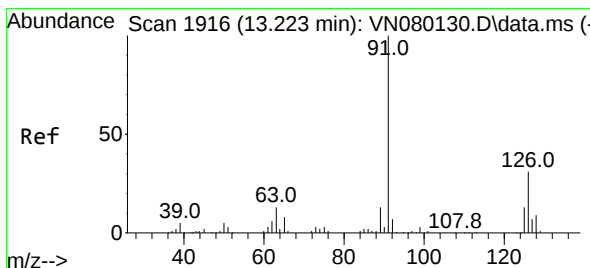
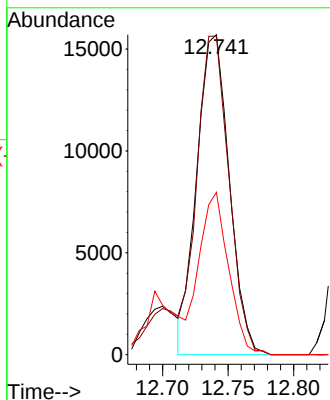
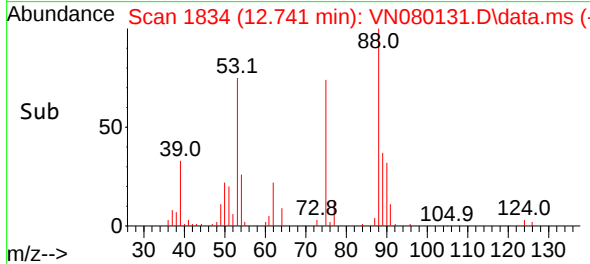
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 2710
Ion Ratio Lower Upper
75 100
53 112.9 67.4 101.2
89 45.4 38.8 58.2

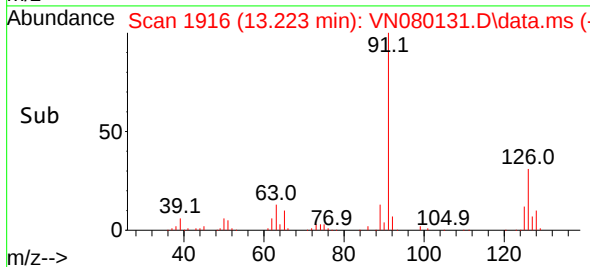
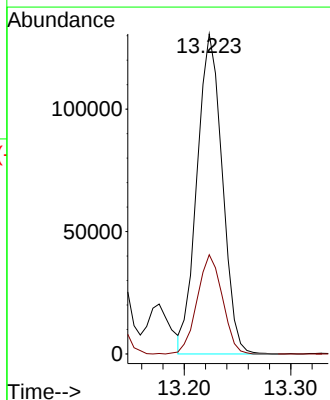
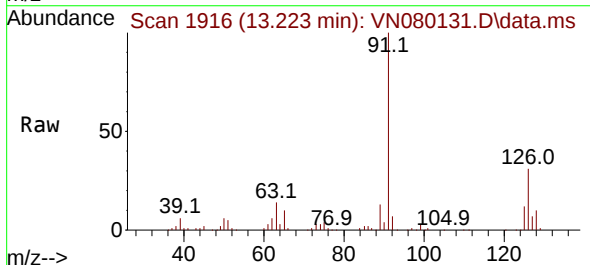
Manual Integrations
APPROVED

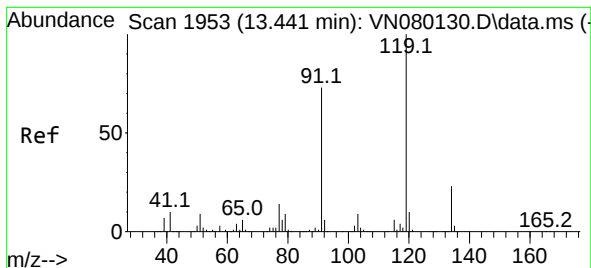
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 20.173 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Tgt Ion: 91 Resp: 215709
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





