

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080130.D
 Acq On : 16 Nov 2023 11:58
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 01:05:32 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	259344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197501	46.122	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.240%
35) Dibromofluoromethane	8.165	113	139700	46.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	10.565	98	528324	48.977	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.847	95	198318	48.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	192739	49.892	ug/l	98
3) Chloromethane	2.359	50	141030	48.557	ug/l	99
4) Vinyl Chloride	2.512	62	151111	49.163	ug/l	97
5) Bromomethane	2.948	94	98276	47.099	ug/l	96
6) Chloroethane	3.118	64	95400	50.229	ug/l	98
7) Trichlorofluoromethane	3.495	101	319095	49.767	ug/l	100
8) Diethyl Ether	3.959	74	91549	49.096	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	143026	48.804	ug/l	95
10) Methyl Iodide	4.589	142	168079	53.069	ug/l	89
11) Tert butyl alcohol	5.518	59	116717	247.856	ug/l	100
12) 1,1-Dichloroethene	4.342	96	134917	49.220	ug/l #	84
13) Acrolein	4.177	56	95351	228.799	ug/l	100
14) Allyl chloride	5.024	41	174257	50.529	ug/l	94
15) Acrylonitrile	5.718	53	309418	244.761	ug/l	99
16) Acetone	4.424	43	309975	215.518	ug/l	96
17) Carbon Disulfide	4.712	76	387657	47.364	ug/l	99
18) Methyl Acetate	5.018	43	211262	45.716	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	487647	50.376	ug/l	97
20) Methylene Chloride	5.277	84	150470	49.957	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	147219	48.889	ug/l #	77
22) Diisopropyl ether	6.671	45	384607	50.407	ug/l	96
23) Vinyl Acetate	6.600	43	1185496	258.465	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	262948	47.316	ug/l	99
25) 2-Butanone	7.483	43	392393	229.624	ug/l	89
26) 2,2-Dichloropropane	7.489	77	276778	50.200	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	166948	48.900	ug/l	87
28) Bromochloromethane	7.818	49	101488	46.453	ug/l	95
29) Tetrahydrofuran	7.836	42	233169	254.153	ug/l	90
30) Chloroform	7.971	83	303736	48.900	ug/l	93
31) Cyclohexane	8.259	56	223367	47.964	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	301613	49.792	ug/l	98
36) 1,1-Dichloropropene	8.377	75	220547	50.905	ug/l	96
37) Ethyl Acetate	7.559	43	149381	49.708	ug/l	97
38) Carbon Tetrachloride	8.365	117	279078	50.760	ug/l	98
39) Methylcyclohexane	9.600	83	225108	53.887	ug/l	90
40) Benzene	8.606	78	605502	49.174	ug/l	98

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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)
41) Methacrylonitrile	7.777	41	84056	50.932	ug/l	92
42) 1,2-Dichloroethane	8.671	62	253720	50.364	ug/l	94
43) Isopropyl Acetate	8.688	43	271788	46.475	ug/l	97
44) Trichloroethene	9.353	130	157862	48.874	ug/l	100
45) 1,2-Dichloropropane	9.624	63	142418	49.770	ug/l	96
46) Dibromomethane	9.712	93	107615	49.681	ug/l	91
47) Bromodichloromethane	9.888	83	241277	50.637	ug/l	97
48) Methyl methacrylate	9.683	41	155692	51.661	ug/l	90
49) 1,4-Dioxane	9.694	88	47510	947.617	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	772650	255.199	ug/l	98
52) Toluene	10.630	92	391801	50.844	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	254303	51.947	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	262905	52.566	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	143535	48.802	ug/l	99
56) Ethyl methacrylate	10.877	69	167700	55.814	ug/l	93
57) 1,3-Dichloropropane	11.165	76	256086	49.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	412422	243.644	ug/l	96
59) 2-Hexanone	11.194	43	599402	246.375	ug/l	96
60) Dibromochloromethane	11.359	129	179814	51.066	ug/l	98
61) 1,2-Dibromoethane	11.471	107	149073	49.683	ug/l	98
64) Tetrachloroethene	11.106	164	135307	48.535	ug/l	95
65) Chlorobenzene	11.894	112	406478	49.107	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	165091	51.396	ug/l	94
67) Ethyl Benzene	11.965	91	757484	51.428	ug/l	97
68) m/p-Xylenes	12.071	106	561607	104.577	ug/l	88
69) o-Xylene	12.400	106	266663	52.689	ug/l	86
70) Styrene	12.412	104	402334	53.410	ug/l	93
71) Bromoform	12.582	173	119415	50.131	ug/l #	100
73) Isopropylbenzene	12.700	105	718602	52.164	ug/l	99
74) N-amyl acetate	12.494	43	222605	51.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	193514	46.935	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	212722m	49.214	ug/l	
77) Bromobenzene	12.982	156	171980	49.517	ug/l	98
78) n-propylbenzene	13.035	91	813609	52.816	ug/l	98
79) 2-Chlorotoluene	13.123	91	507806	50.755	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	620887	51.776	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	65975	51.317	ug/l #	86
82) 4-Chlorotoluene	13.223	91	516880	50.429	ug/l	97
83) tert-Butylbenzene	13.441	119	509976	53.031	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	620982	52.590	ug/l	96
85) sec-Butylbenzene	13.618	105	650178	53.446	ug/l	100
86) p-Isopropyltoluene	13.729	119	586497	53.969	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	302584	48.355	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	299382	47.608	ug/l	97
89) n-Butylbenzene	14.059	91	496281	54.561	ug/l	100
90) Hexachloroethane	14.335	117	106152	50.105	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	293914	49.083	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44978	46.966	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	167789	48.178	ug/l	96
94) Hexachlorobutadiene	15.500	225	93095	46.450	ug/l	100
95) Naphthalene	15.641	128	496803	49.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	160032	49.024	ug/l	97

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ClientSampleId :
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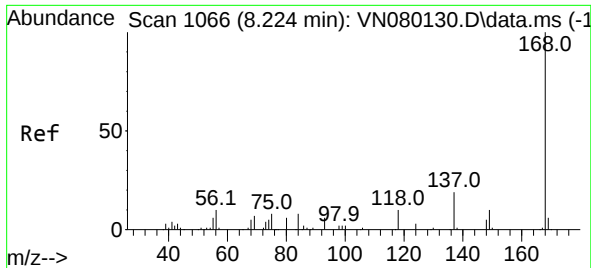
Manual Integrations
APPROVED

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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



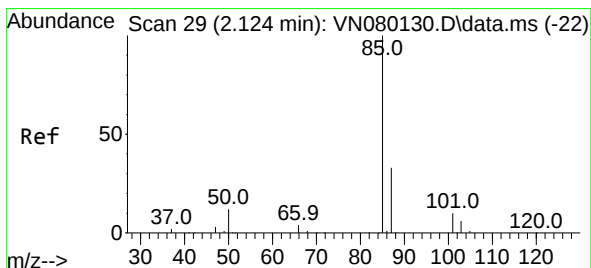
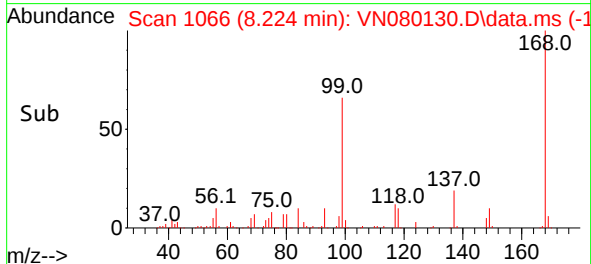
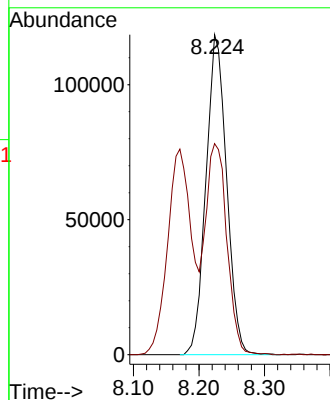
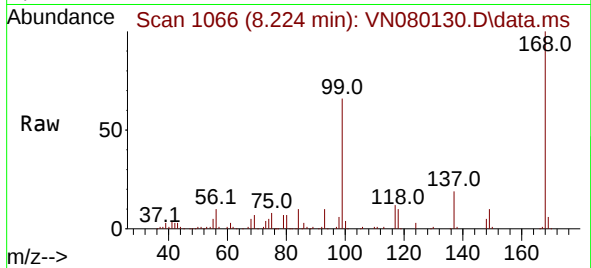
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 259344
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6

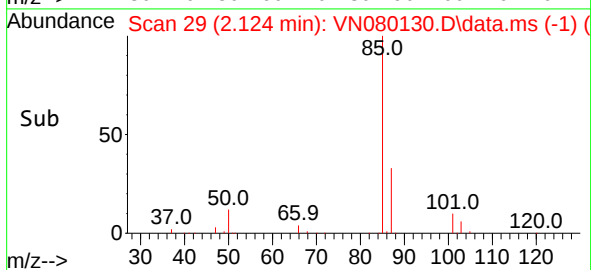
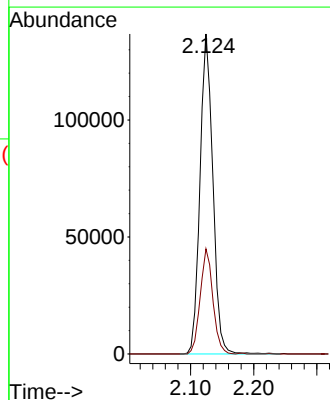
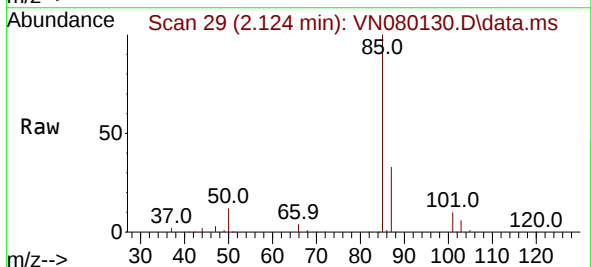
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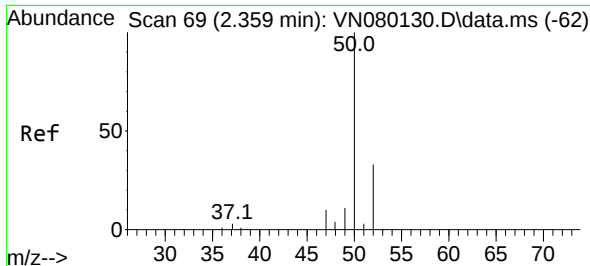
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 49.892 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 85 Resp: 192739
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





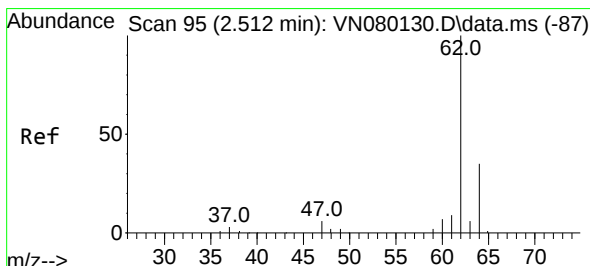
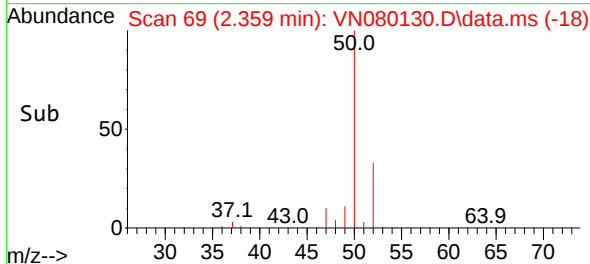
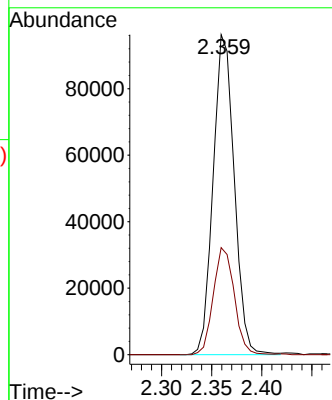
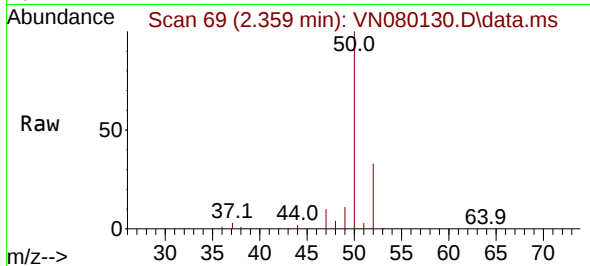
#3
Chloromethane
Concen: 48.557 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
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ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 141030
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

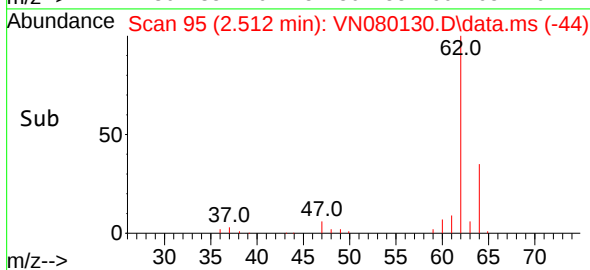
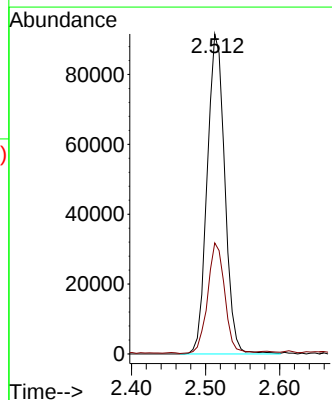
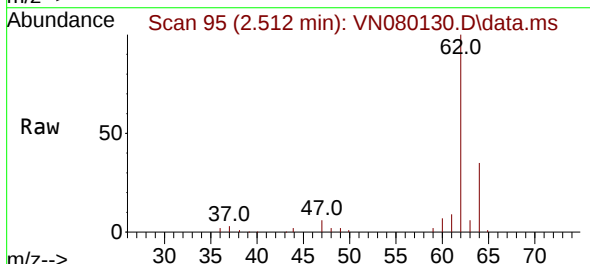
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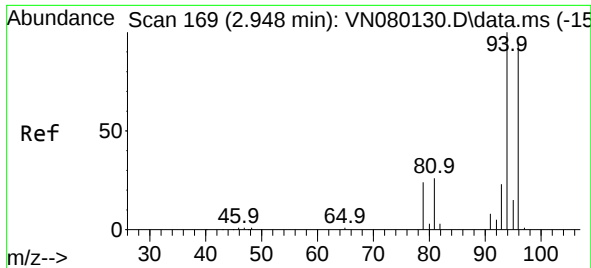
Reviewed By :John Carlone 11/17/2023
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#4
Vinyl Chloride
Concen: 49.163 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

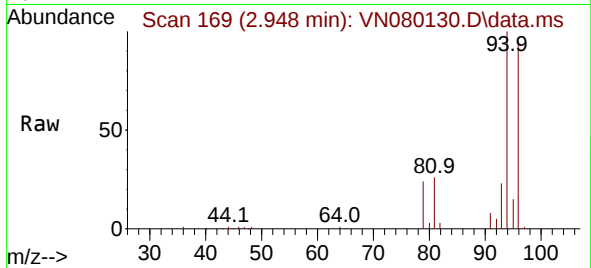
Tgt Ion: 62 Resp: 151111
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





#5
Bromomethane
Concen: 47.099 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

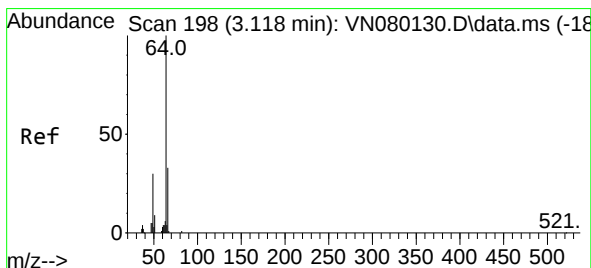
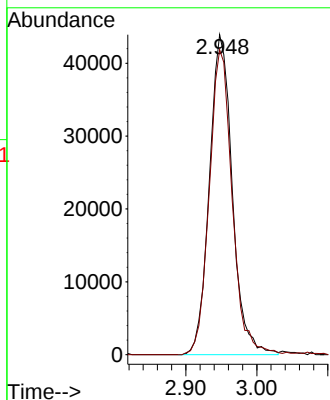
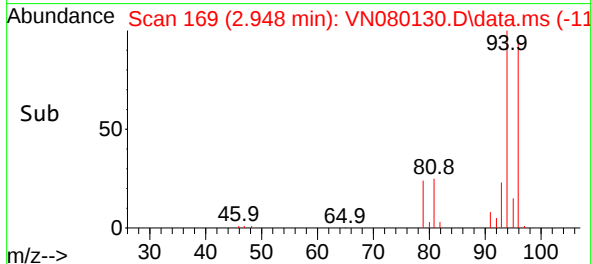
Instrument :
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Tgt Ion: 94 Resp: 98270
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

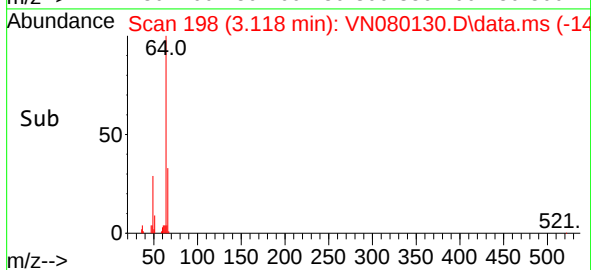
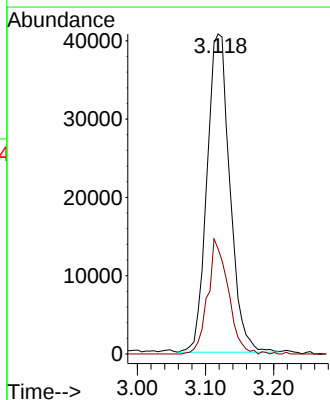
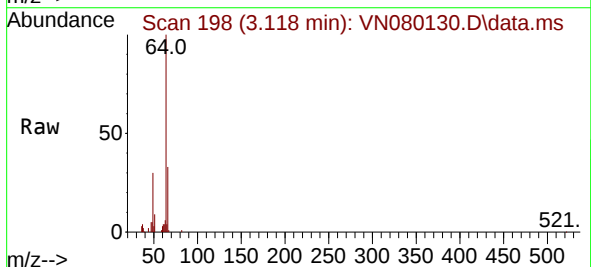
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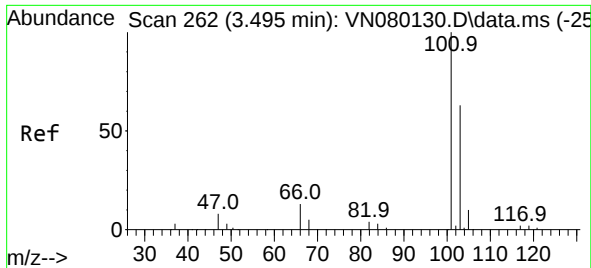
Reviewed By :John Carlone 11/17/2023
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#6
Chloroethane
Concen: 50.229 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 64 Resp: 95400
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





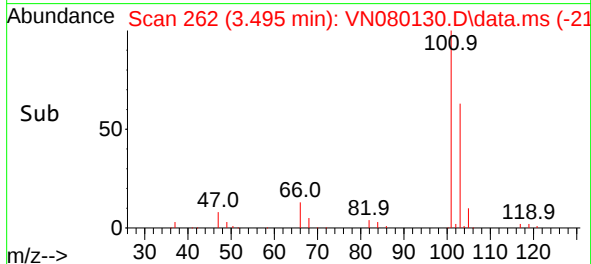
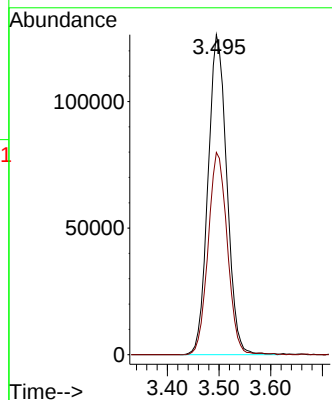
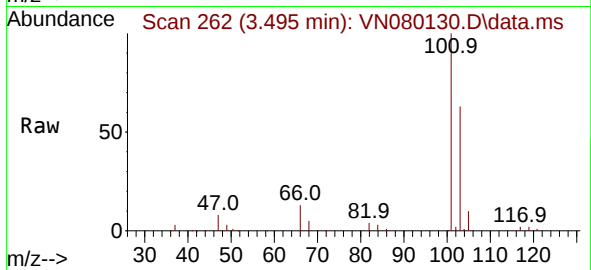
#7
 Trichlorofluoromethane
 Concen: 49.767 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 31909
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.7 76.1

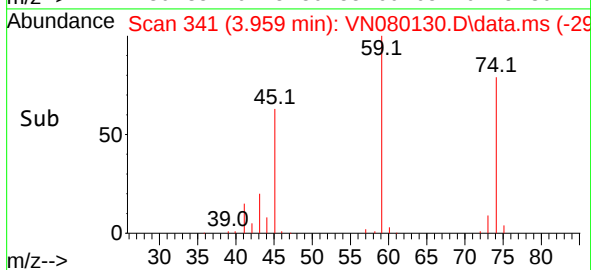
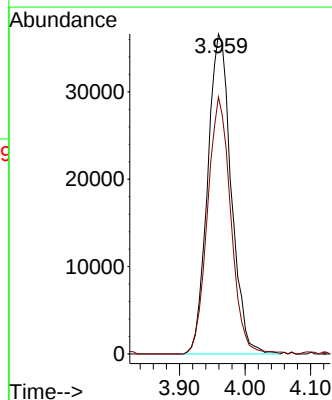
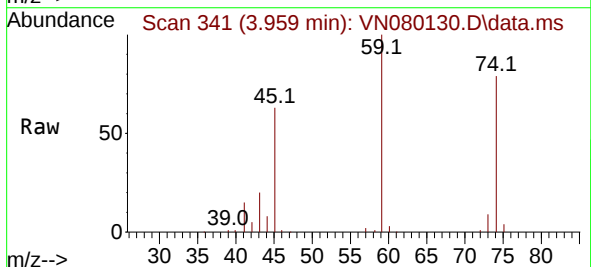
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#8
 Diethyl Ether
 Concen: 49.096 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Tgt Ion: 74 Resp: 91549
 Ion Ratio Lower Upper
 74 100
 45 79.3 34.4 103.3





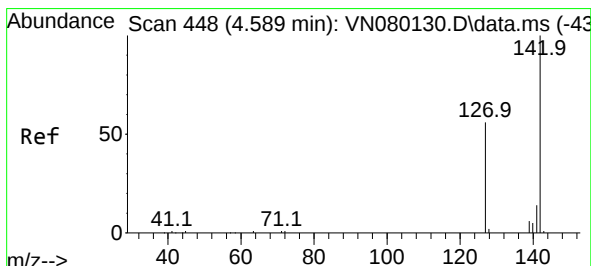
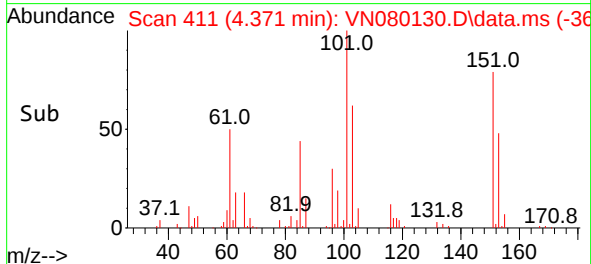
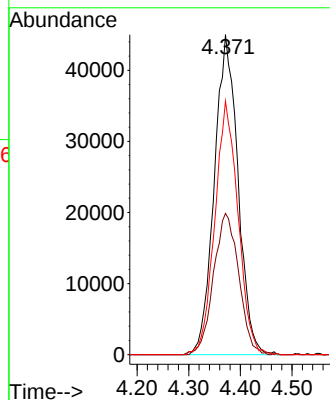
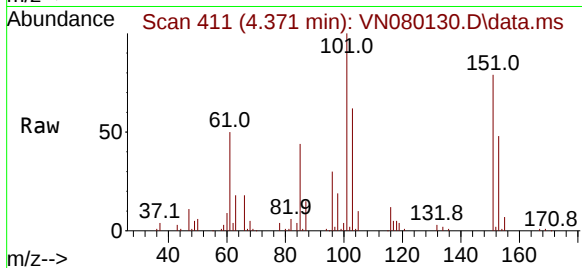
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1,1,2-Trichlorotrifluoroethane
Concen: 48.804 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080130.D
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Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 143020
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 77.7 57.6 86.4

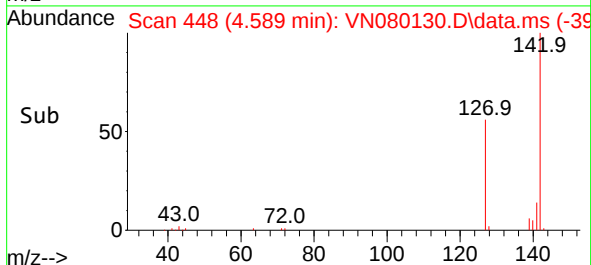
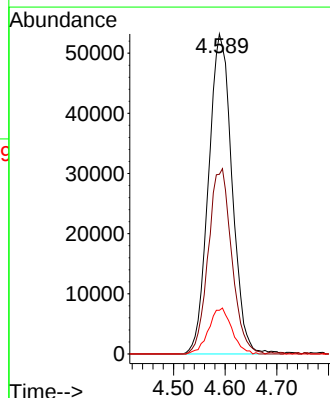
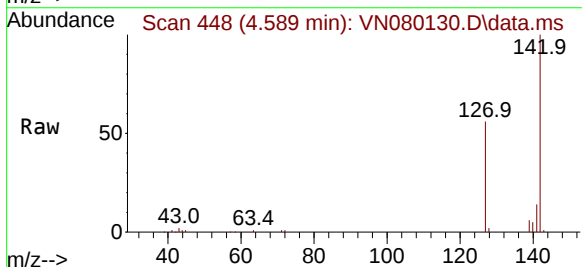
Manual Integrations
APPROVED

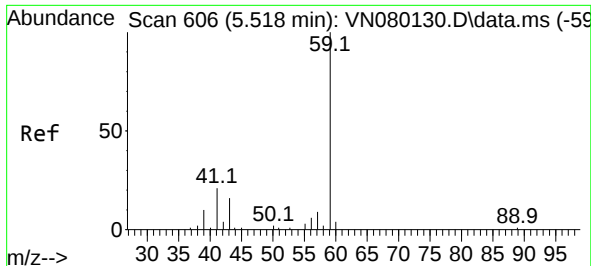
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 53.069 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:142 Resp: 168079
Ion Ratio Lower Upper
142 100
127 56.2 37.6 56.4
141 13.7 11.4 17.0





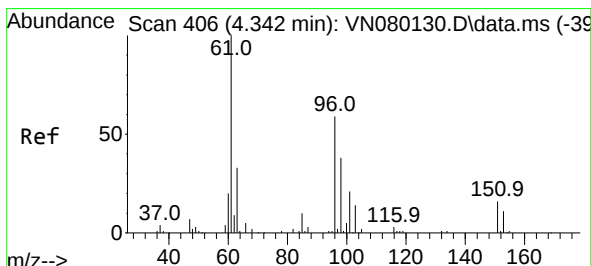
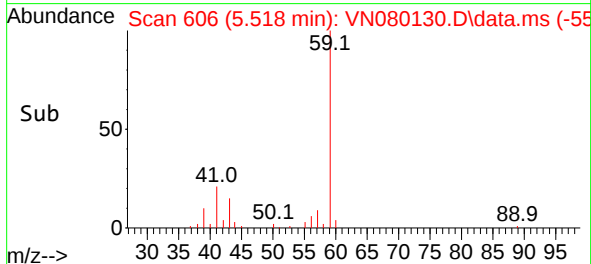
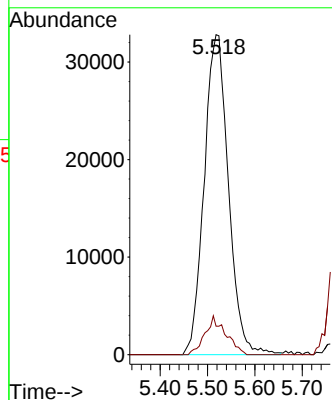
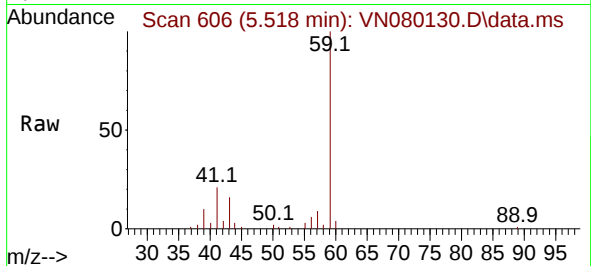
#11
Tert butyl alcohol
Concen: 247.856 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 116717
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

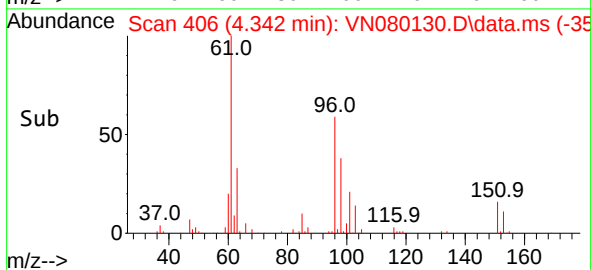
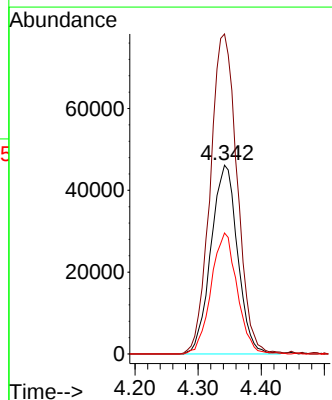
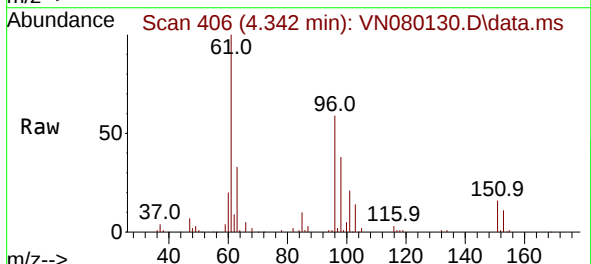
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 49.220 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 96 Resp: 134917
Ion Ratio Lower Upper
96 100
61 169.5 112.7 169.1#
98 64.1 51.2 76.8





#13

Acrolein

Concen: 228.799 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 9535

Ion Ratio Lower Upper

56 100

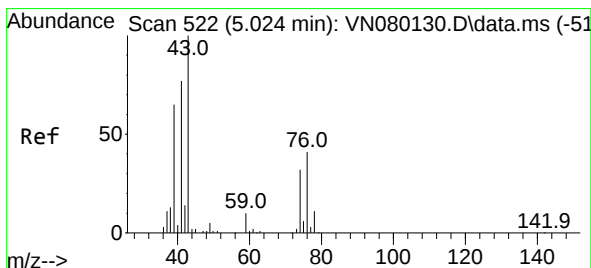
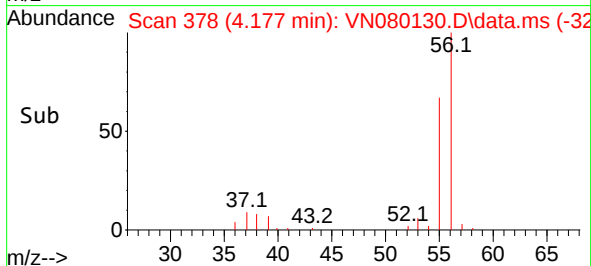
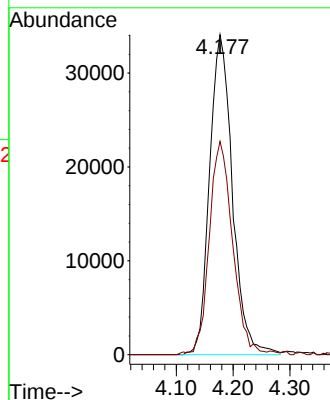
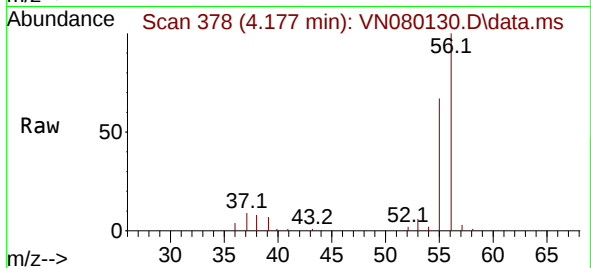
55 67.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#14

Allyl chloride

Concen: 50.529 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

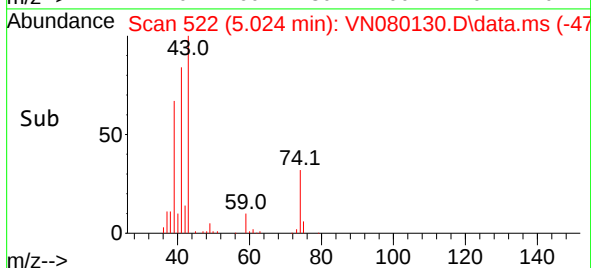
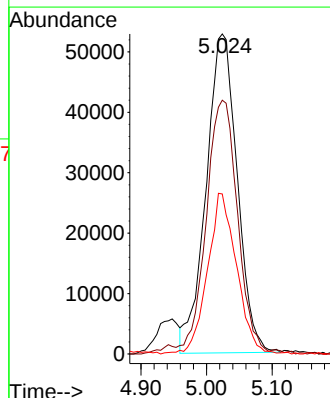
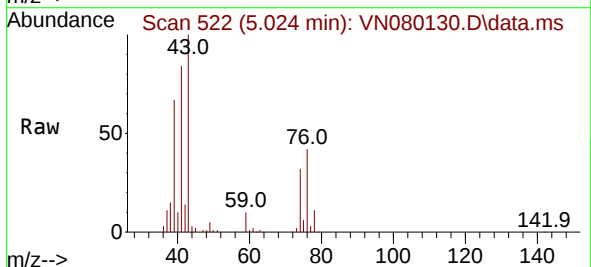
Tgt Ion: 41 Resp: 174257

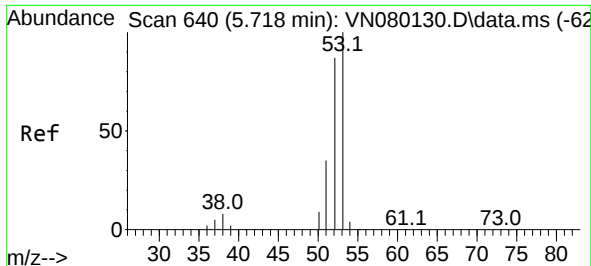
Ion Ratio Lower Upper

41 100

39 80.7 58.8 88.2

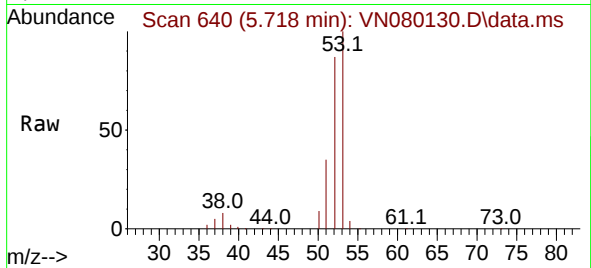
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 244.761 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

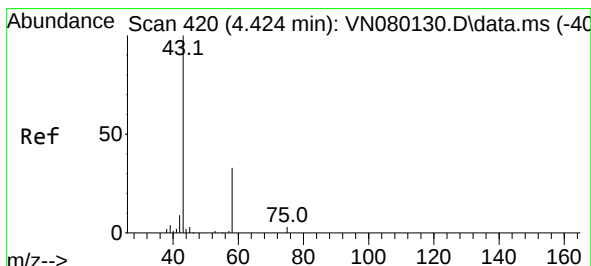
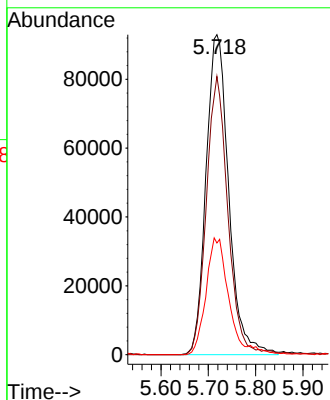
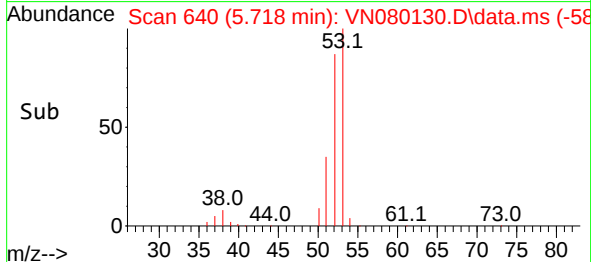
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



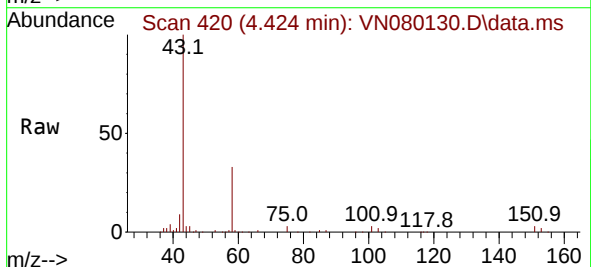
Tgt Ion: 53 Resp: 309418
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.2 28.9 43.3

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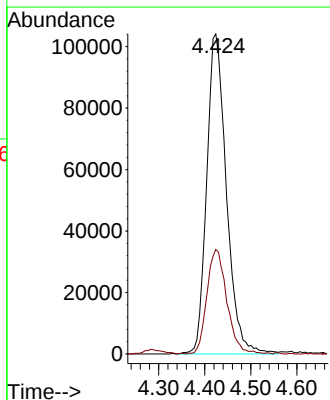
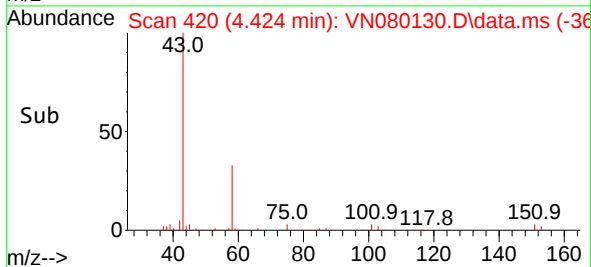
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

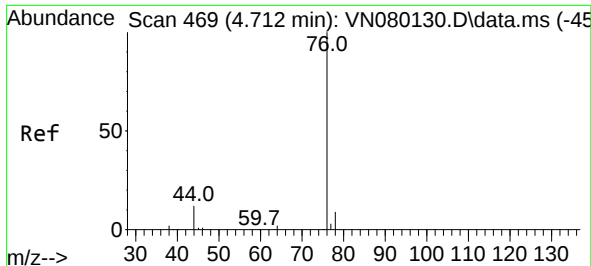


#16
Acetone
Concen: 215.518 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



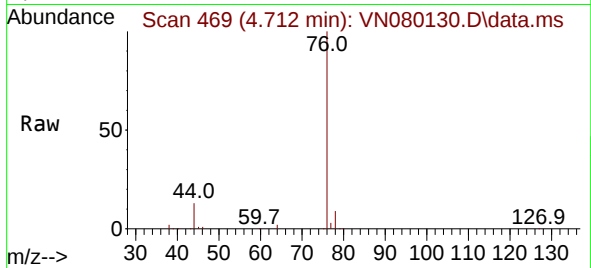
Tgt Ion: 43 Resp: 309975
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





#17
Carbon Disulfide
Concen: 47.364 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

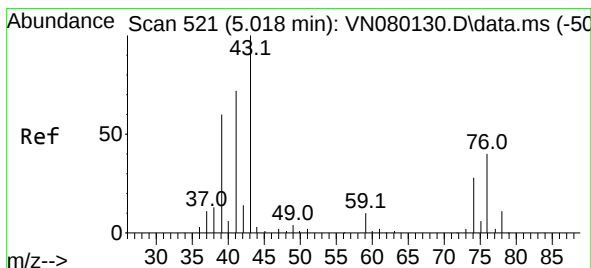
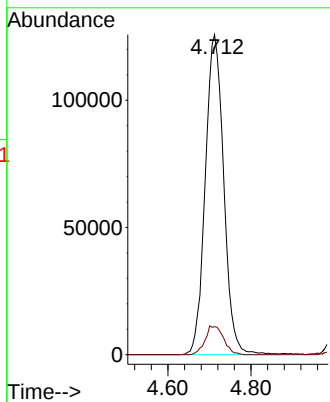
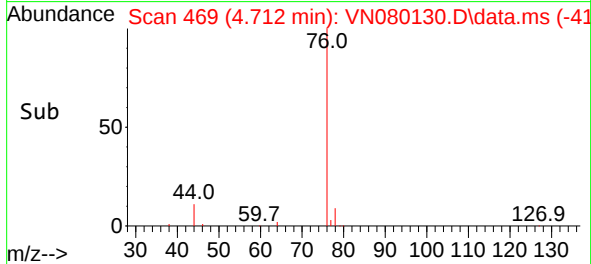
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



Tgt Ion: 76 Resp: 38765
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

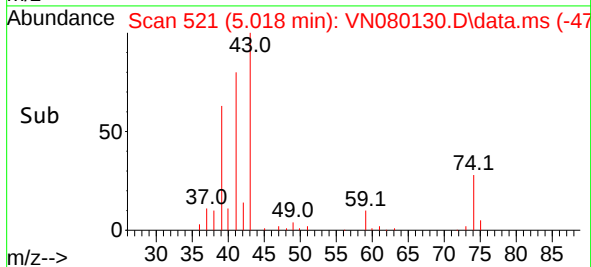
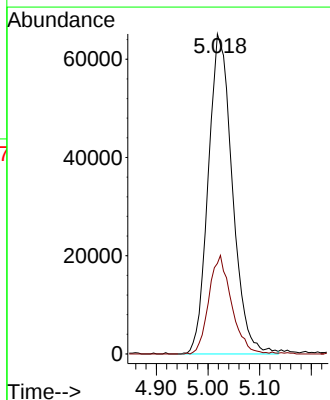
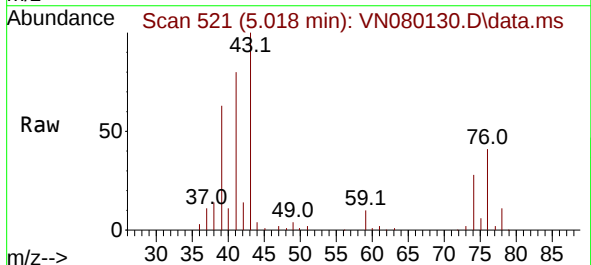
Manual Integrations
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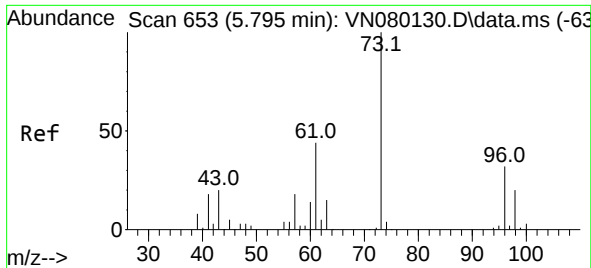
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 45.716 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 43 Resp: 211262
Ion Ratio Lower Upper
43 100
74 28.9 26.2 39.4





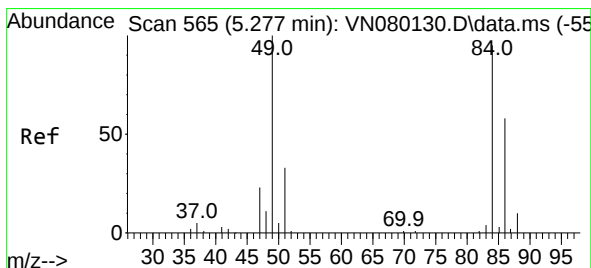
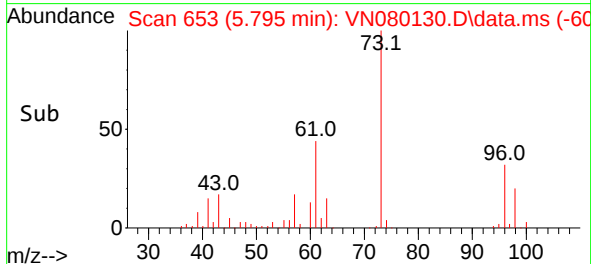
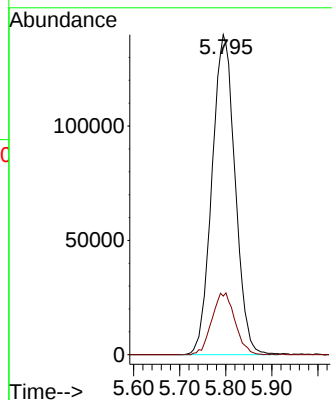
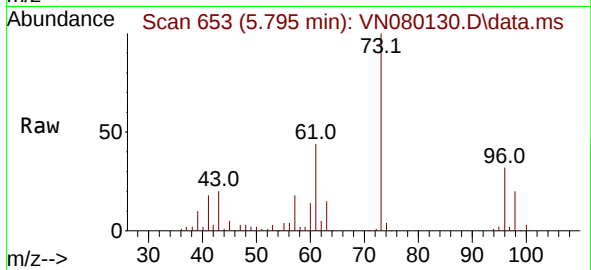
#19
Methyl tert-butyl Ether
Concen: 50.376 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 48764
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4