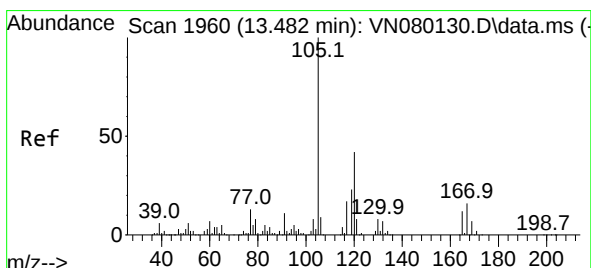
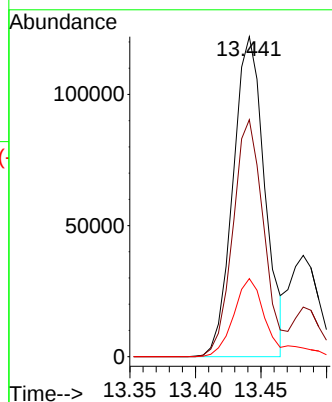
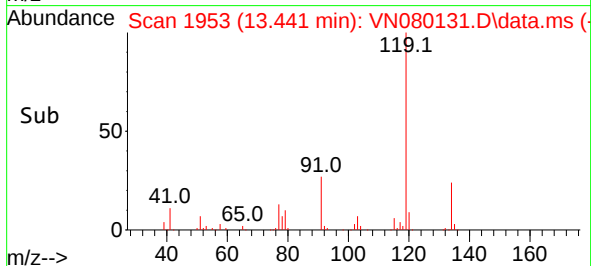
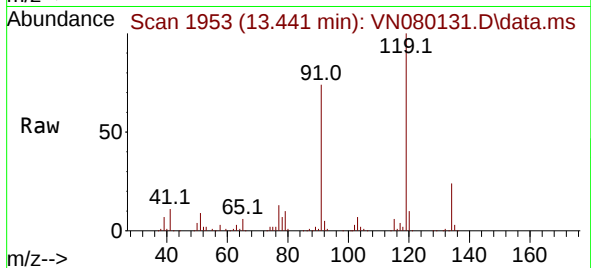
#83
tert-Butylbenzene
Concen: 20.468 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 20534
Ion Ratio Lower Upper
119 100
91 72.8 33.9 101.7
134 26.1 13.2 39.6

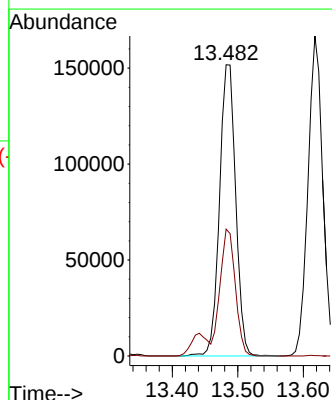
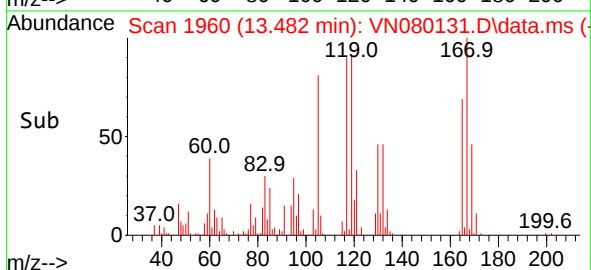
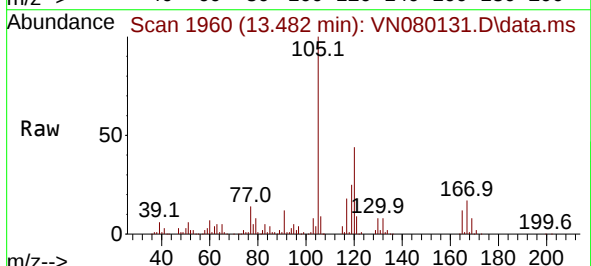
Manual Integrations
APPROVED

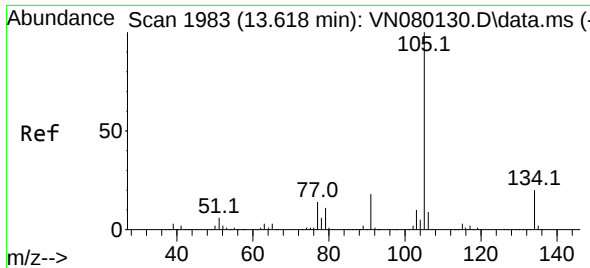
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.011 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

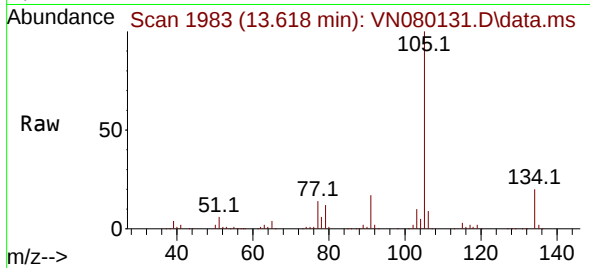
Tgt Ion:105 Resp: 258827
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.502 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

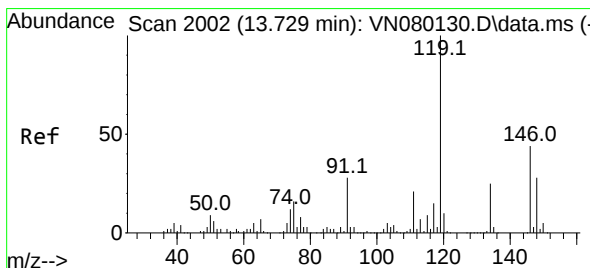
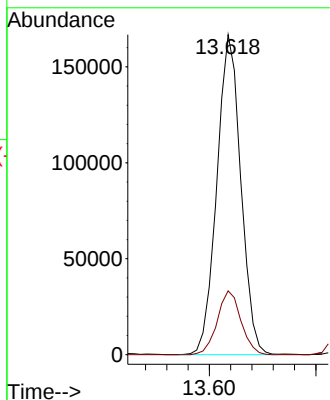
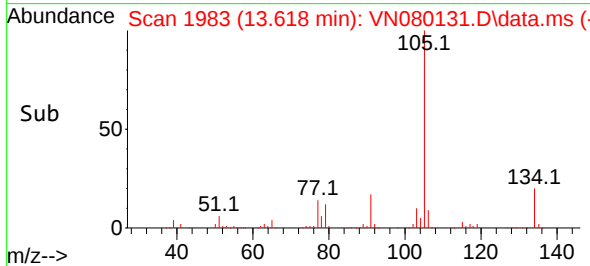
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



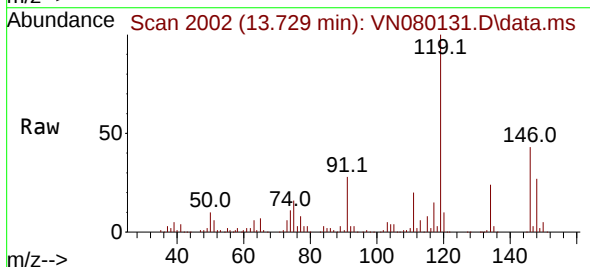
Tgt Ion:105 Resp: 26019
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

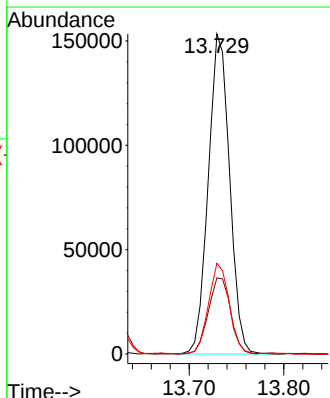
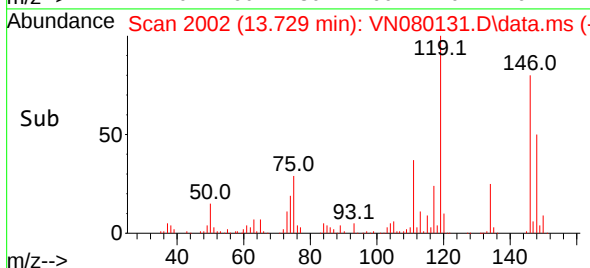
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

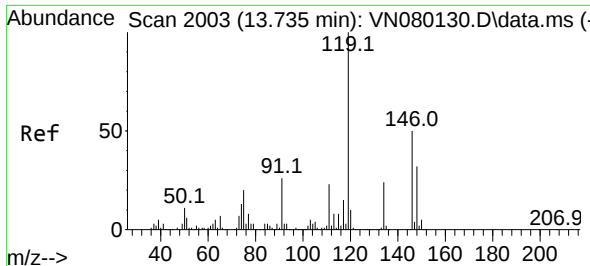


#86
 p-Isopropyltoluene
 Concen: 21.141 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22