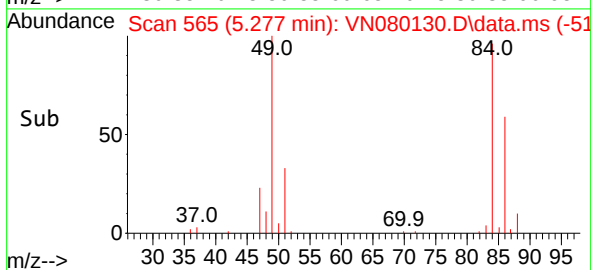
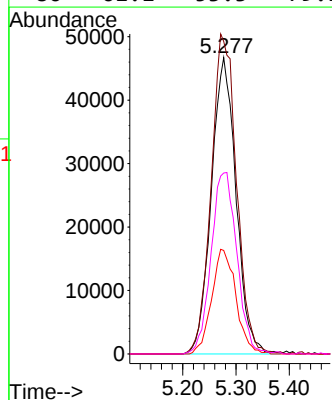
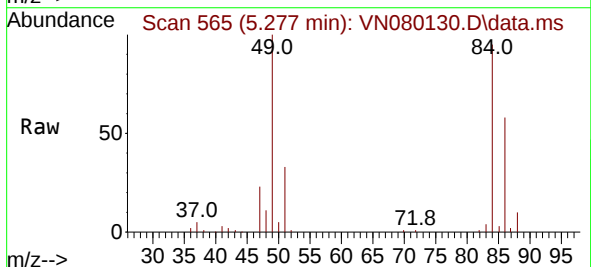
Manual Integrations
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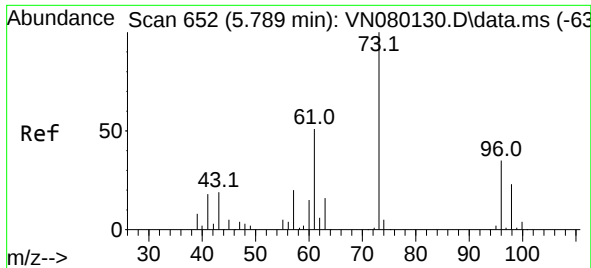
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 49.957 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

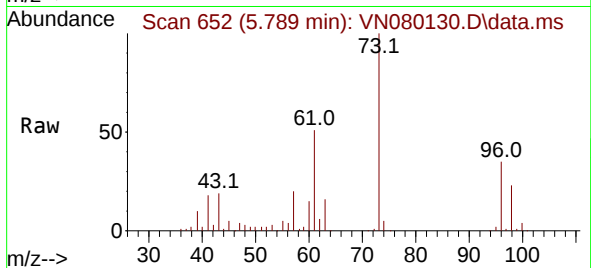
Tgt Ion: 84 Resp: 150470
Ion Ratio Lower Upper
84 100
49 105.5 79.7 119.5
51 34.9 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.889 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

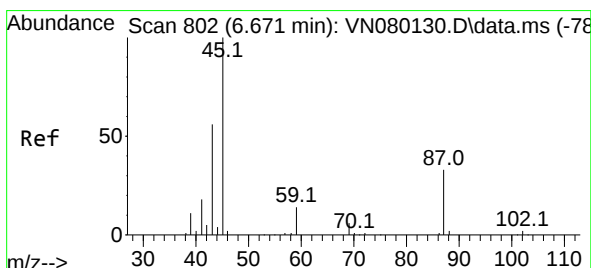
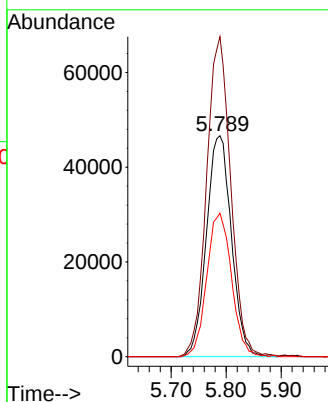
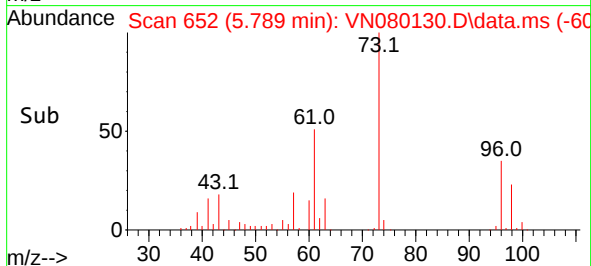
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



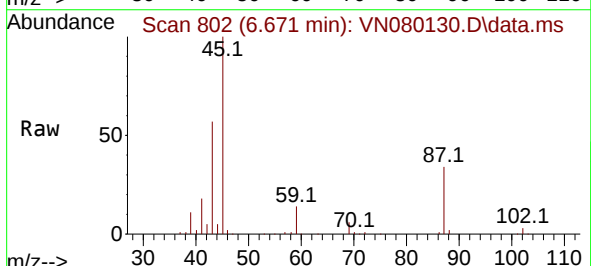
Tgt Ion: 96 Resp: 147219
Ion Ratio Lower Upper
96 100
61 144.9 90.1 135.1
98 65.0 46.4 69.6

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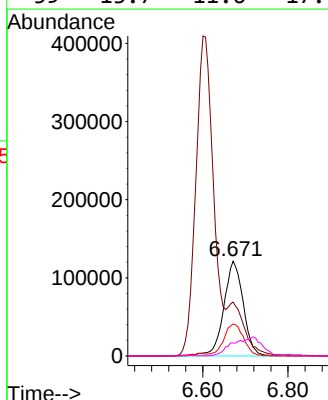
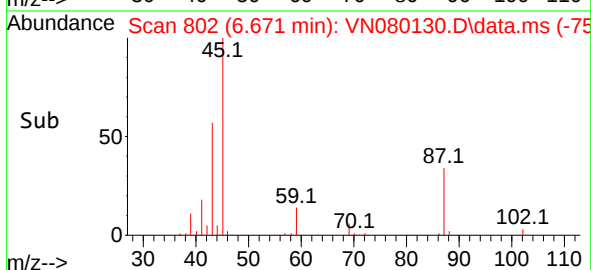
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

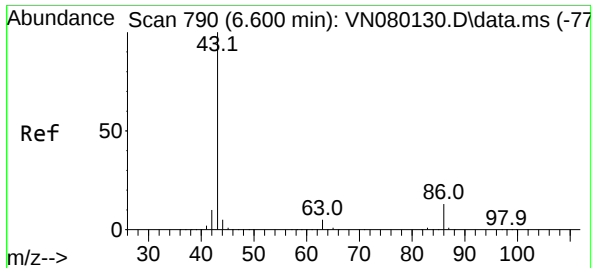


#22
Diisopropyl ether
Concen: 50.407 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



Tgt Ion: 45 Resp: 384607
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 33.6 31.8 47.8
59 13.7 11.6 17.4





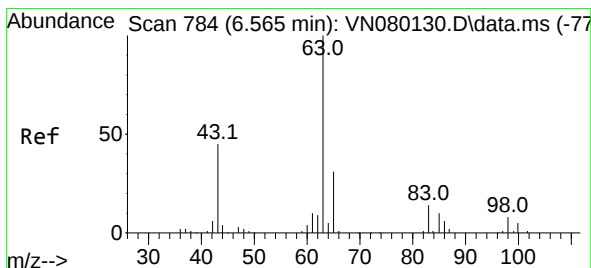
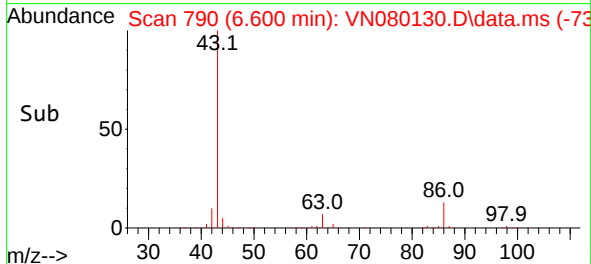
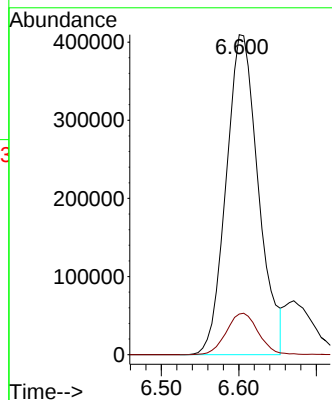
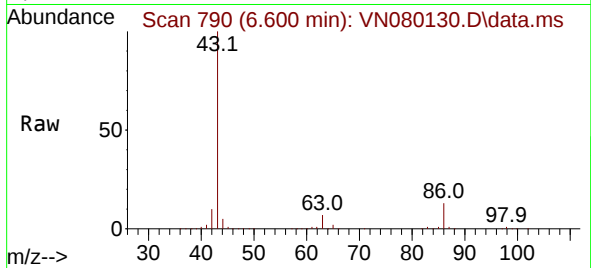
#23
 Vinyl Acetate
 Concen: 258.465 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1185490
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

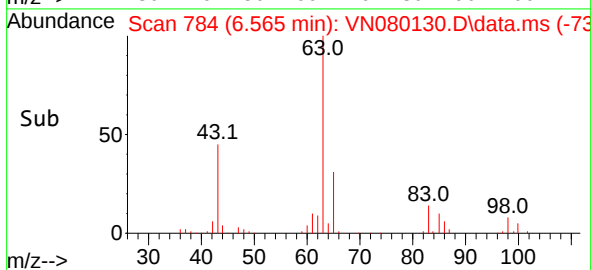
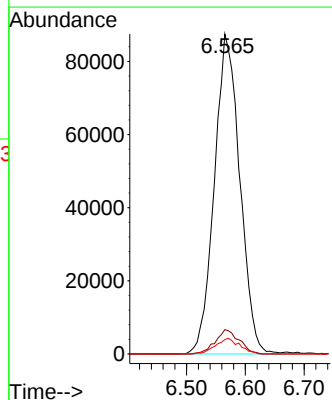
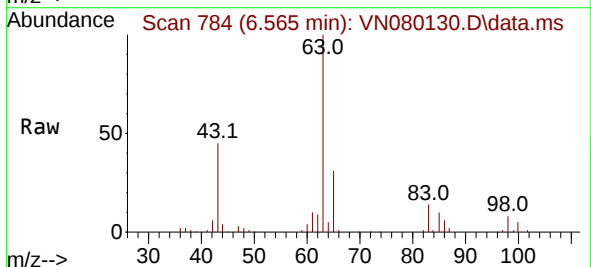
Manual Integrations
 APPROVED

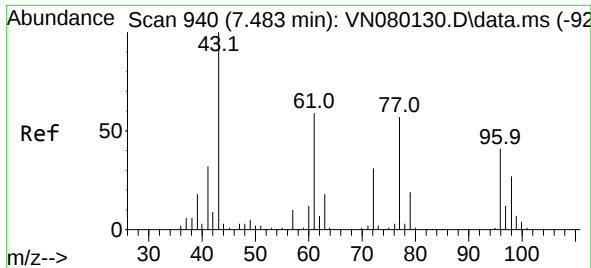
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 47.316 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Tgt Ion: 63 Resp: 262948
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.5 2.5 7.4





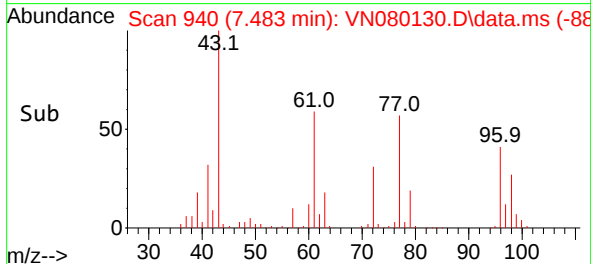
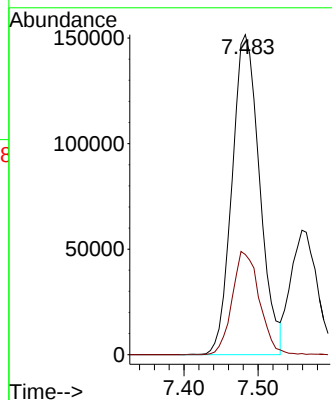
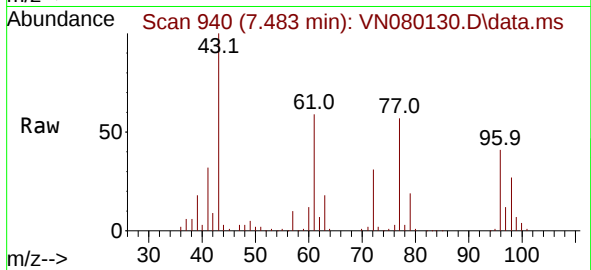
#25
2-Butanone
Concen: 229.624 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 39239
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

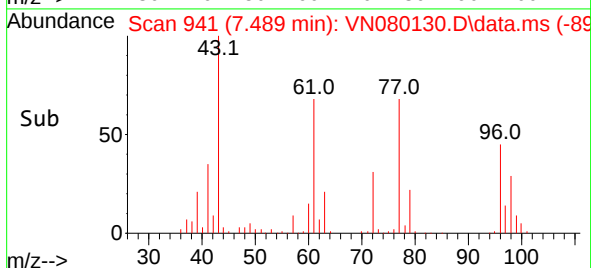
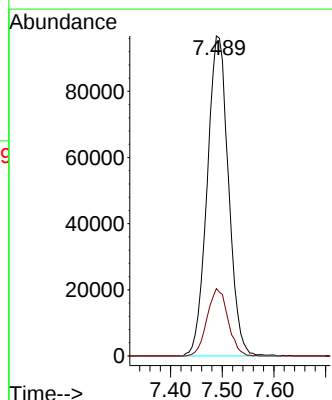
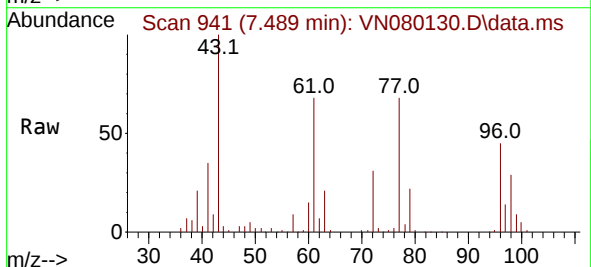
Manual Integrations
APPROVED

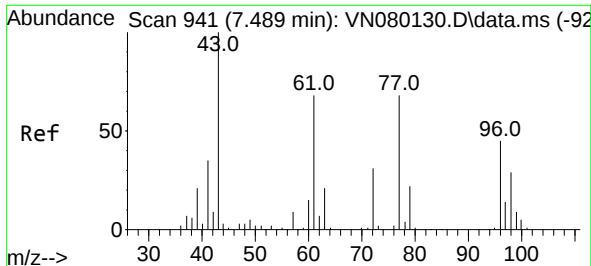
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 50.200 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

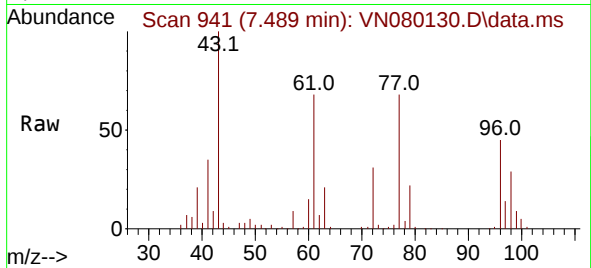
Tgt Ion: 77 Resp: 276778
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.900 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

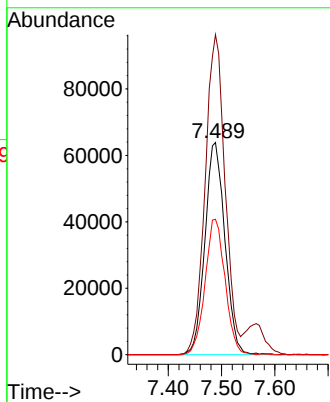
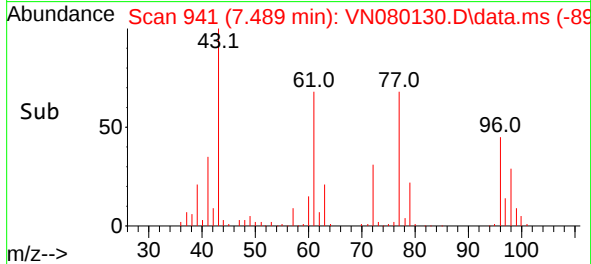
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 166948
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 63.7 0.0 128.8

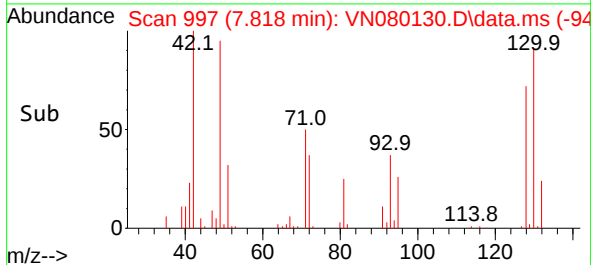
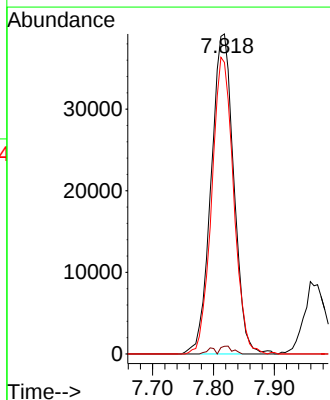
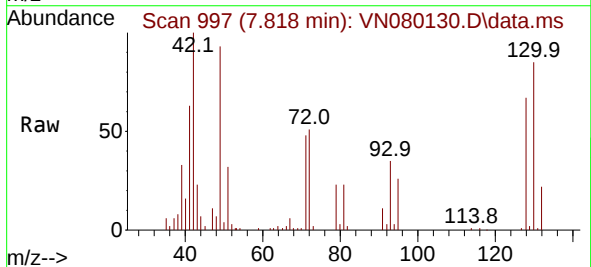
Manual Integrations
 APPROVED

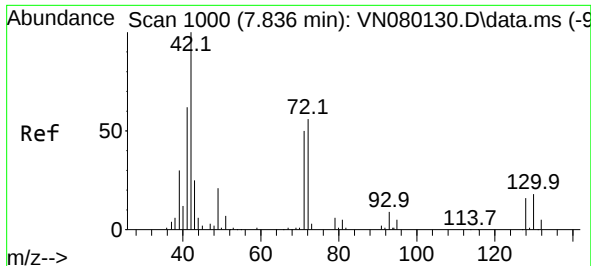
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 46.453 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Tgt Ion: 49 Resp: 101488
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 89.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 254.153 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 233169

Ion Ratio Lower Upper

42 100

72 55.2 49.8 74.6

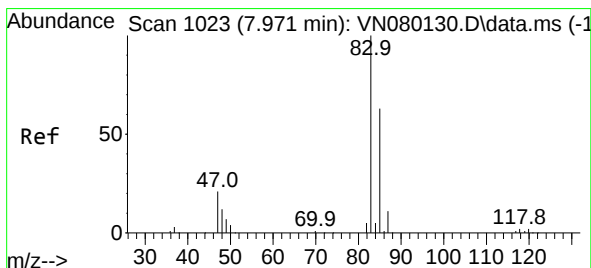
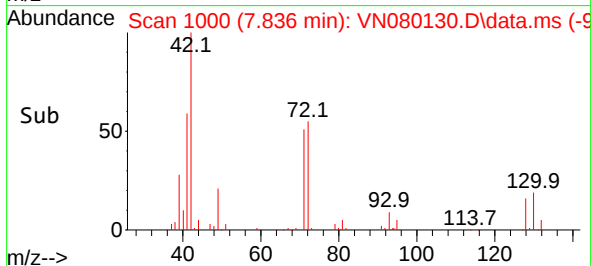
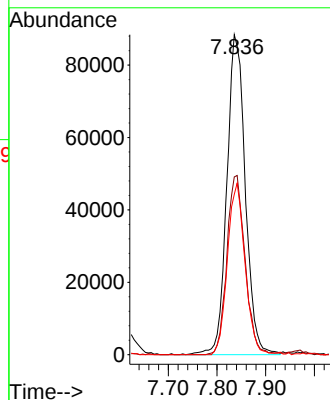
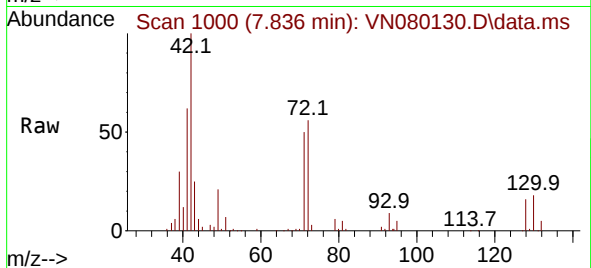
71 51.1 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 48.900 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN080130.D

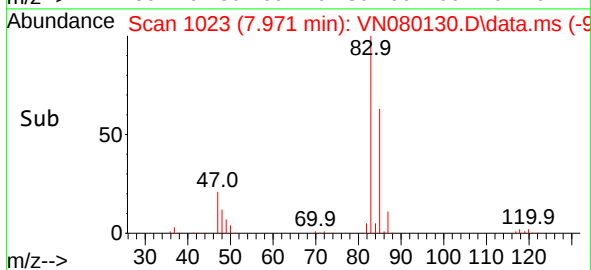
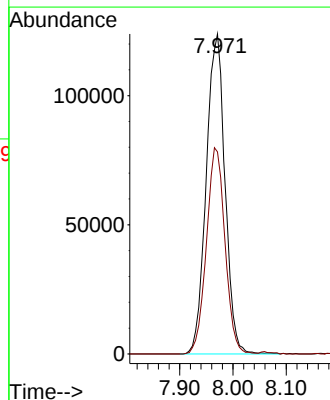
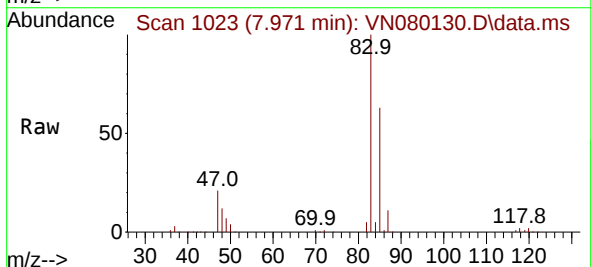
Acq: 16 Nov 2023 11:58

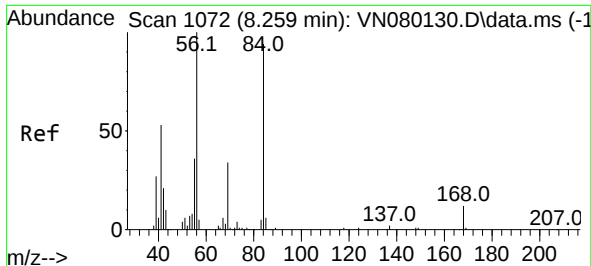
Tgt Ion: 83 Resp: 303736

Ion Ratio Lower Upper

83 100

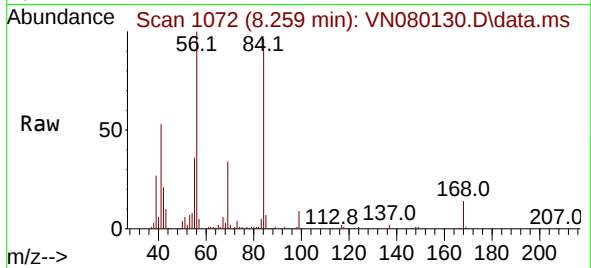
85 63.1 55.4 83.0





#31
Cyclohexane
Concen: 47.964 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