Tgt Ion:119 Resp: 239673
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.5 12.4 37.2





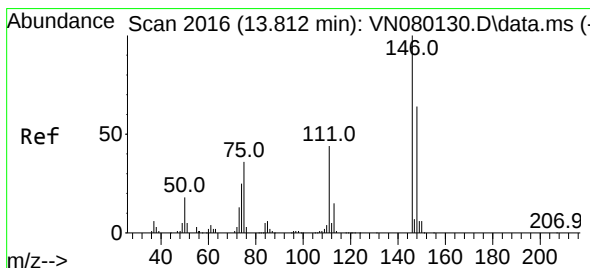
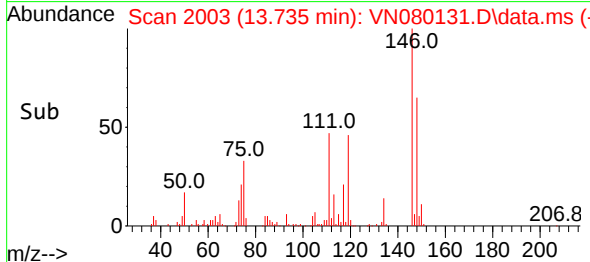
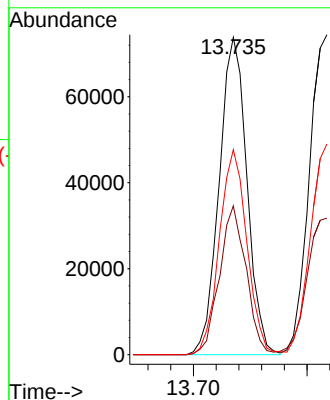
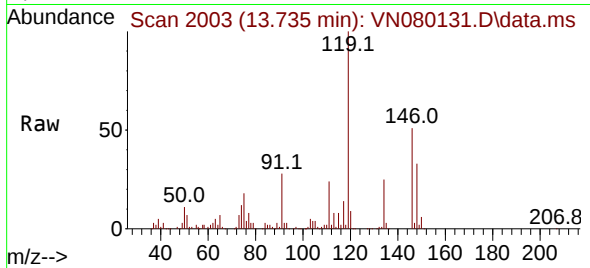
#87
 1,3-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 125399
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.1 66.3
 148 64.2 32.0 96.0

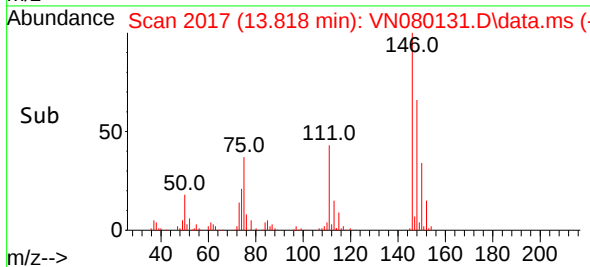
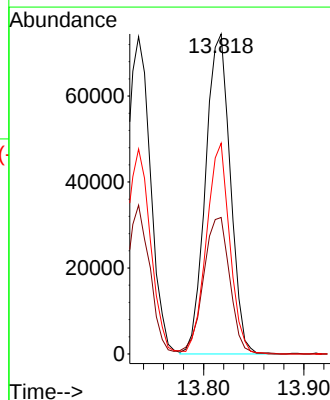
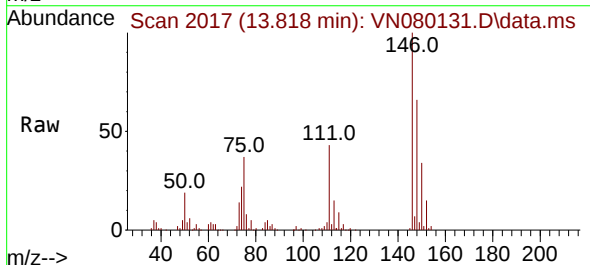
Manual Integrations
 APPROVED