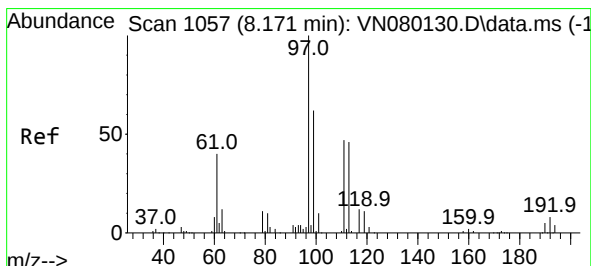
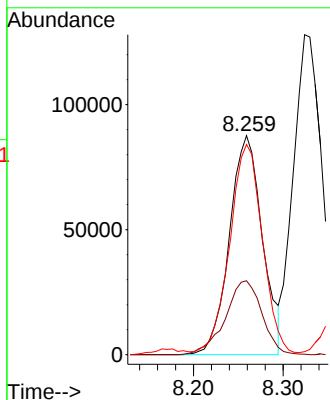
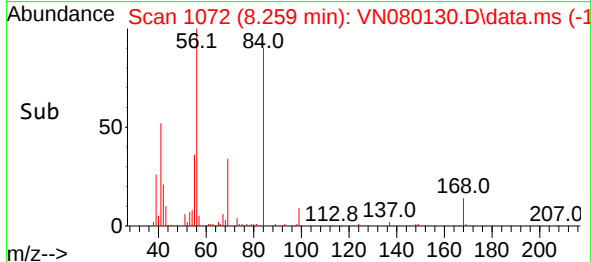
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



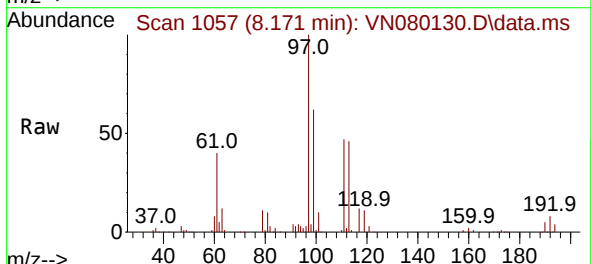
Tgt Ion: 56 Resp: 22336
Ion Ratio Lower Upper
56 100
69 33.8 26.8 40.2
84 94.5 81.8 122.6

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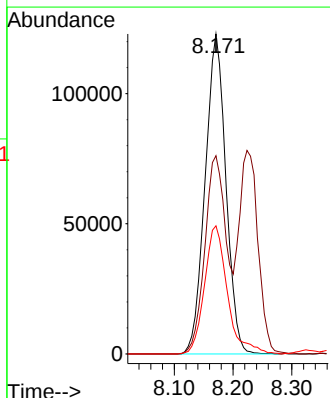
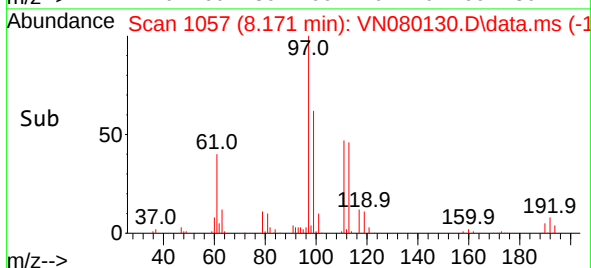
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

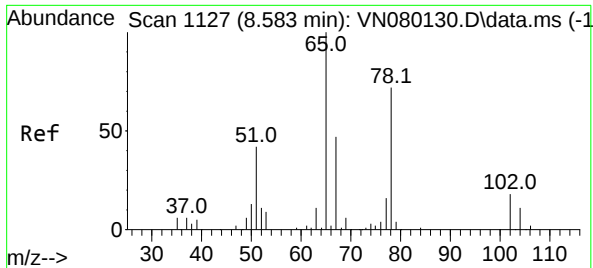


#32
1,1,1-Trichloroethane
Concen: 49.792 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



Tgt Ion: 97 Resp: 301613
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.1 34.7 52.1





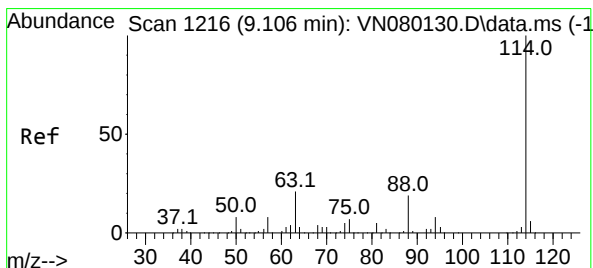
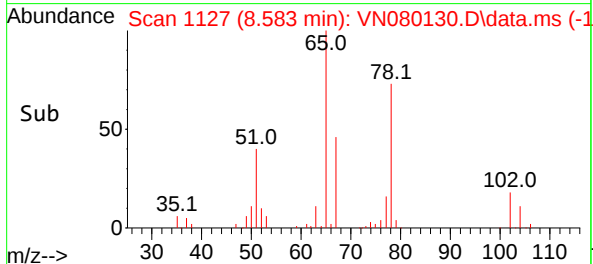
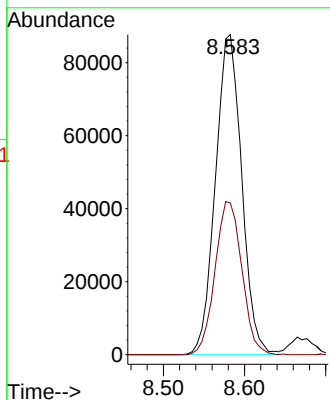
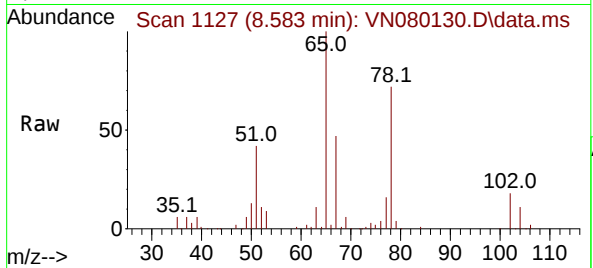
#33
 1,2-Dichloroethane-d4
 Concen: 46.122 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 19750
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 106.6

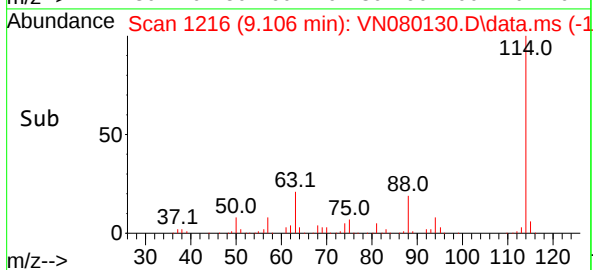
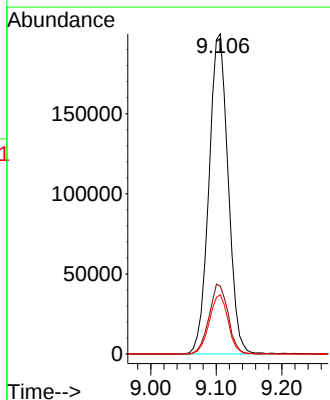
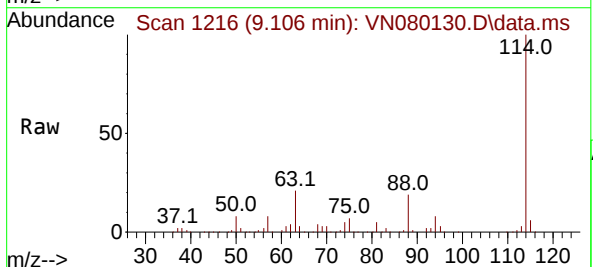
Manual Integrations
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Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Tgt Ion:114 Resp: 405554
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 36.4
 88 18.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.684 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 139700

Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

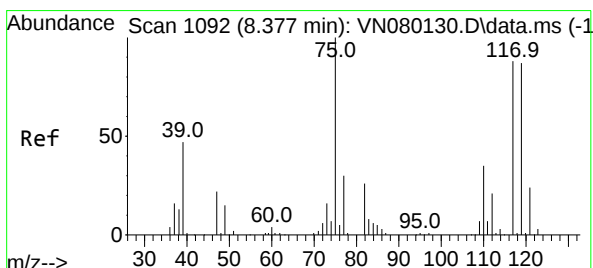
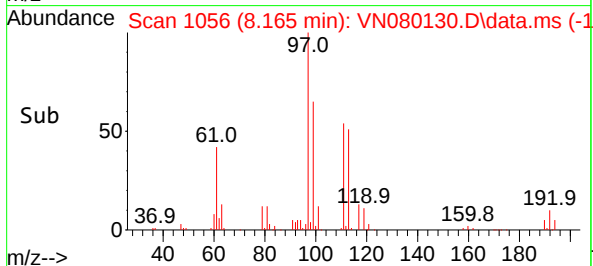
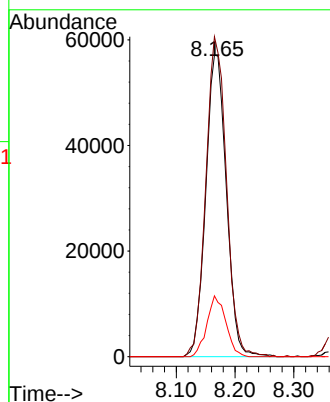
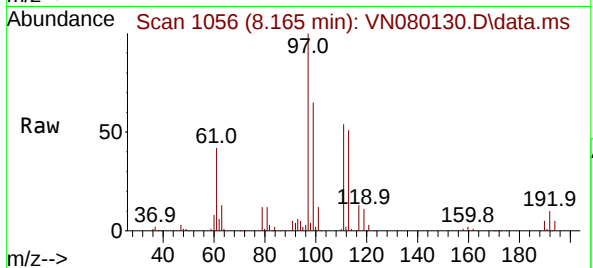
192 18.5 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#36

1,1-Dichloropropene

Concen: 50.905 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

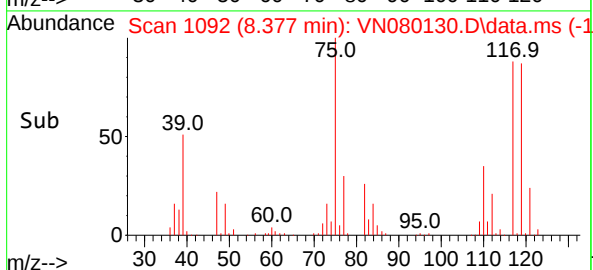
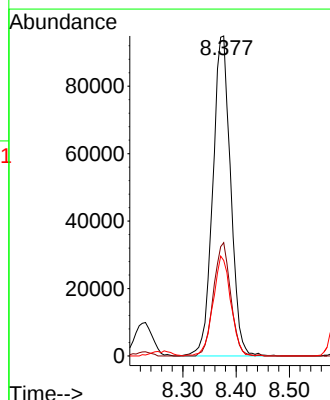
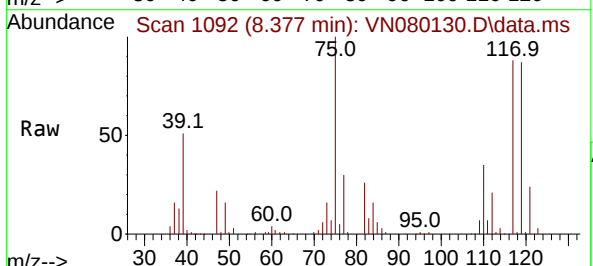
Tgt Ion: 75 Resp: 220547

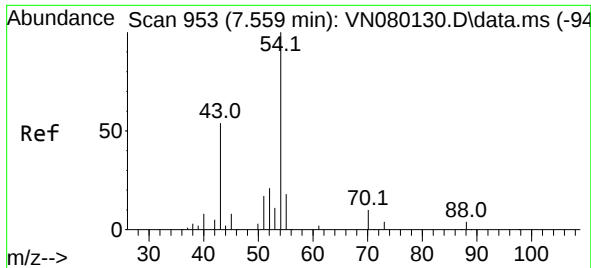
Ion Ratio Lower Upper

75 100

110 34.2 19.1 57.3

77 31.0 25.0 37.4





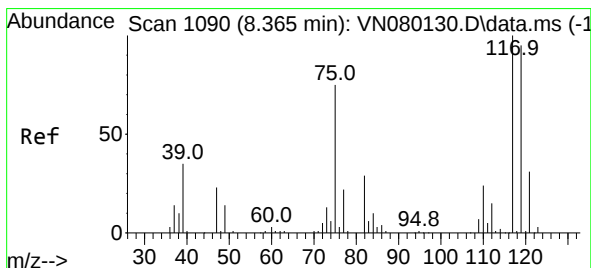
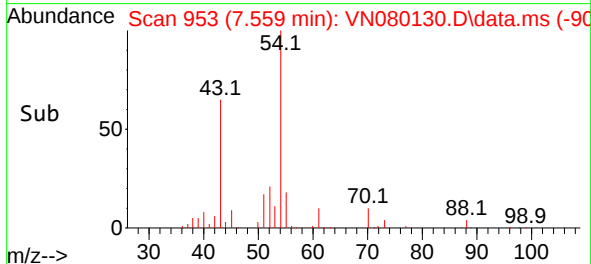
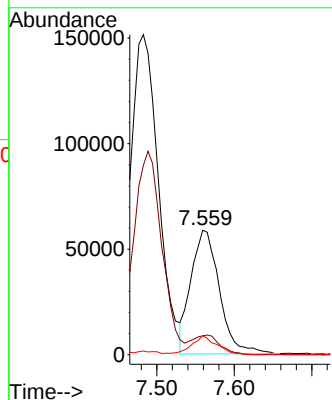
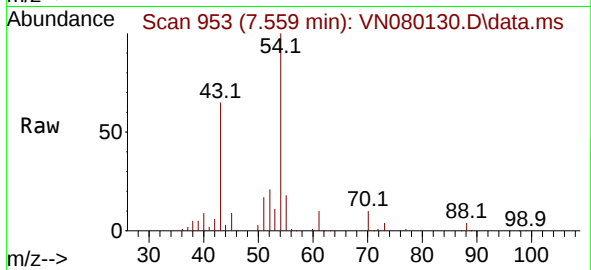
#37
Ethyl Acetate
Concen: 49.708 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 14938
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 13.6 11.3 16.9

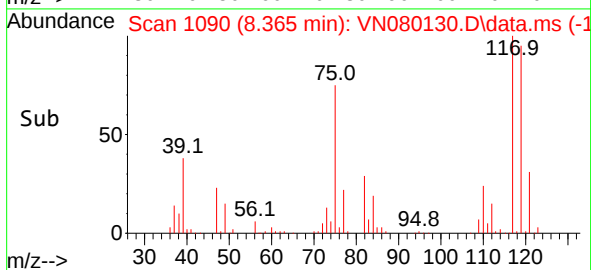
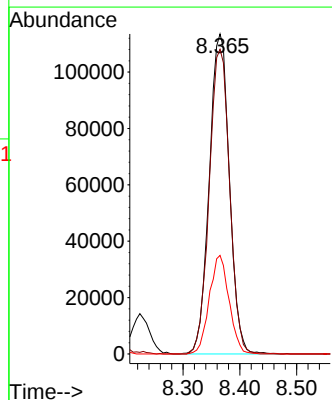
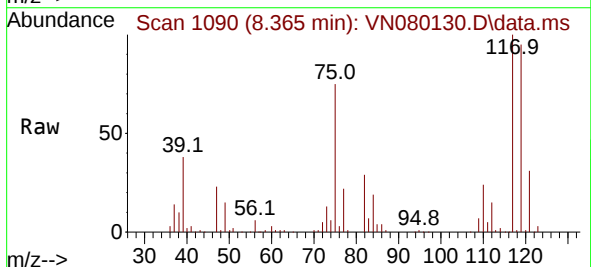
Manual Integrations
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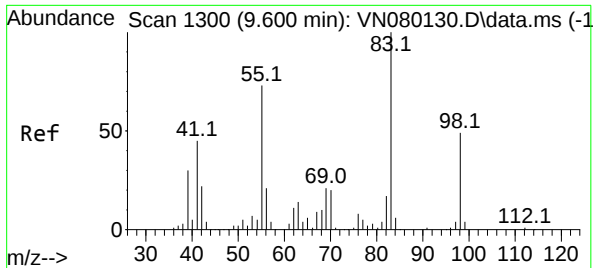
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#38
Carbon Tetrachloride
Concen: 50.760 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

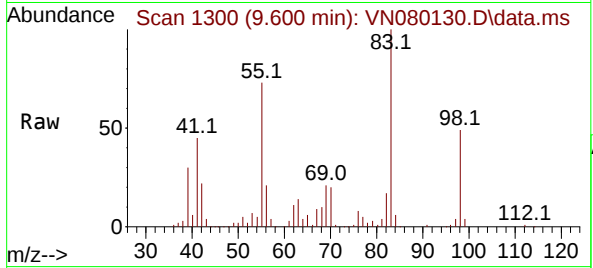
Tgt Ion:117 Resp: 279078
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9
121 30.8 23.3 34.9





#39
Methylcyclohexane
Concen: 53.887 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

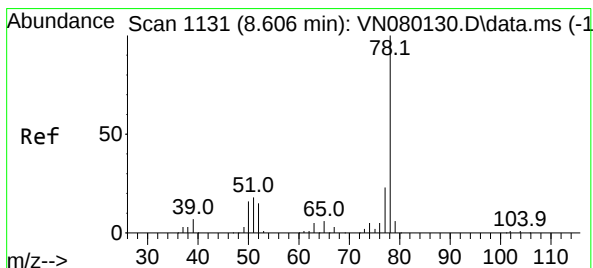
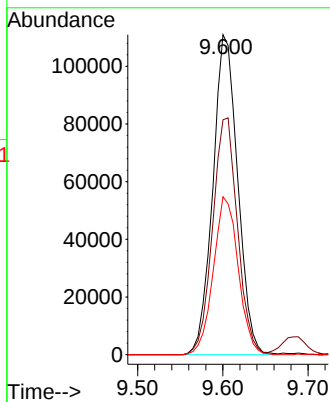
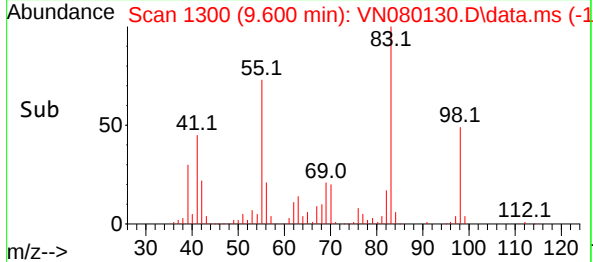
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 225108
Ion Ratio Lower Upper
83 100
55 73.4 49.1 73.7
98 49.4 40.6 61.0

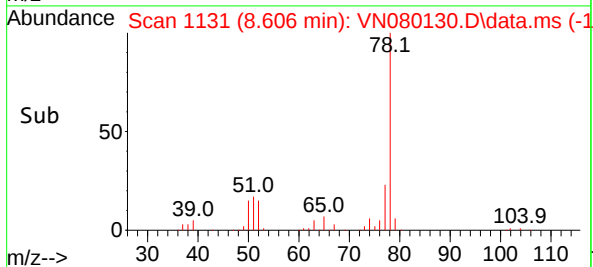
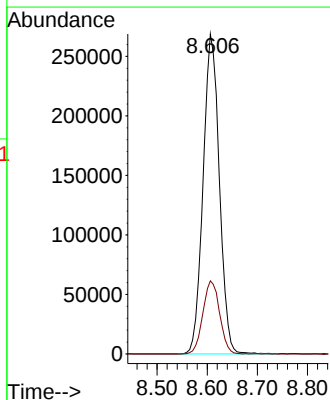
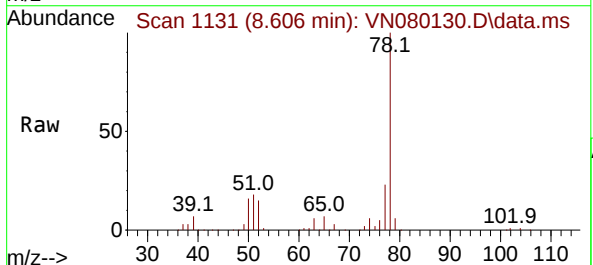
Manual Integrations
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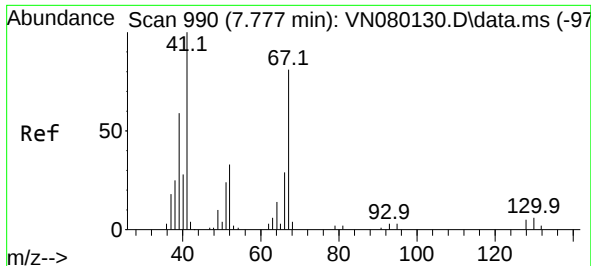
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#40
Benzene
Concen: 49.174 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

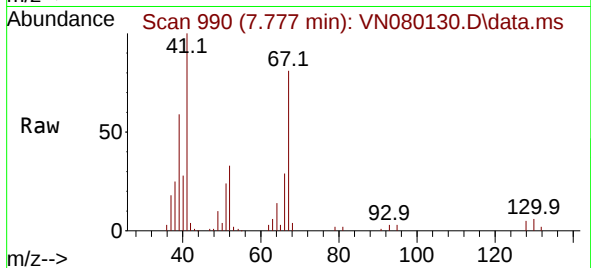
Tgt Ion: 78 Resp: 605502
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 50.932 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

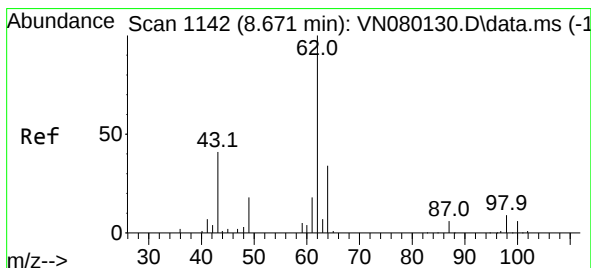
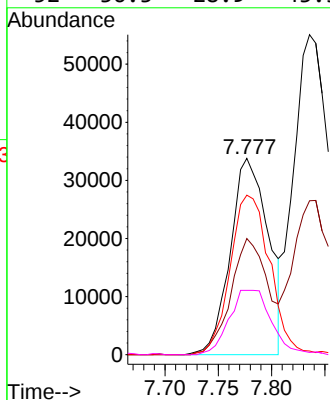
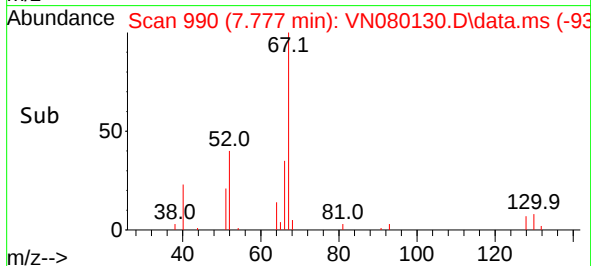
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 84050
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 85.2 77.5 116.3
52 36.3 28.9 43.3

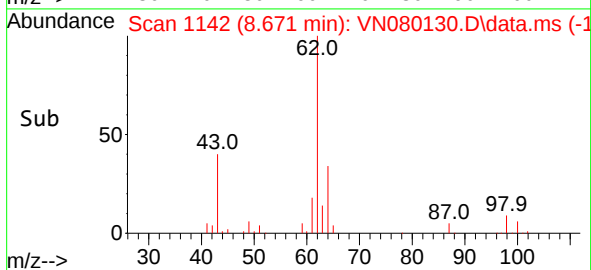
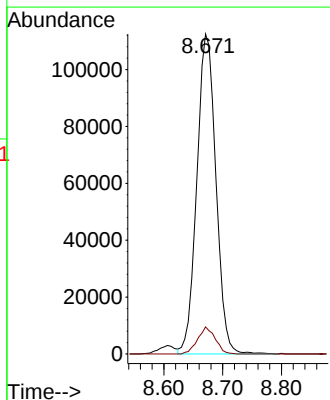
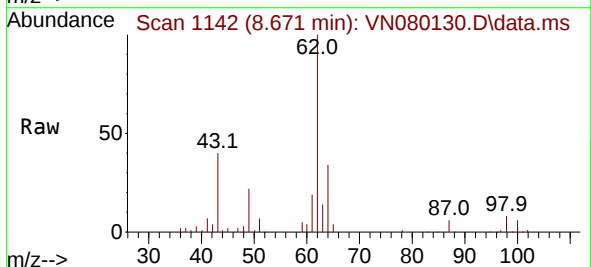
Manual Integrations
APPROVED

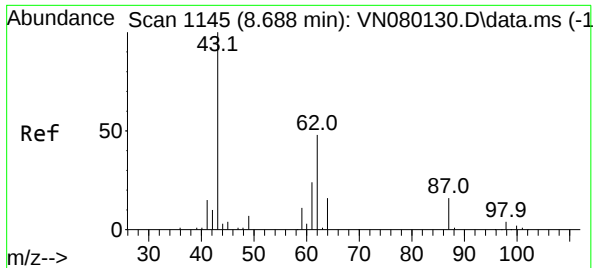
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 50.364 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 62 Resp: 253720
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.475 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 271788

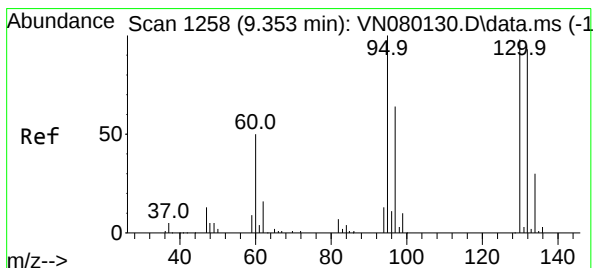
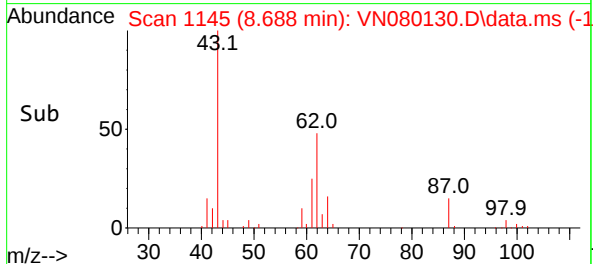
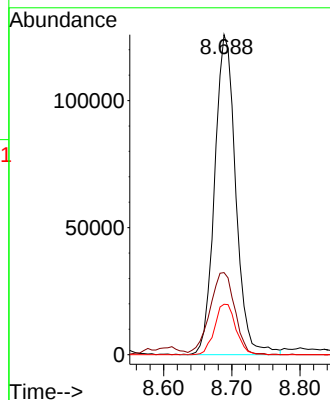
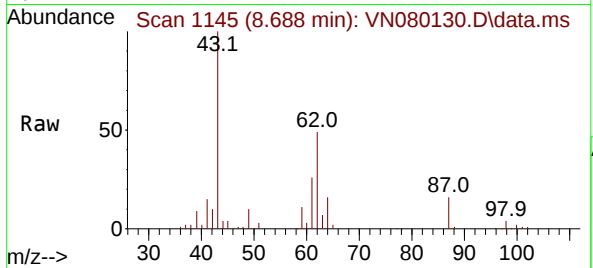
Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.7	37.1
87	15.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 48.874 ug/l

RT: 9.353 min Scan# 1258

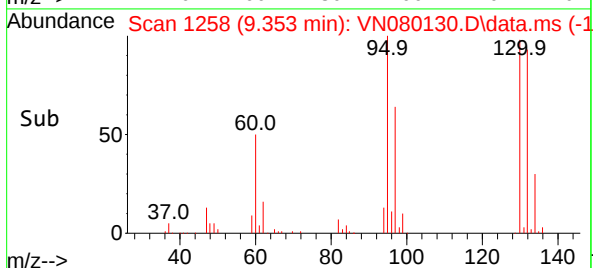
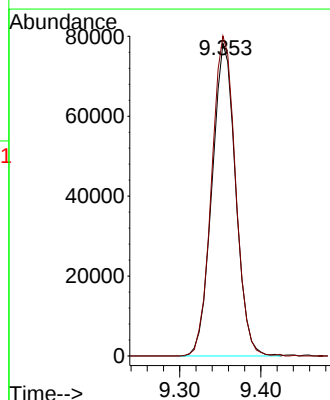
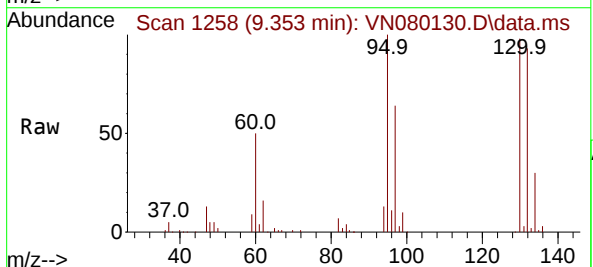
Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Tgt Ion:130 Resp: 157862

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	204.6





#45

1,2-Dichloropropane

Concen: 49.770 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 142418

Ion Ratio Lower Upper

63 100

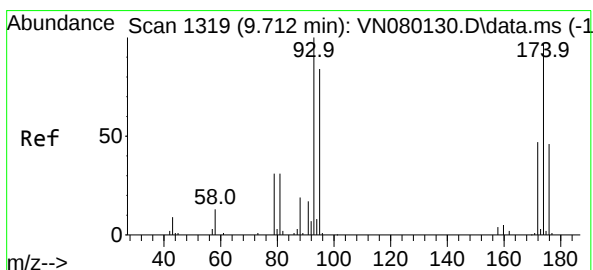
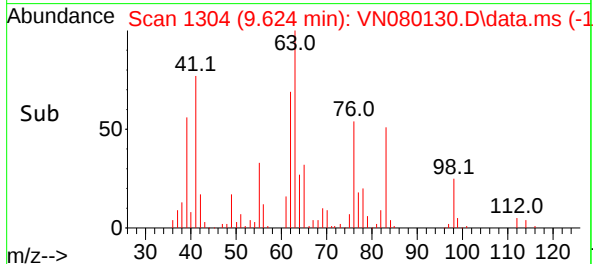
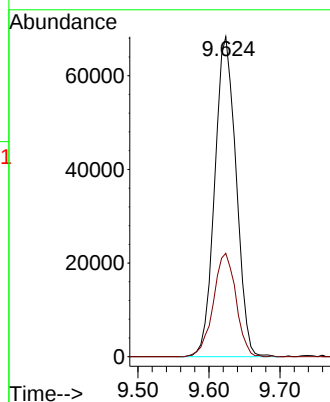
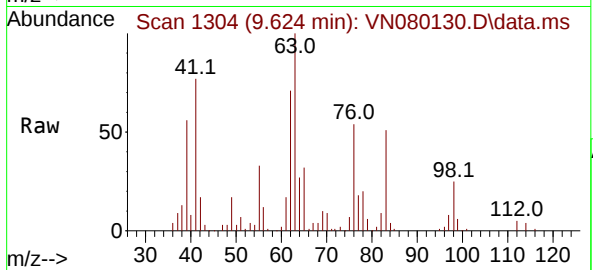
65 32.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 49.681 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

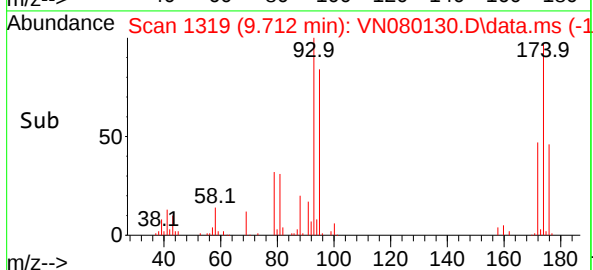
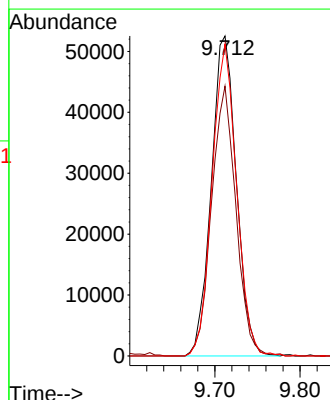
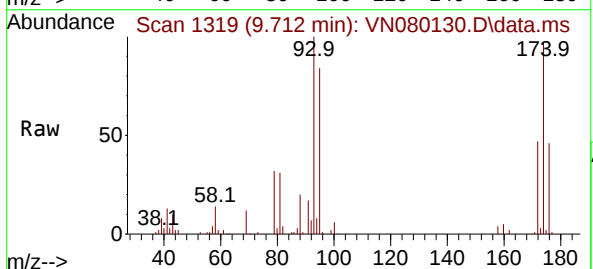
Tgt Ion: 93 Resp: 107615

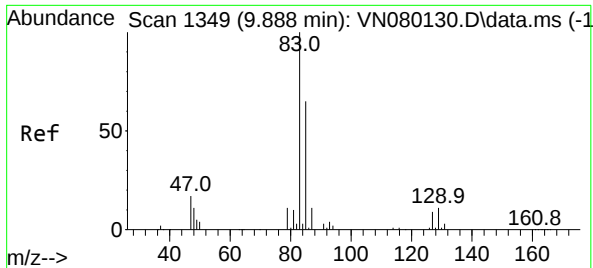
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 95.2 65.6 98.4





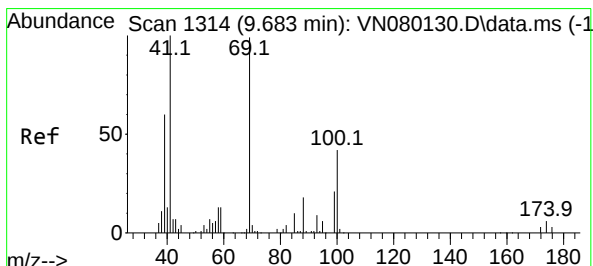
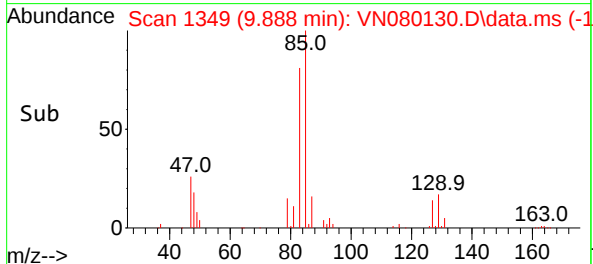
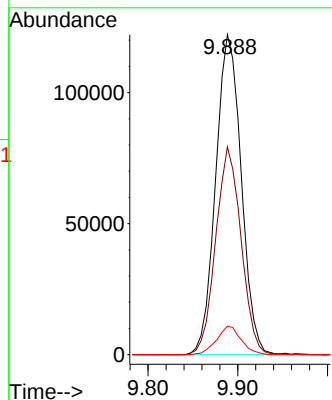
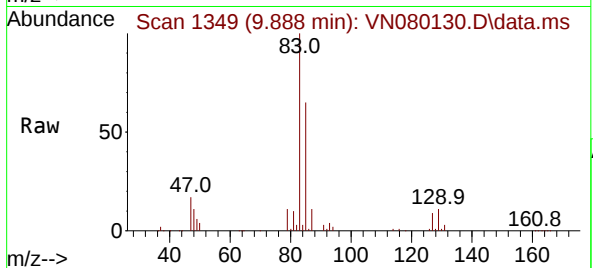
#47
Bromodichloromethane
Concen: 50.637 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 24127
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.9 7.0 10.6

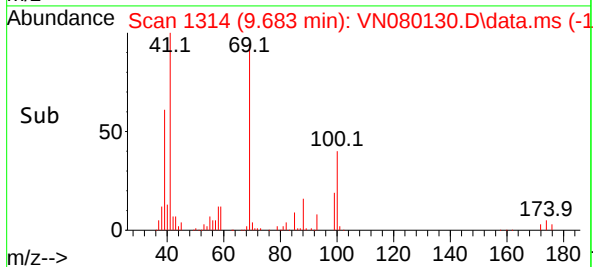
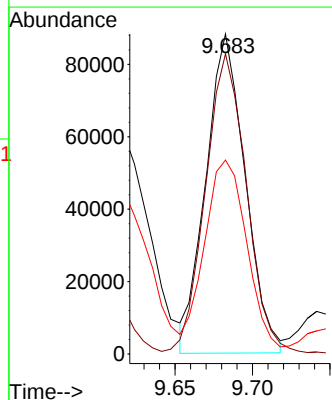
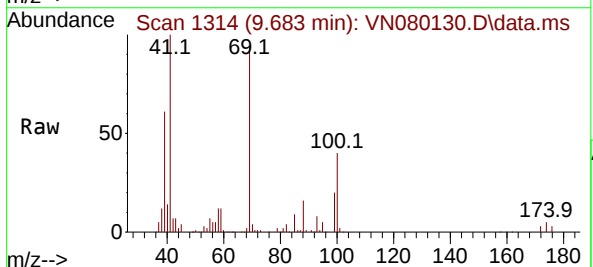
Manual Integrations
APPROVED

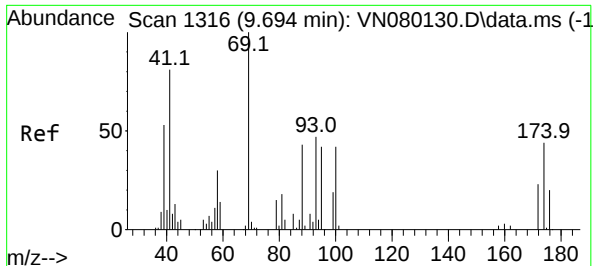
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 51.661 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 41 Resp: 155692
Ion Ratio Lower Upper
41 100
69 98.3 90.4 135.6
39 65.9 54.6 81.8





#49

1,4-Dioxane

Concen: 947.617 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 47510

Ion Ratio Lower Upper

88 100

43 28.6 17.0 25.6

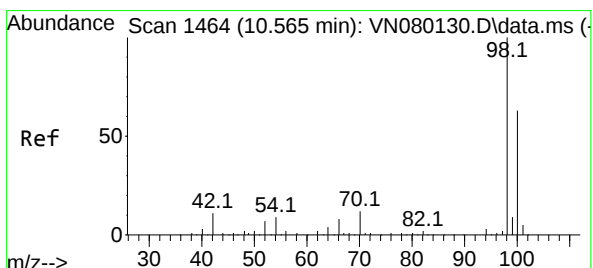
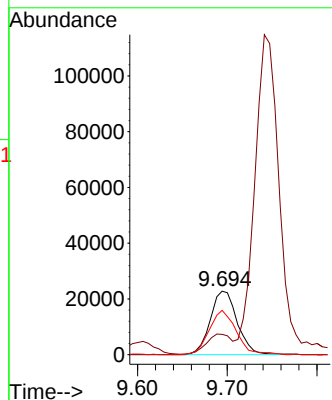
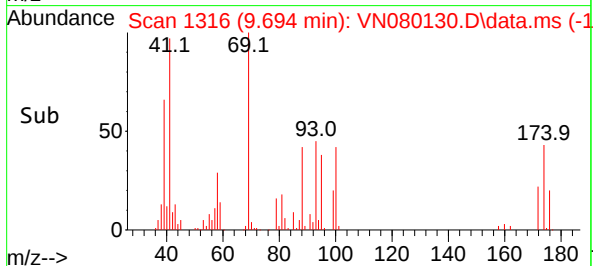
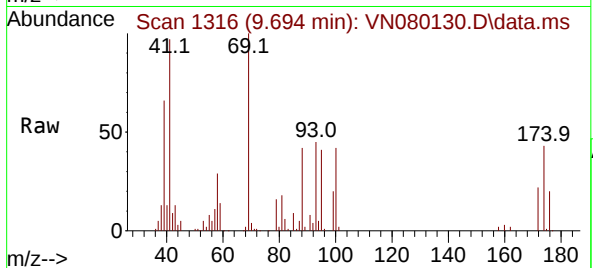
58 70.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 48.977 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080130.D

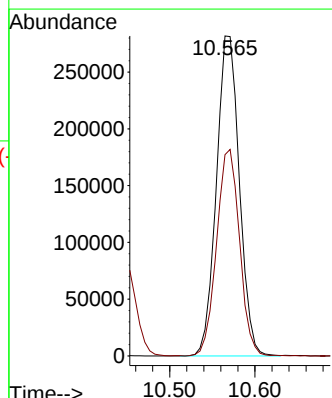
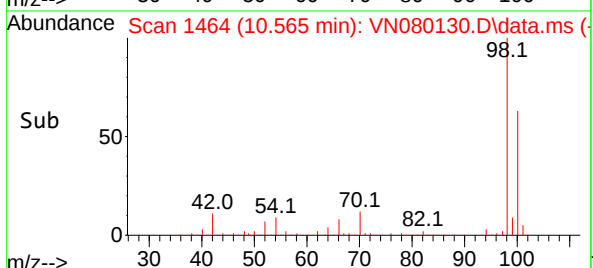
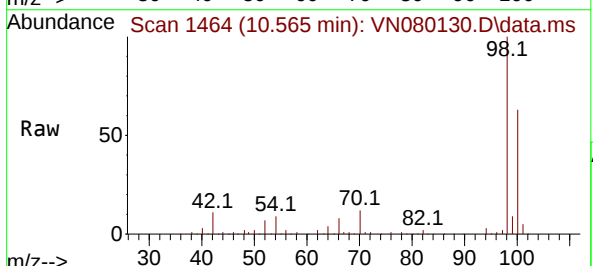
Acq: 16 Nov 2023 11:58

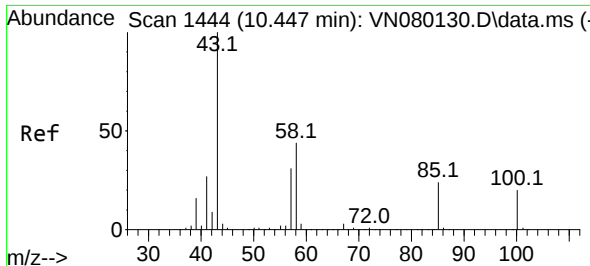
Tgt Ion: 98 Resp: 528324

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





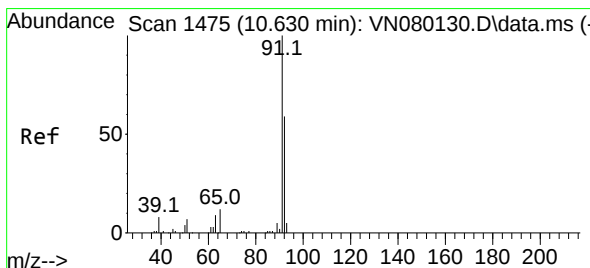
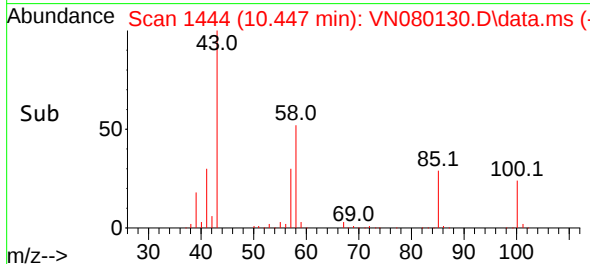
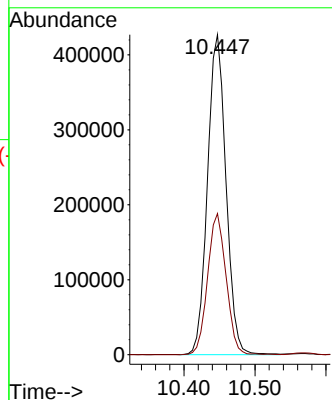
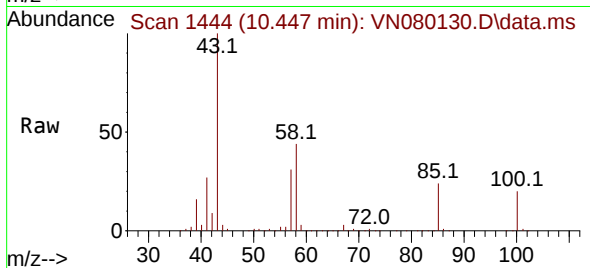
#51
4-Methyl-2-Pentanone
Concen: 255.199 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 772650
Ion Ratio Lower Upper
43 100
58 44.1 36.6 54.8

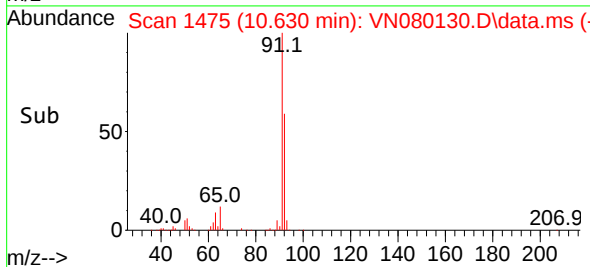
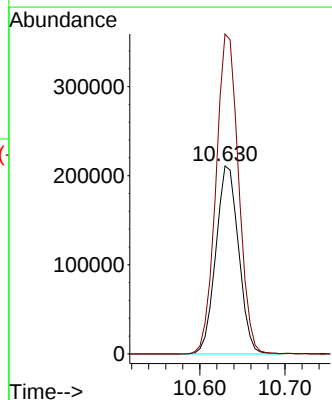
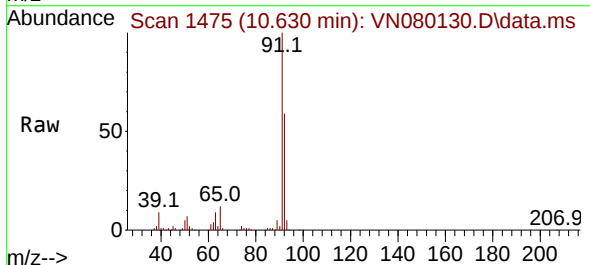
Manual Integrations
APPROVED

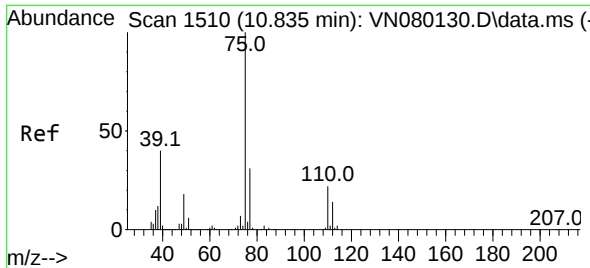
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 50.844 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 92 Resp: 391801
Ion Ratio Lower Upper
92 100
91 169.2 137.4 206.0