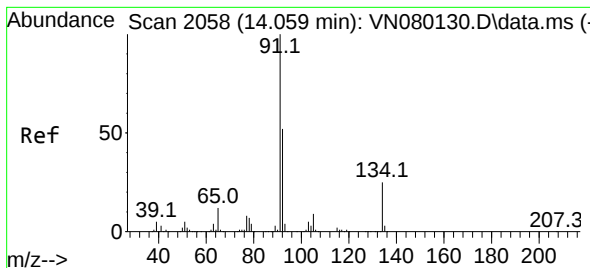
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#88
 1,4-Dichlorobenzene
 Concen: 19.485 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080131.D
 Acq: 16 Nov 2023 12:22

Tgt Ion:146 Resp: 127829
 Ion Ratio Lower Upper
 146 100
 111 45.4 20.6 61.8
 148 62.2 31.6 94.8





#89

n-Butylbenzene

Concen: 20.356 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

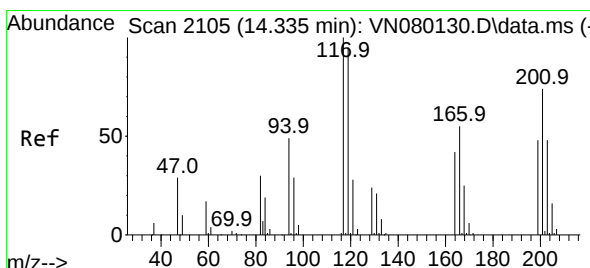
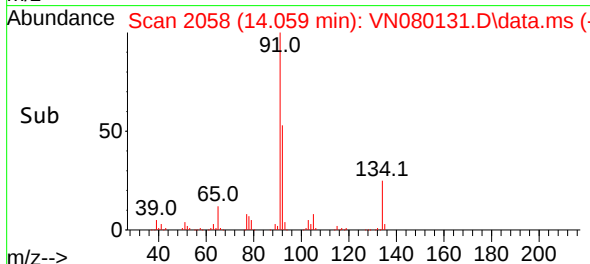
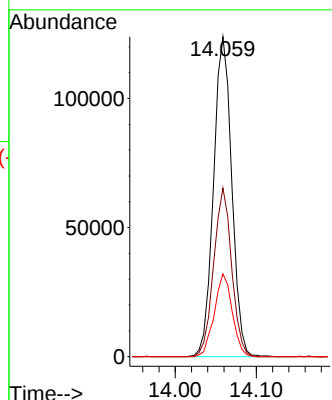
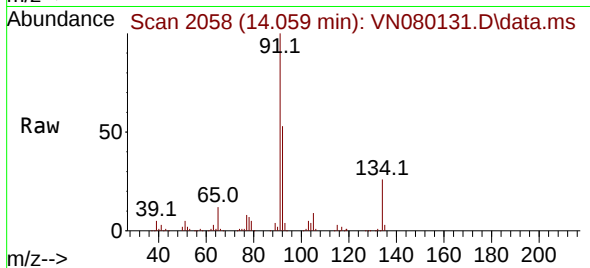
Tgt Ion:	91	Resp:	19315
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.4	79.0
134	25.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#90

Hexachloroethane

Concen: 19.363 ug/l

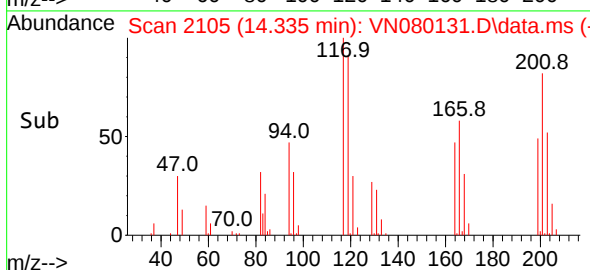
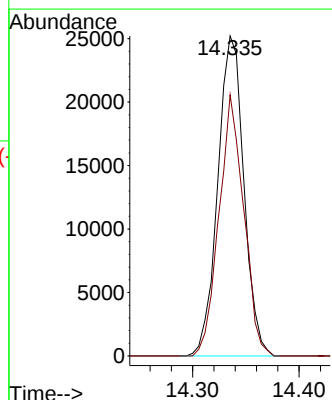
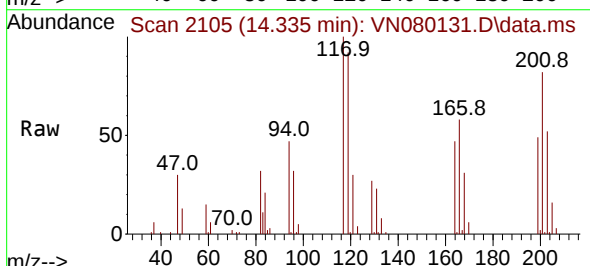
RT: 14.335 min Scan# 2105