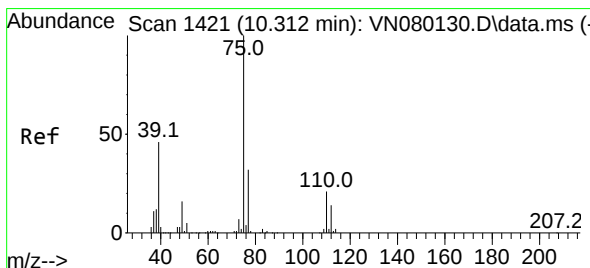
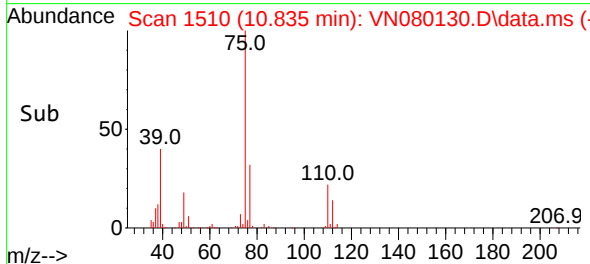
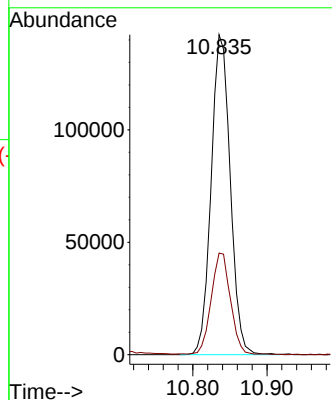
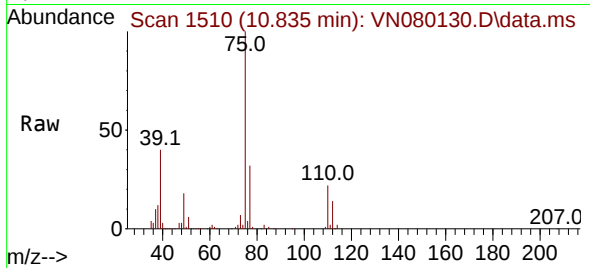
#53
 t-1,3-Dichloropropene
 Concen: 51.947 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 25430
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

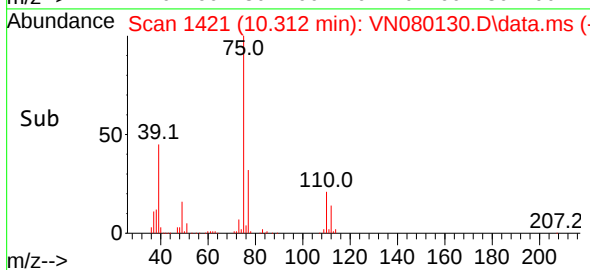
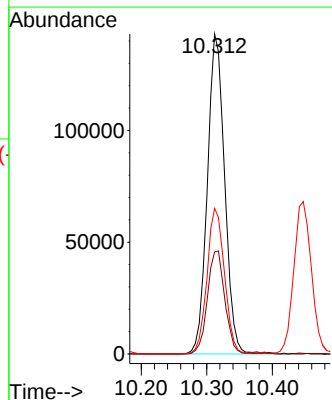
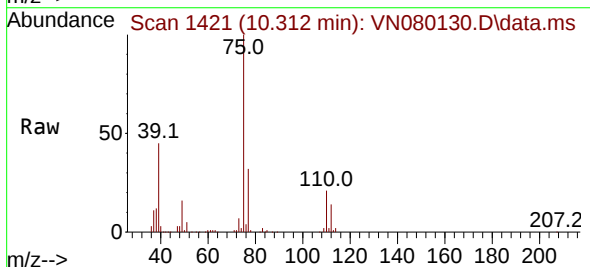
Manual Integrations
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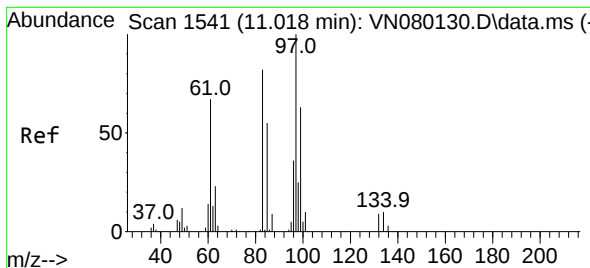
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.566 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

Tgt Ion: 75 Resp: 262905
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 45.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 48.802 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 14353

Ion Ratio Lower Upper

97 100

83 82.5 65.1 97.7

85 54.6 43.4 65.2

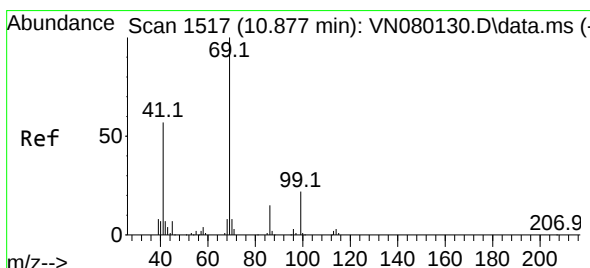
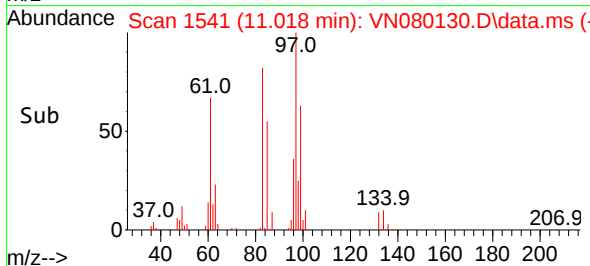
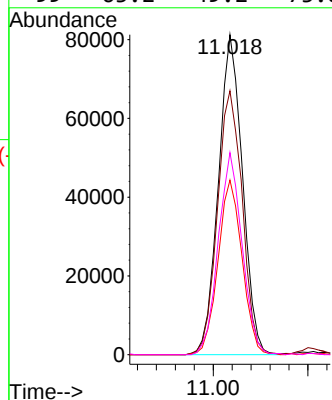
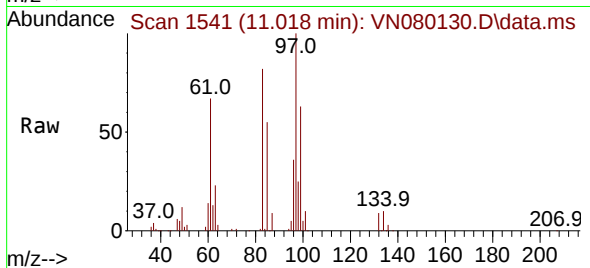
99 63.2 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#56

Ethyl methacrylate

Concen: 55.814 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

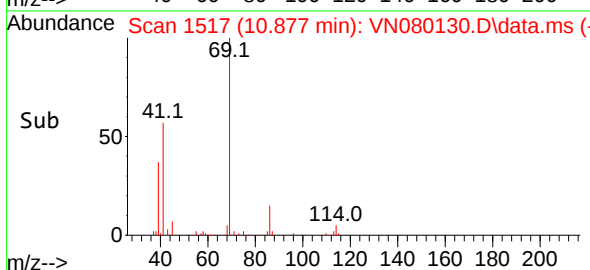
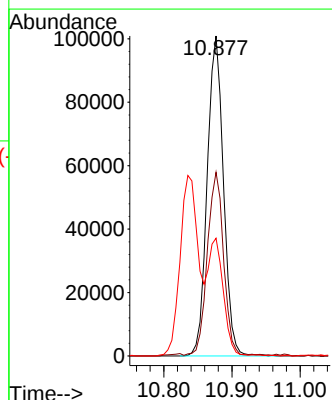
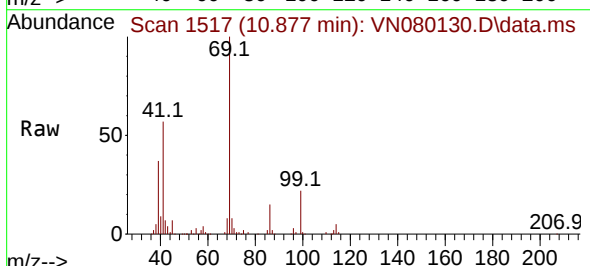
Tgt Ion: 69 Resp: 167700

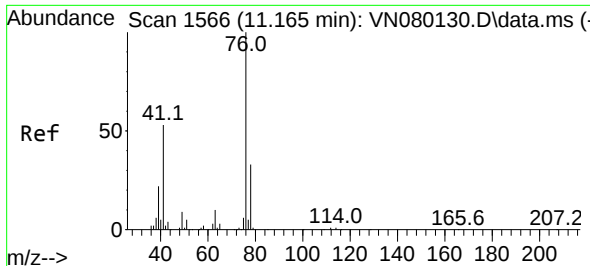
Ion Ratio Lower Upper

69 100

41 56.8 39.6 59.4

39 34.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.870 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 256080

Ion Ratio Lower Upper

76 100

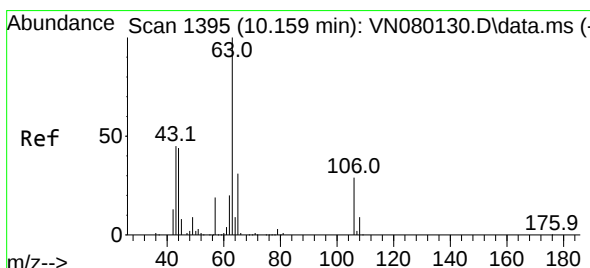
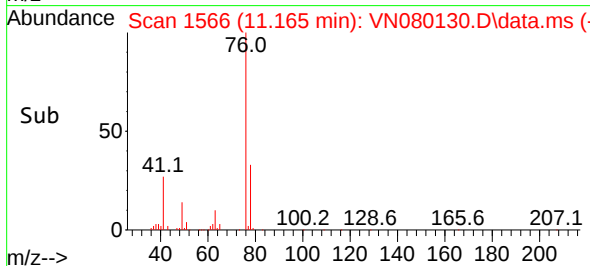
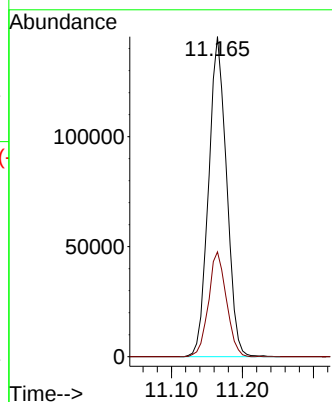
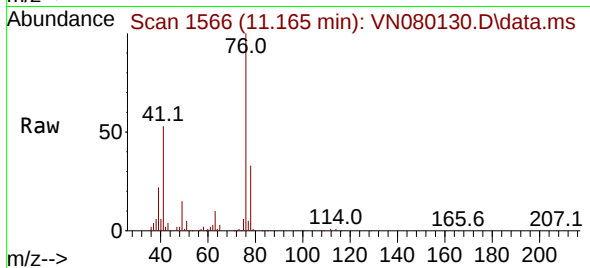
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.644 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080130.D

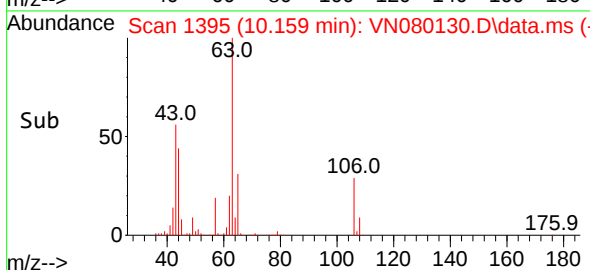
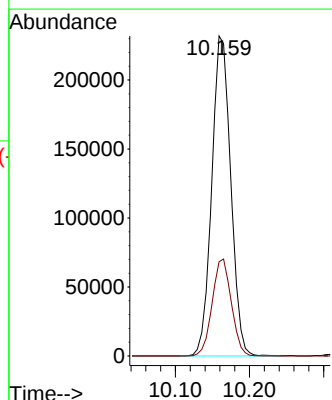
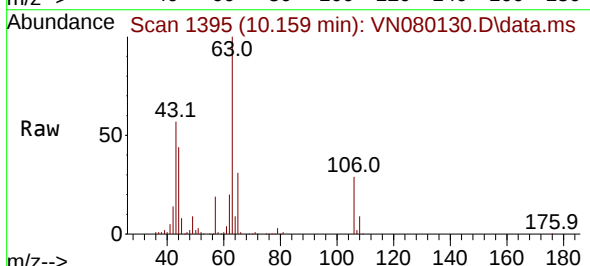
Acq: 16 Nov 2023 11:58

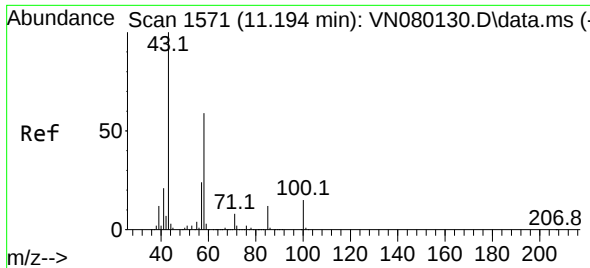
Tgt Ion: 63 Resp: 412422

Ion Ratio Lower Upper

63 100

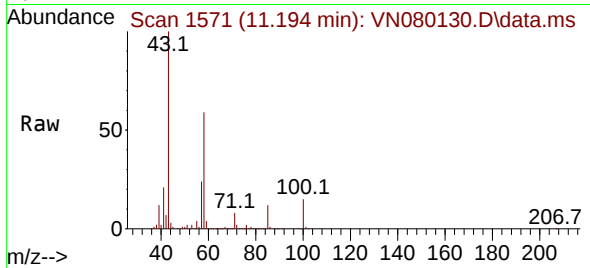
106 30.5 26.2 39.4





#59
2-Hexanone
Concen: 246.375 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

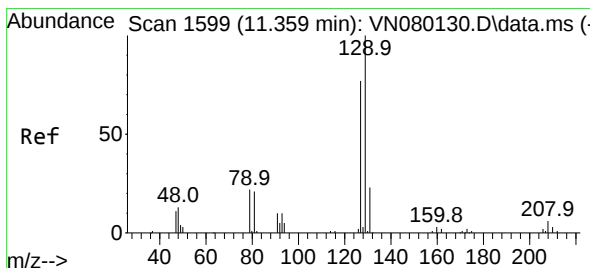
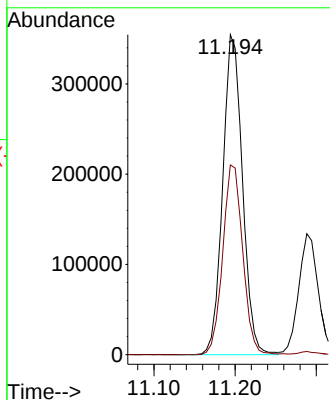
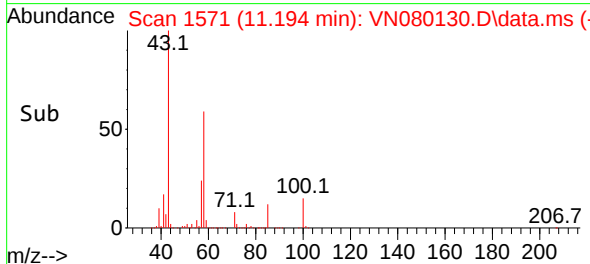
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 599402
Ion Ratio Lower Upper
43 100
58 60.1 31.7 95.1

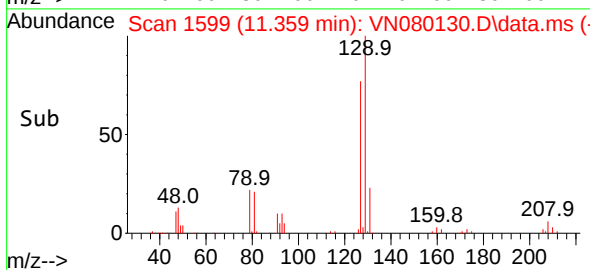
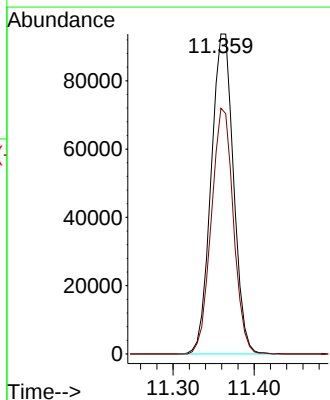
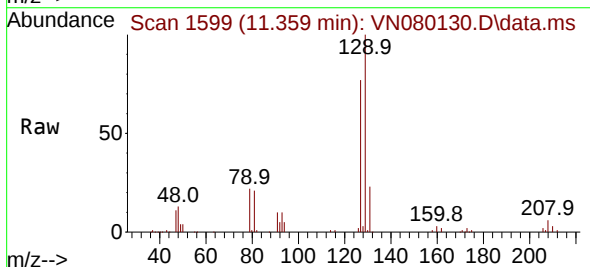
Manual Integrations
APPROVED

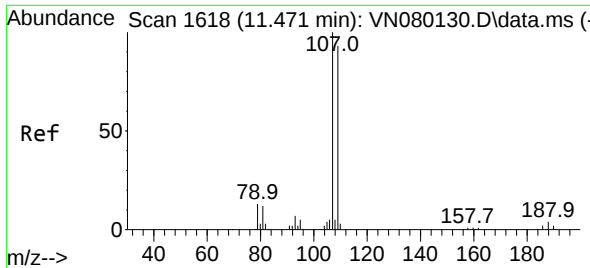
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 51.066 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:129 Resp: 179814
Ion Ratio Lower Upper
129 100
127 75.6 38.6 116.0





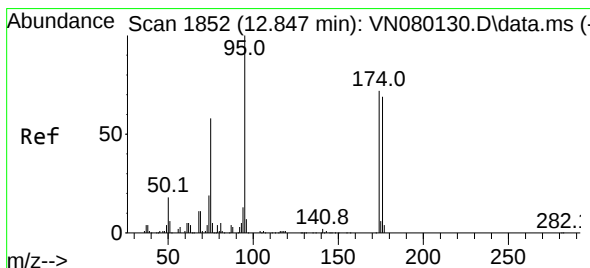
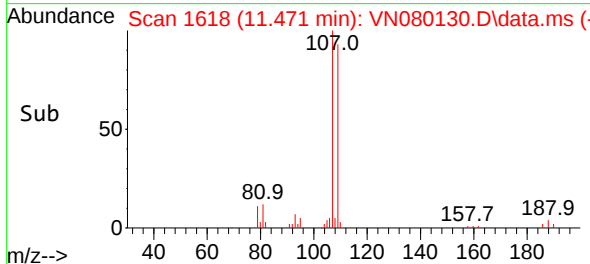
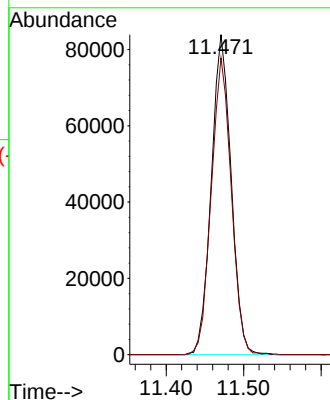
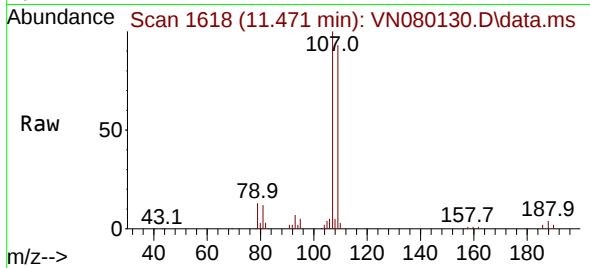
#61
1,2-Dibromoethane
Concen: 49.683 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 14907
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

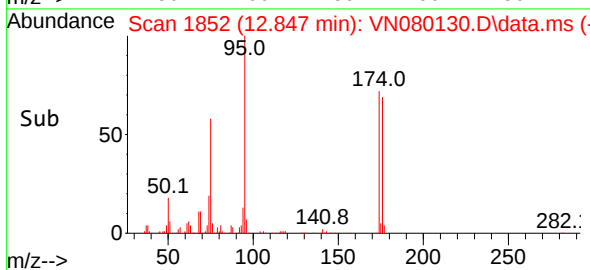
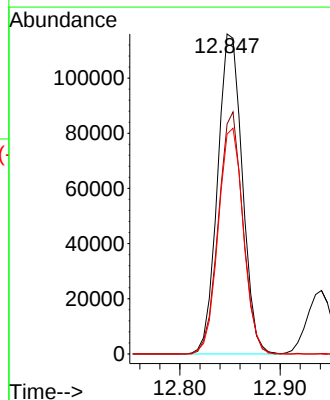
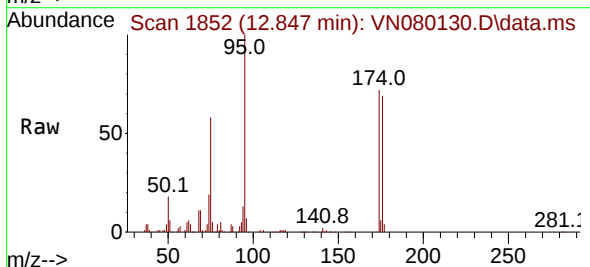
Manual Integrations
APPROVED

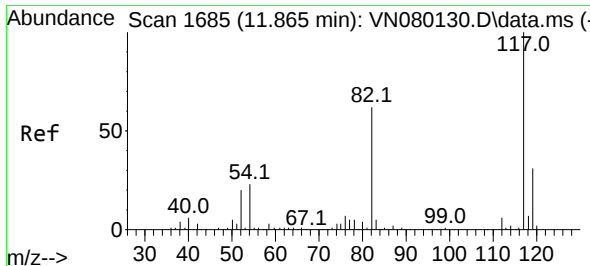
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 48.673 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

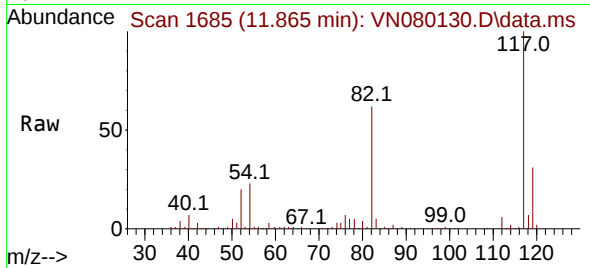
Tgt Ion: 95 Resp: 198318
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

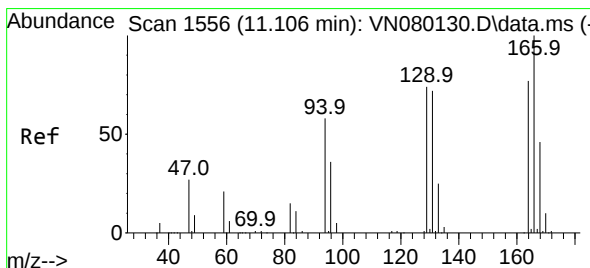
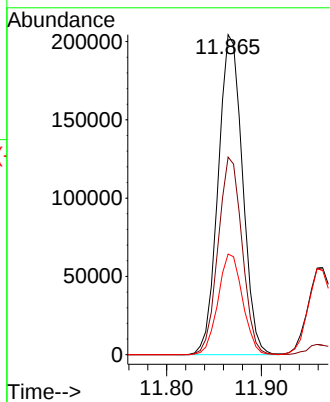
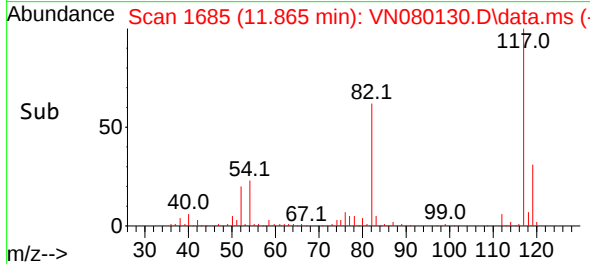
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 365294
Ion Ratio Lower Upper
117 100
82 61.8 44.0 66.0
119 31.4 25.6 38.4

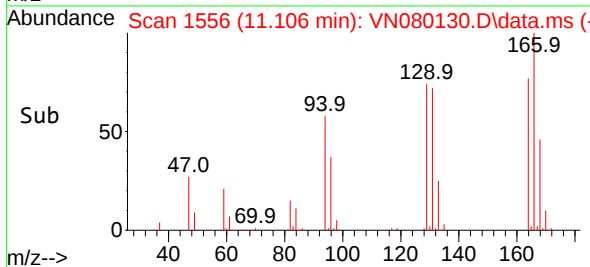
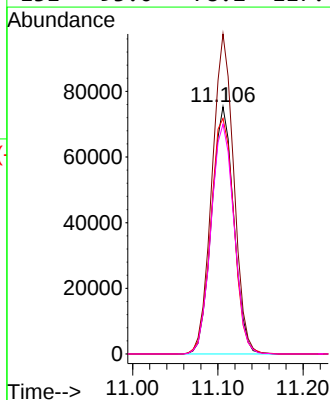
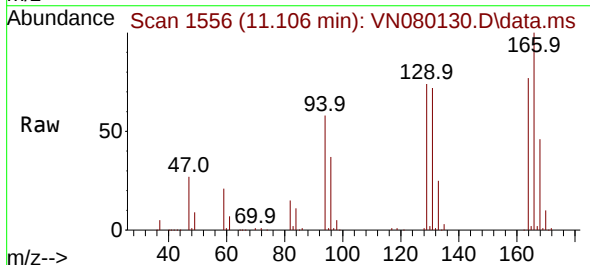
Manual Integrations
APPROVED

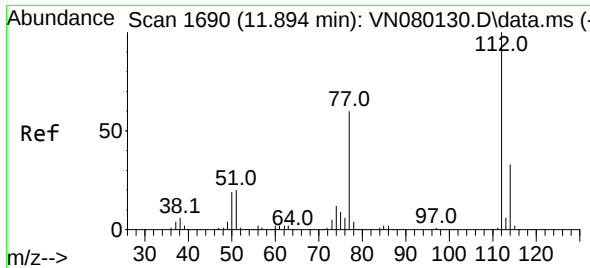
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 48.535 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:164 Resp: 135307
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 95.3 82.4 123.6
131 93.0 78.2 117.4





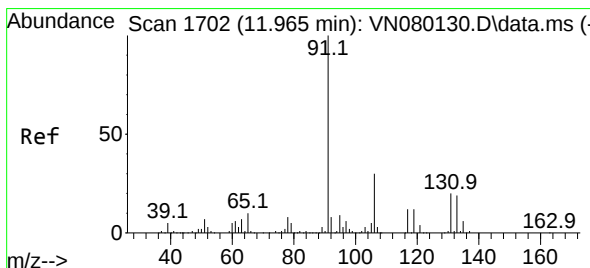
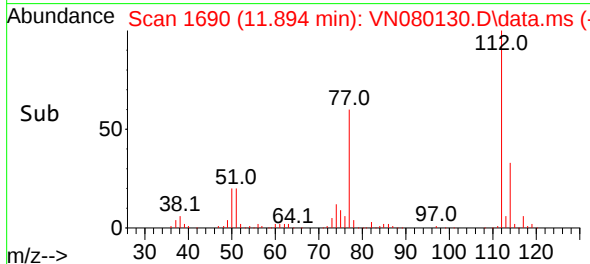
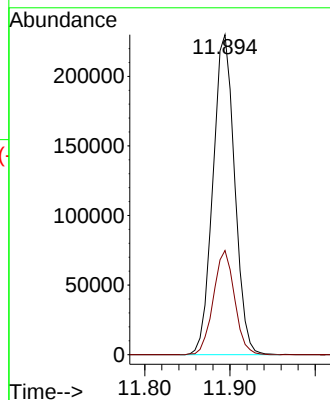
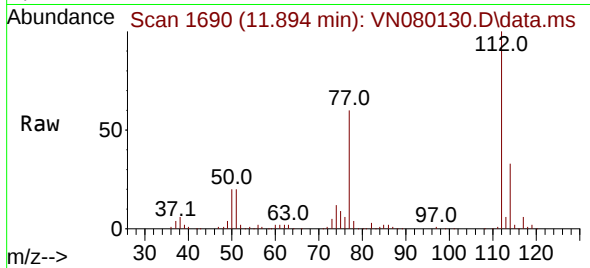
#65
Chlorobenzene
Concen: 49.107 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 406478
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

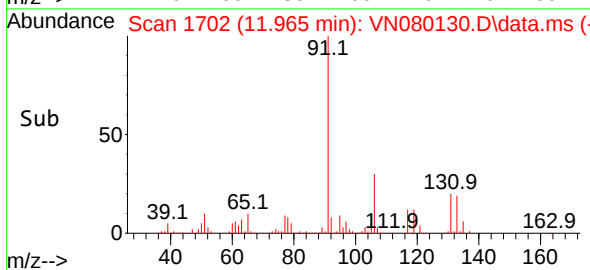
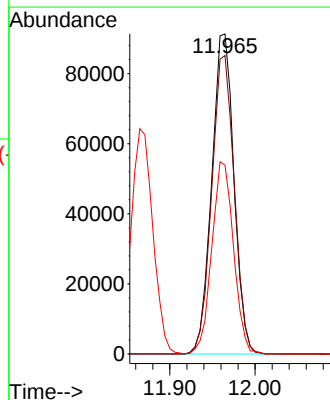
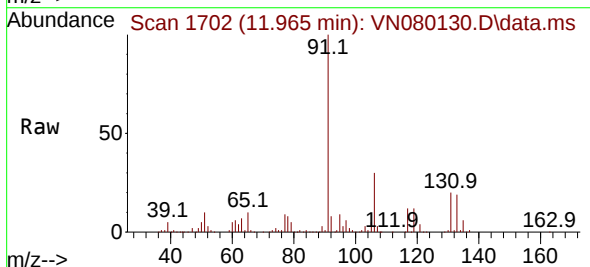
Manual Integrations
APPROVED

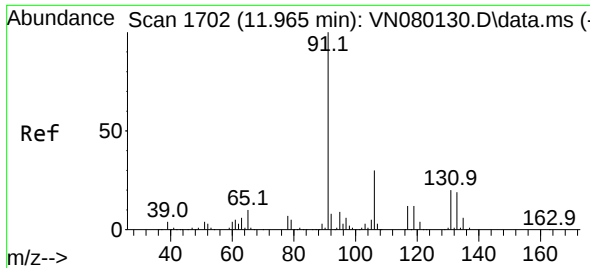
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.396 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

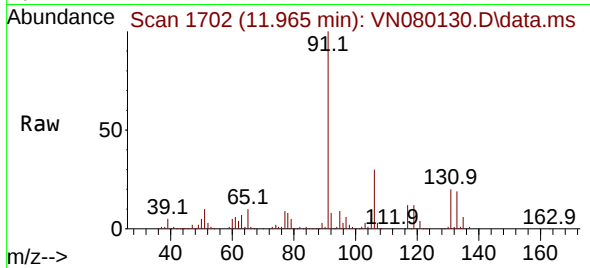
Tgt Ion:131 Resp: 165091
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 58.9 34.1 102.2





#67
Ethyl Benzene
Concen: 51.428 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

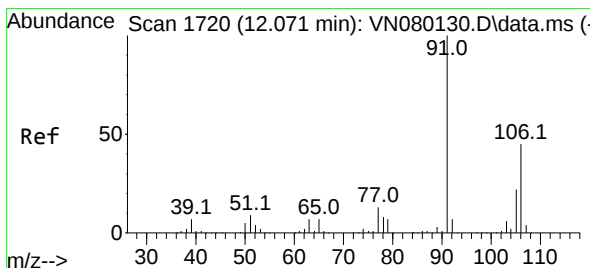
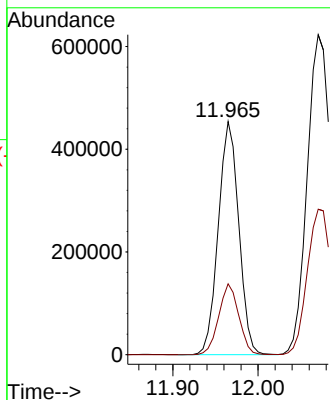
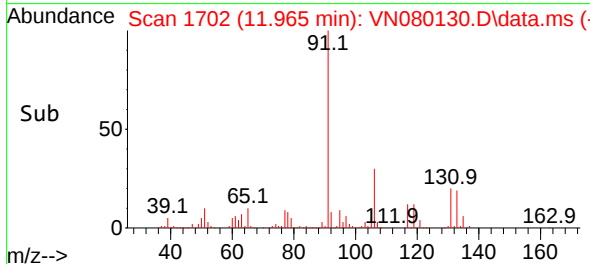
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



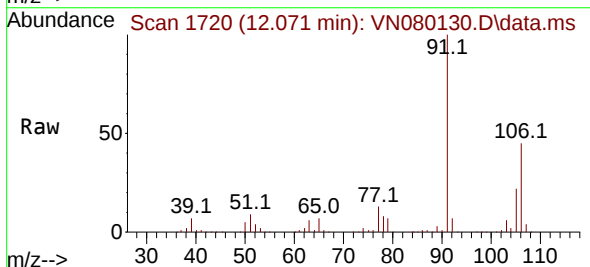
Tgt Ion: 91 Resp: 757484
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

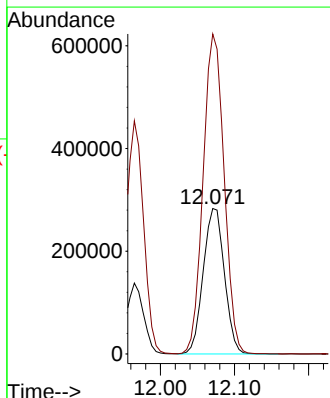
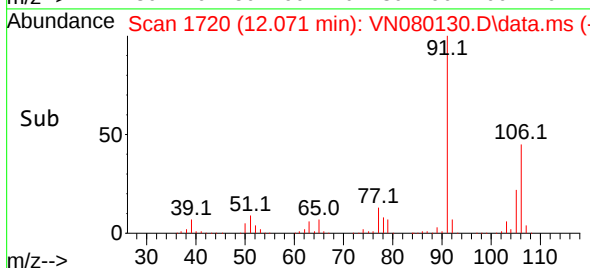
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 104.577 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



Tgt Ion:106 Resp: 561607
Ion Ratio Lower Upper
106 100
91 218.2 159.6 239.4





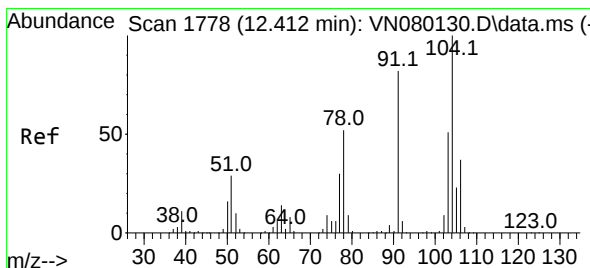
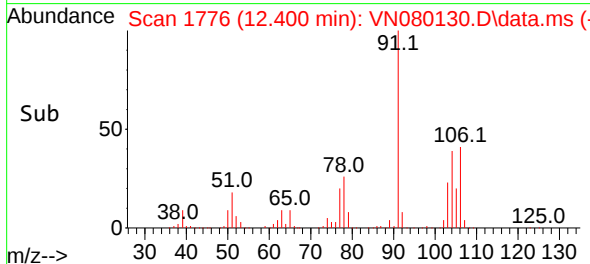
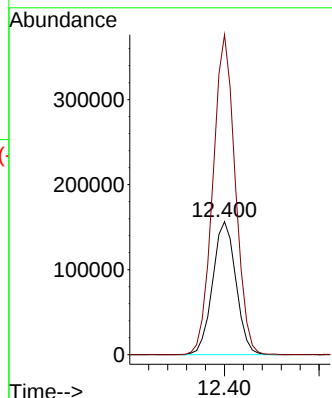
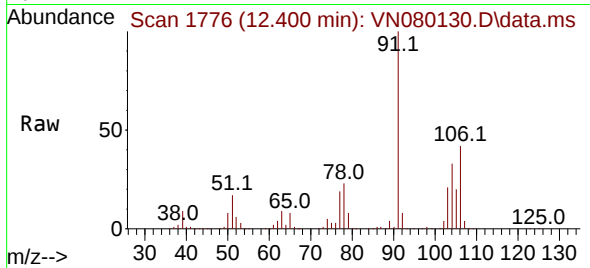
#69
o-Xylene
Concen: 52.689 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 266663
Ion Ratio Lower Upper
106 100
91 231.5 105.2 315.5

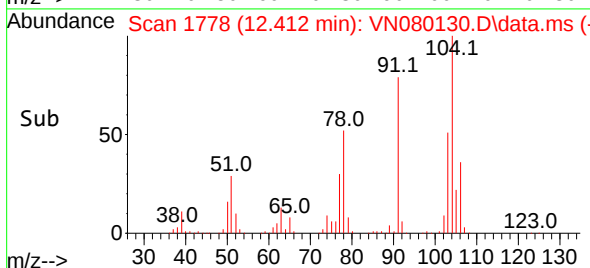
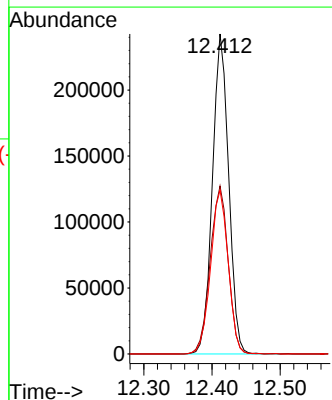
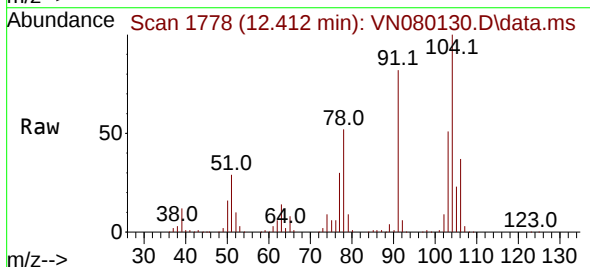
Manual Integrations
APPROVED

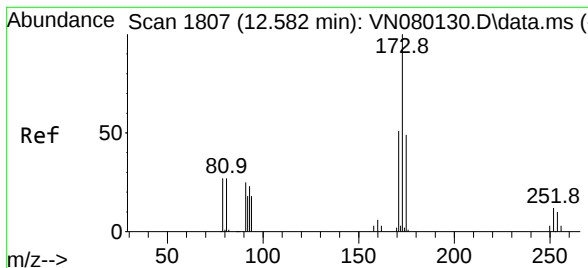
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 53.410 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:104 Resp: 402334
Ion Ratio Lower Upper
104 100
78 58.0 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 50.131 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

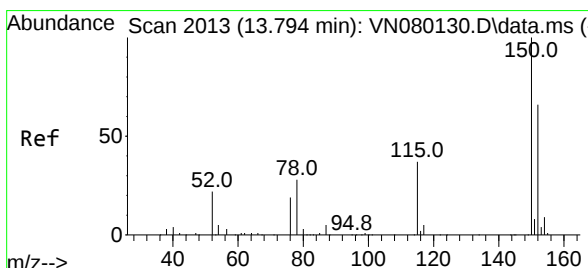
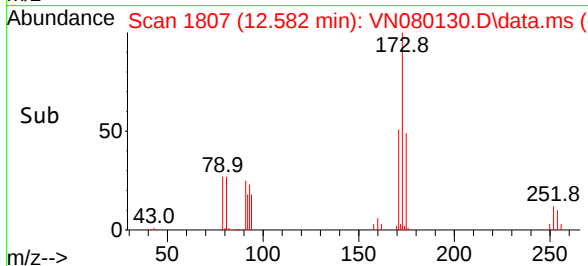
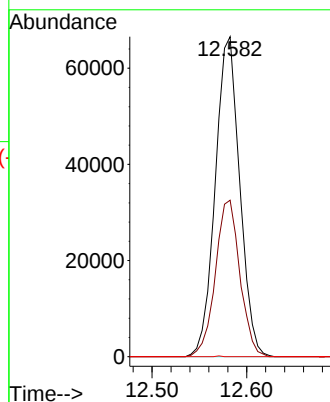
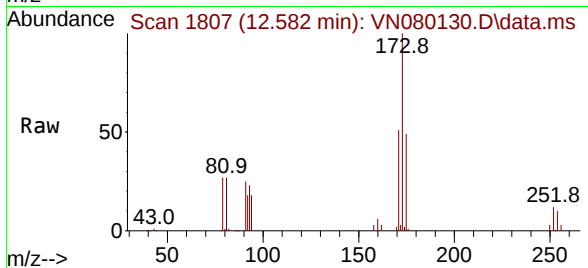
Tgt Ion:173 Resp: 119415
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.1 0.0 0.0

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

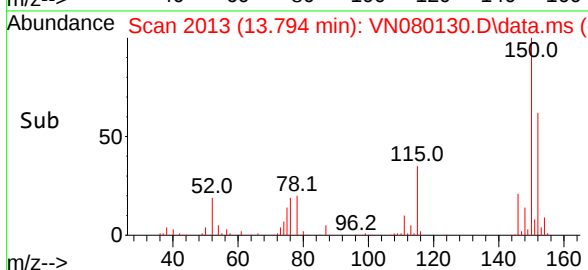
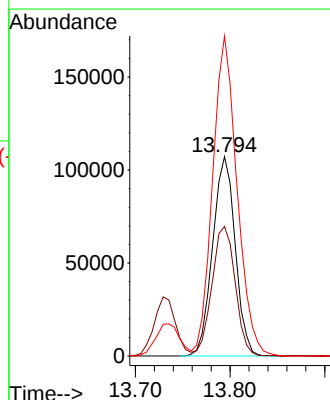
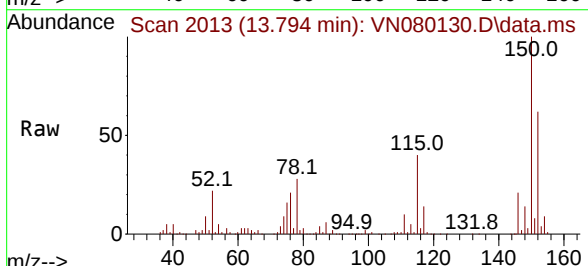
RT: 13.794 min Scan# 2013

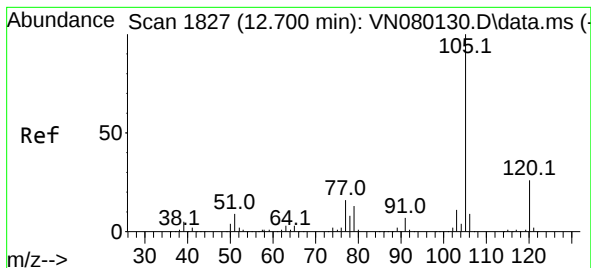
Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Tgt Ion:152 Resp: 177278
 Ion Ratio Lower Upper
 152 100
 115 67.0 32.3 96.8
 150 173.8 0.0 355.8





#73

Isopropylbenzene

Concen: 52.164 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 71860

Ion Ratio Lower Upper

105 100

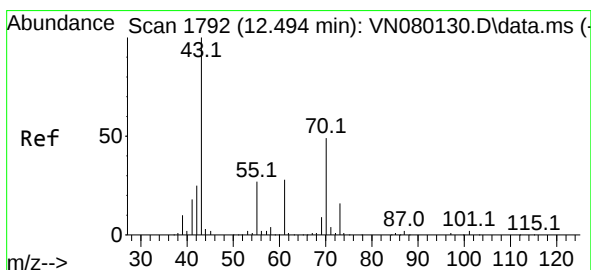
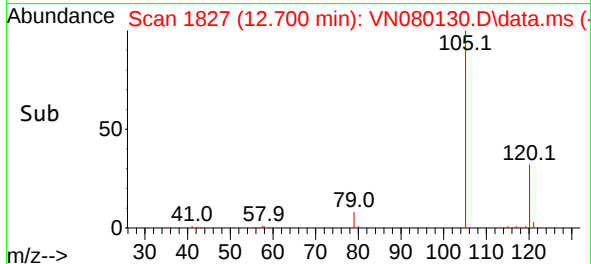
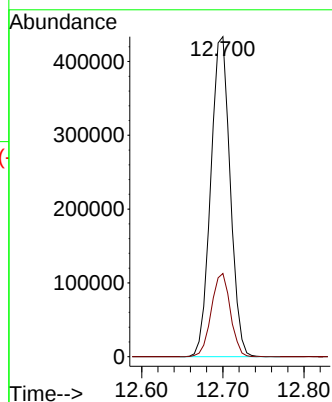
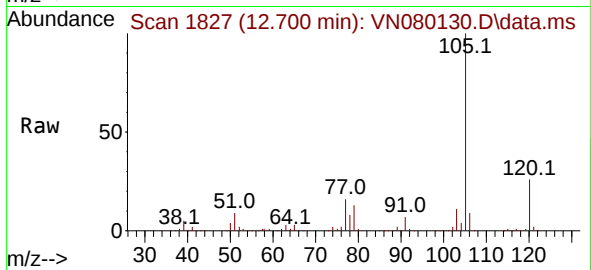
120 25.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#74

N-ethyl acetate

Concen: 51.818 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Tgt Ion: 43 Resp: 222605

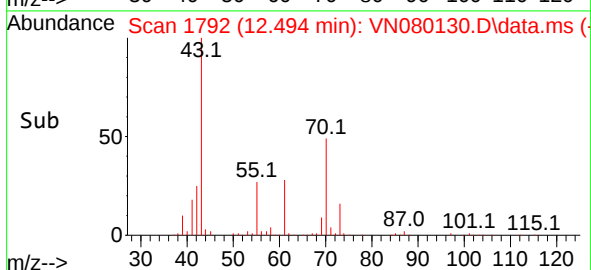
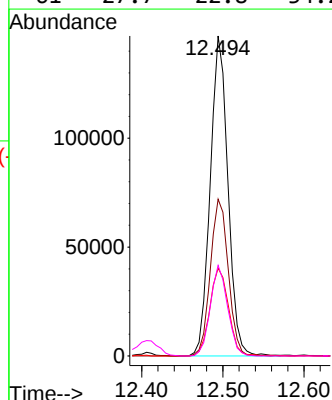
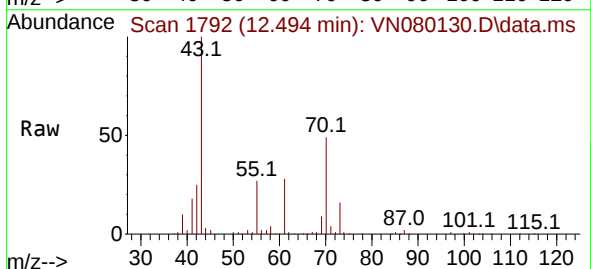
Ion Ratio Lower Upper