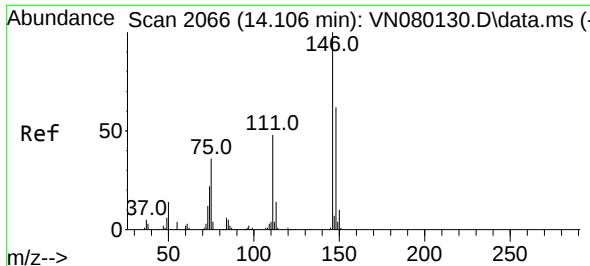
Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

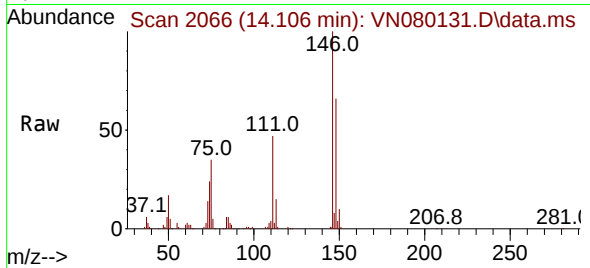
Tgt Ion:	117	Resp:	42796
Ion Ratio	Lower	Upper	
117	100		
201	77.6	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 19.465 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22

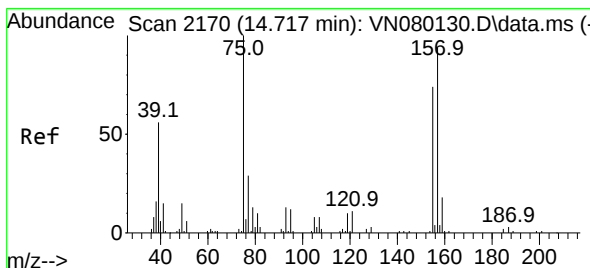
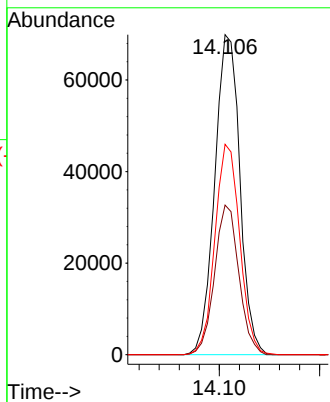
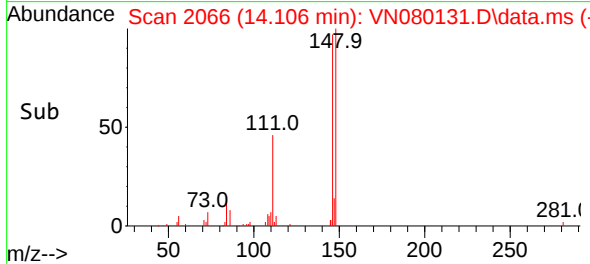
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



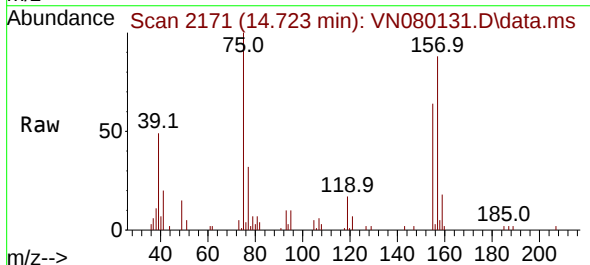
Tgt Ion:146 Resp: 121594
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 65.0 31.8 95.3

Manual Integrations
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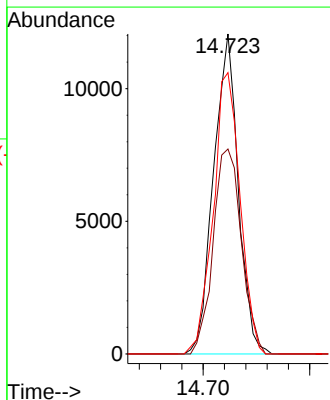
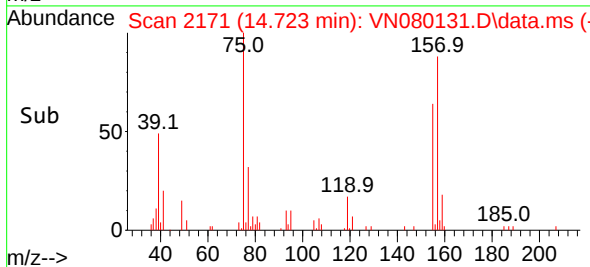
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

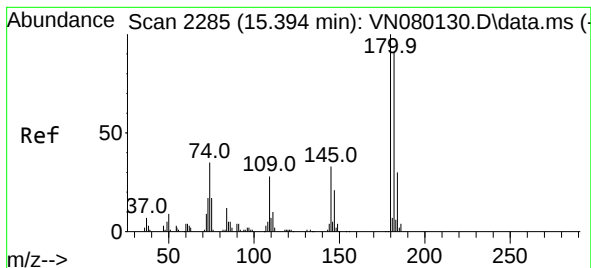


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.399 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080131.D
Acq: 16 Nov 2023 12:22



Tgt Ion: 75 Resp: 19381
Ion Ratio Lower Upper
75 100
155 73.4 39.1 117.2
157 95.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.501 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 67219

Ion Ratio Lower Upper

180 100

182 98.8 46.1 138.2

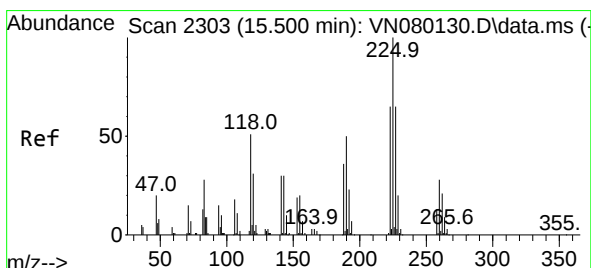
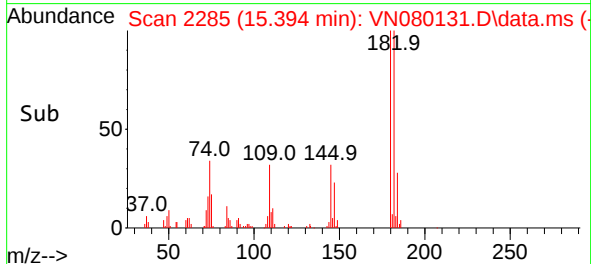
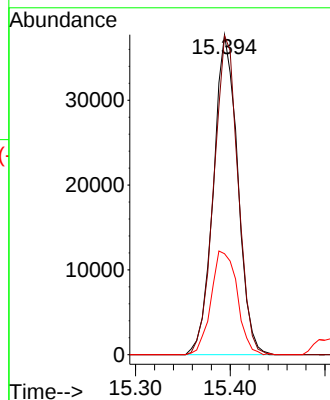
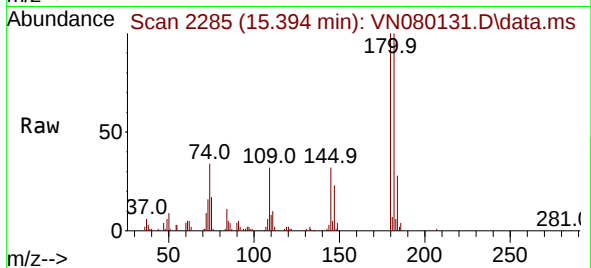
145 34.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 18.690 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

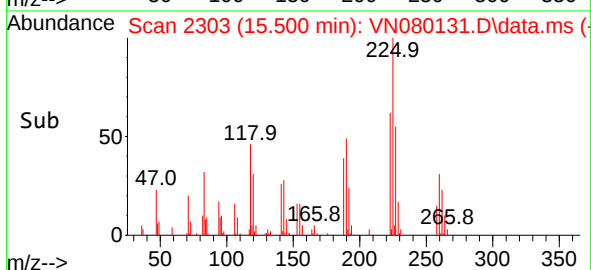
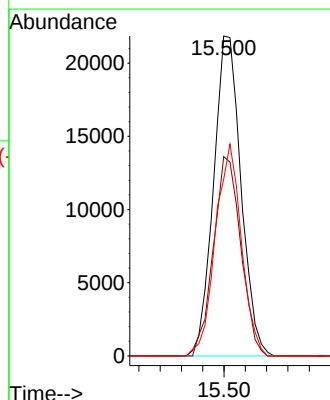
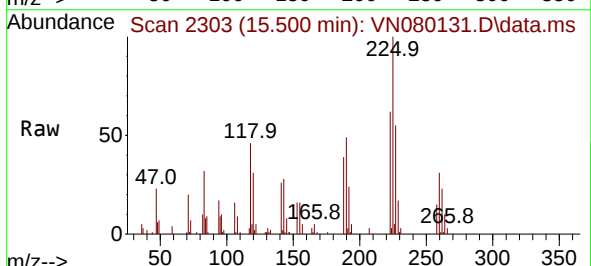
Tgt Ion:225 Resp: 39078

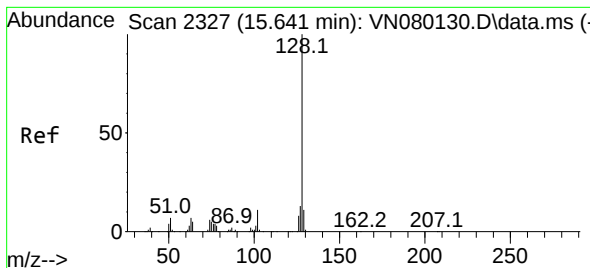
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 18.900 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 199124

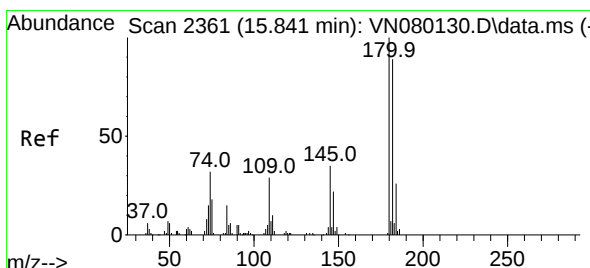
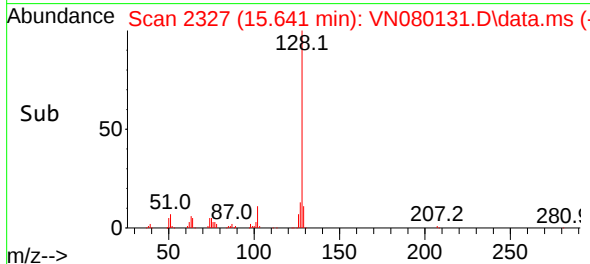
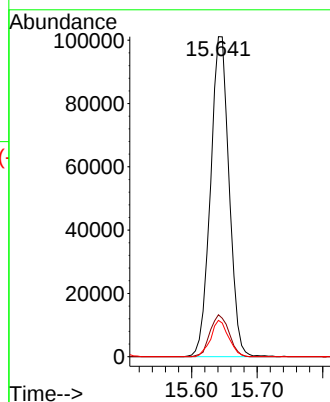
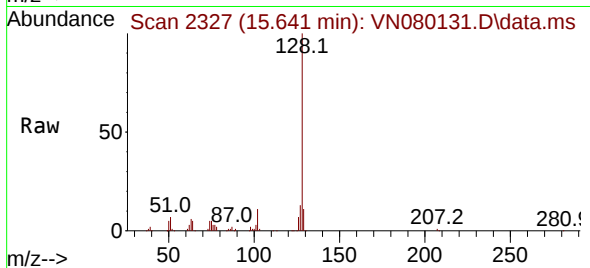
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.278 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080131.D

Acq: 16 Nov 2023 12:22

Tgt Ion:180 Resp: 65650

Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.2	138.6
145	35.4	17.5	52.6