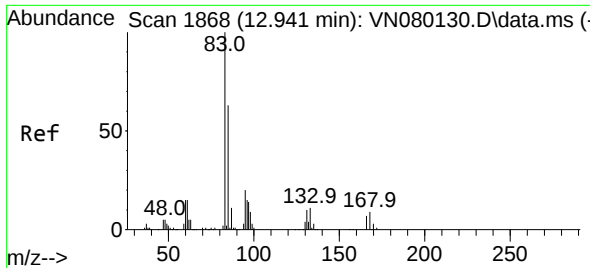
43 100

70 49.6 43.4 65.2

55 28.9 21.4 32.0

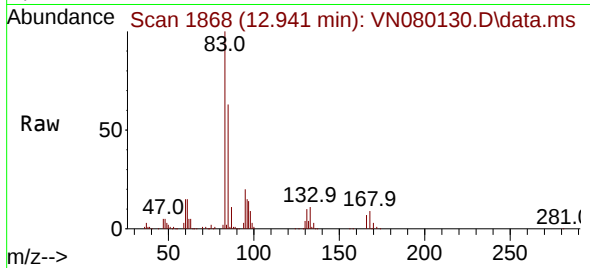
61 27.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.935 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

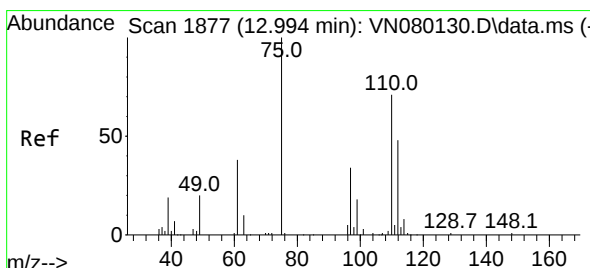
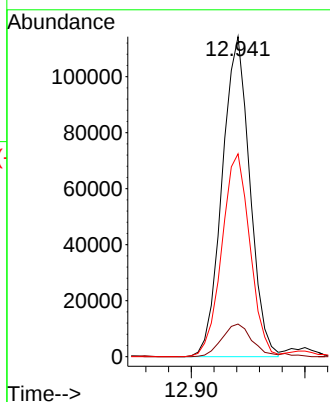
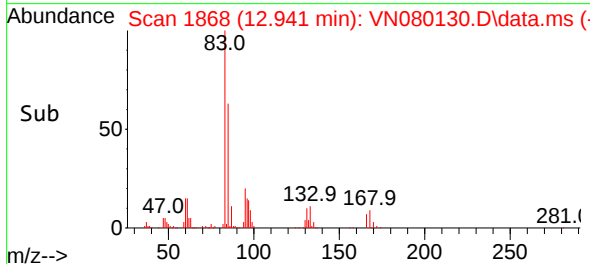
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 193514
Ion Ratio Lower Upper
83 100
131 11.5 5.0 15.0
85 64.4 31.9 95.7

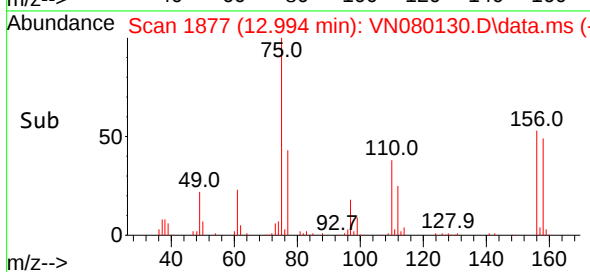
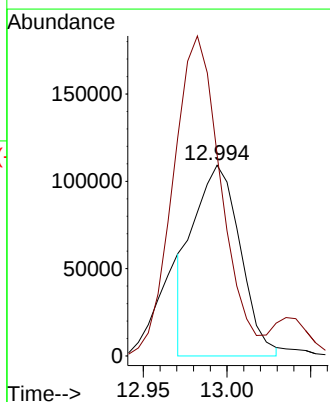
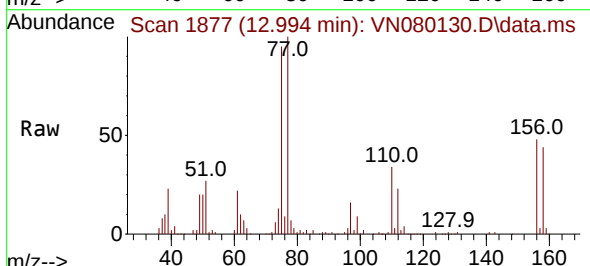
Manual Integrations
APPROVED

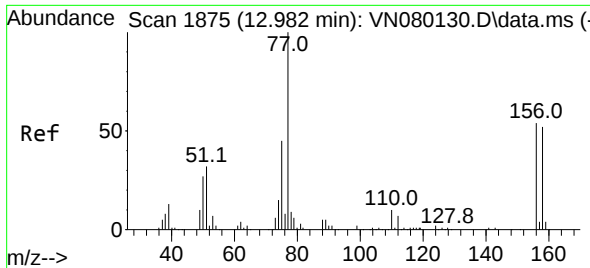
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 49.214 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

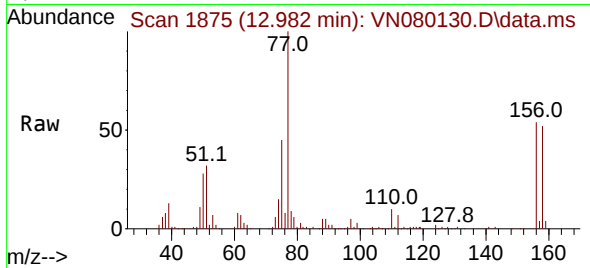
Tgt Ion: 75 Resp: 212722
Ion Ratio Lower Upper
75 100
77 170.9 84.5 253.5





#77
Bromobenzene
Concen: 49.517 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

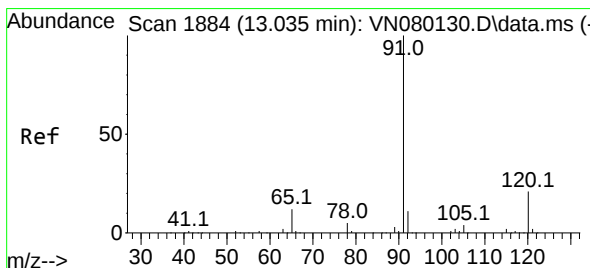
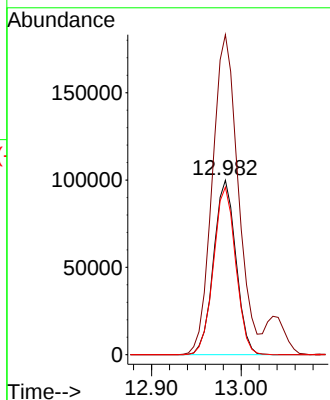
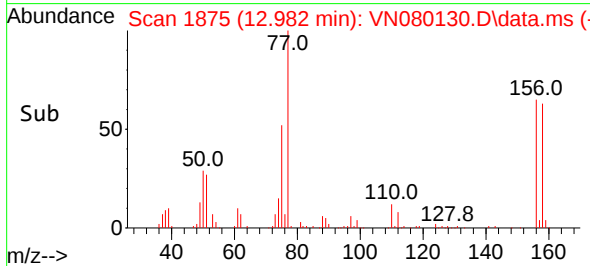
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



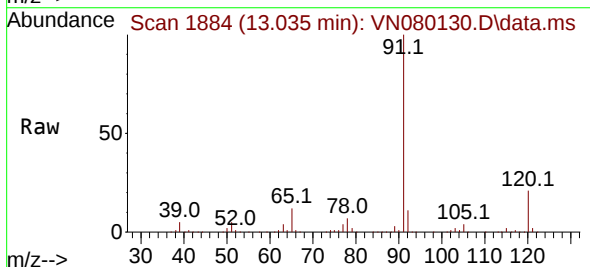
Tgt Ion:156 Resp: 171980
Ion Ratio Lower Upper
156 100
77 211.4 107.7 323.3
158 95.6 48.4 145.3

Manual Integrations
APPROVED

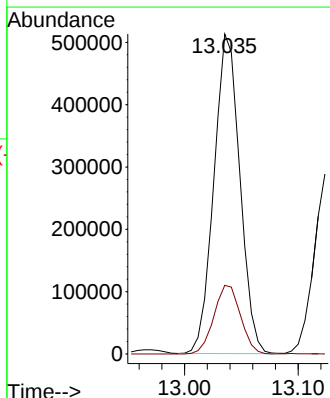
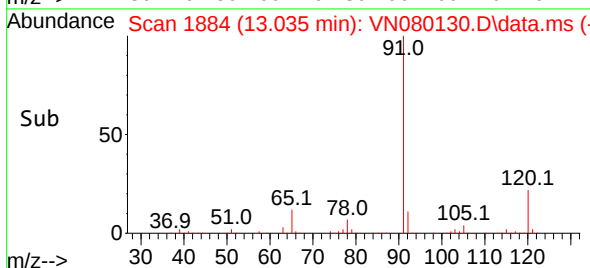
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

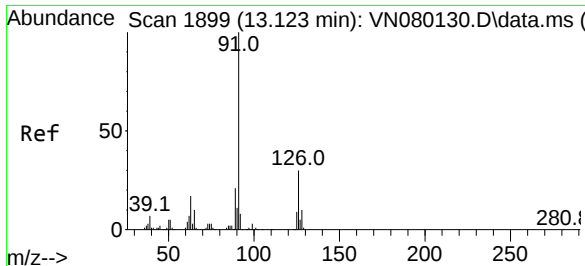


#78
n-propylbenzene
Concen: 52.816 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



Tgt Ion: 91 Resp: 813609
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





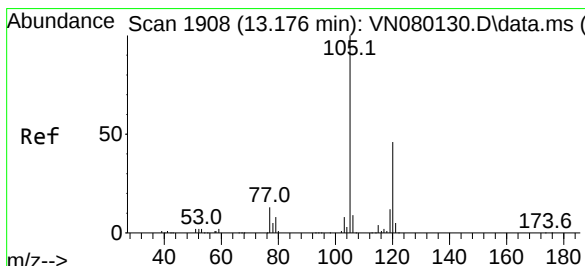
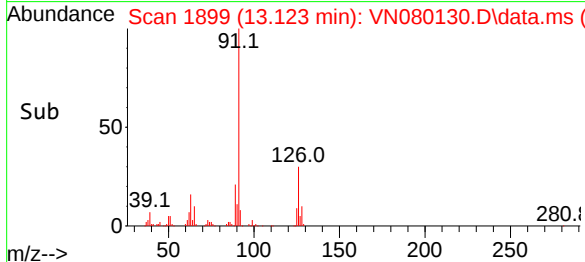
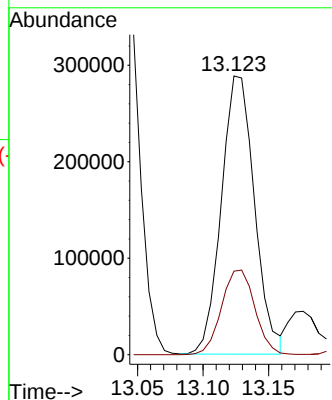
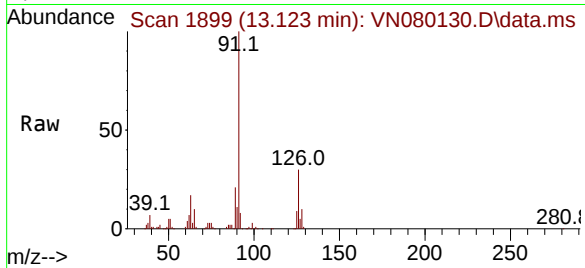
#79
2-Chlorotoluene
Concen: 50.755 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 507800
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8

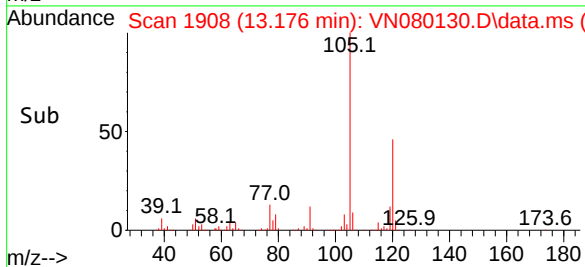
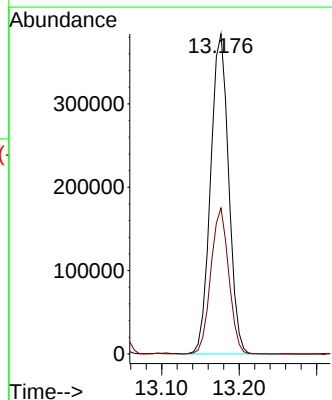
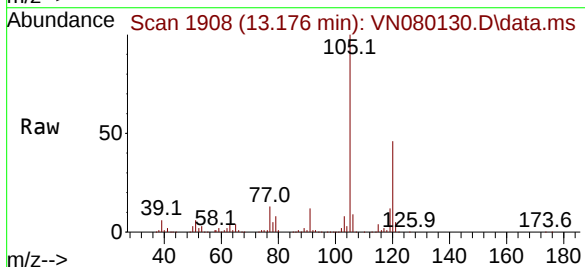
Manual Integrations
APPROVED

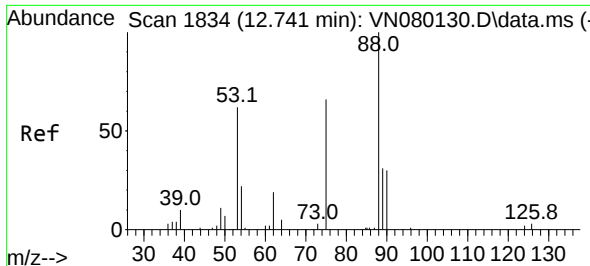
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.776 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

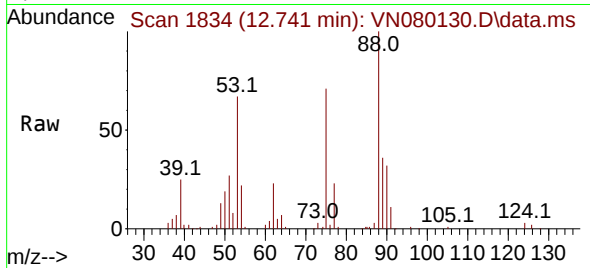
Tgt Ion:105 Resp: 620887
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.317 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

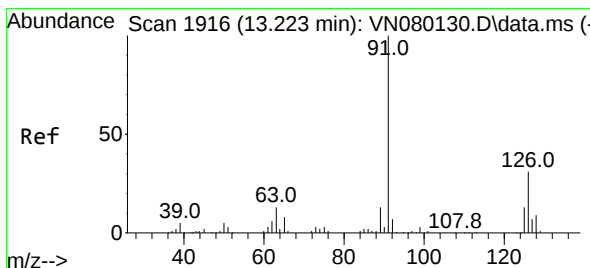
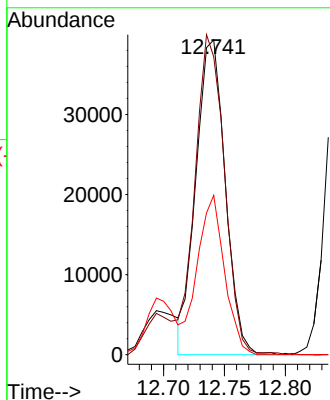
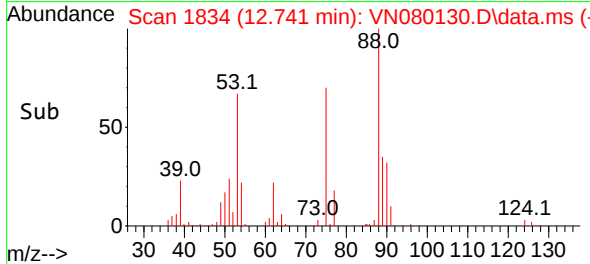
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 65975
Ion Ratio Lower Upper
75 100
53 103.4 67.4 101.2
89 47.5 38.8 58.2

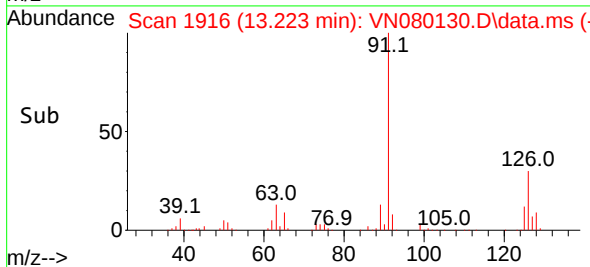
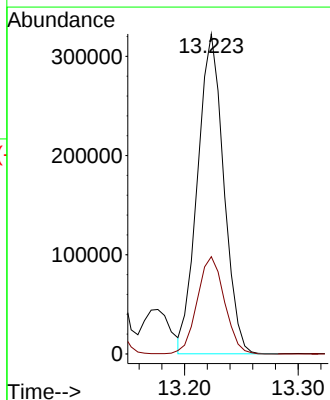
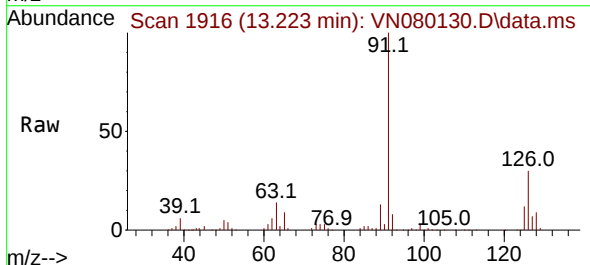
Manual Integrations
APPROVED

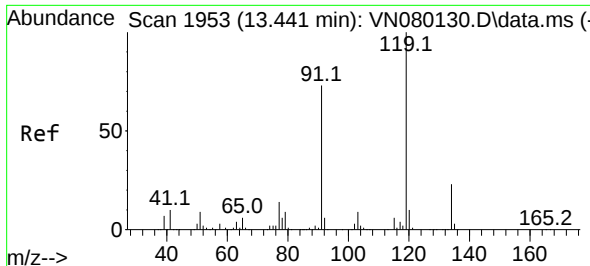
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 50.429 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

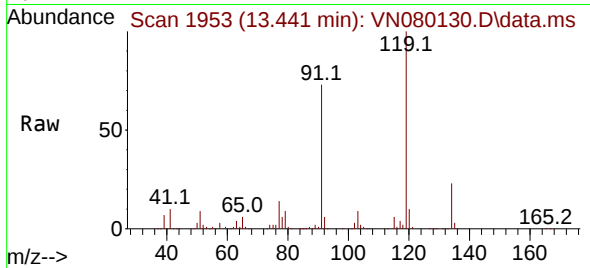
Tgt Ion: 91 Resp: 516880
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 53.031 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

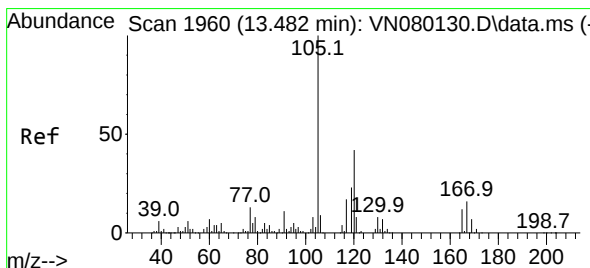
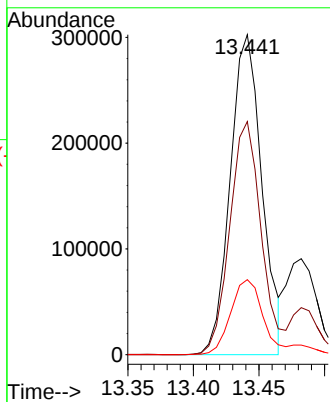
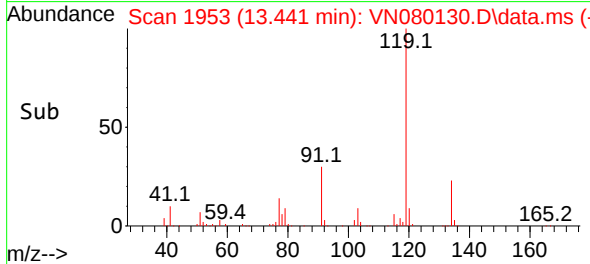
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



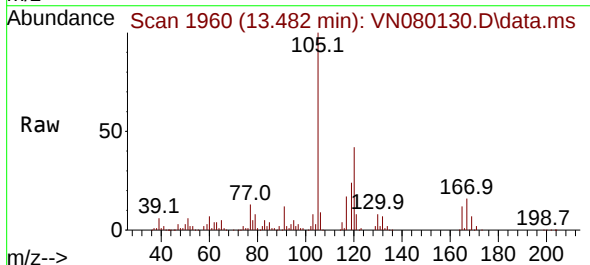
Tgt Ion:119 Resp: 509970
Ion Ratio Lower Upper
119 100
91 72.7 33.9 101.7
134 23.8 13.2 39.6

Manual Integrations
APPROVED

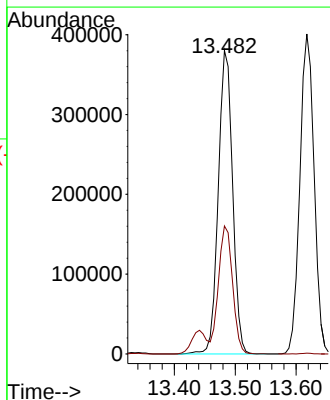
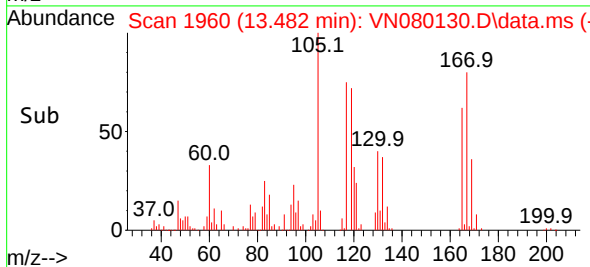
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

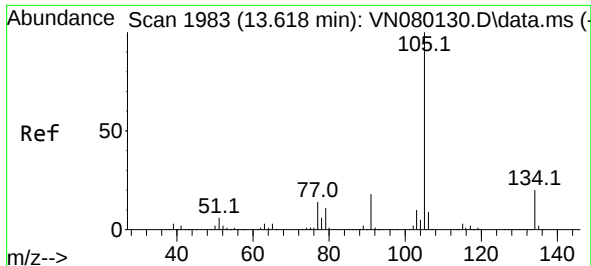


#84
1,2,4-Trimethylbenzene
Concen: 52.590 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58



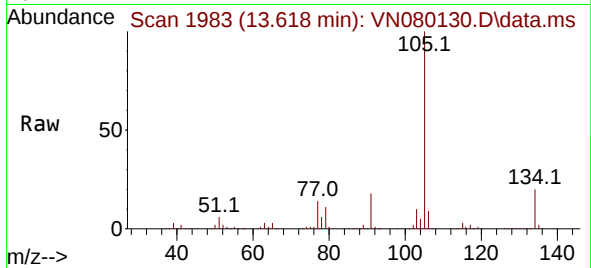
Tgt Ion:105 Resp: 620982
Ion Ratio Lower Upper
105 100
120 41.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.446 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

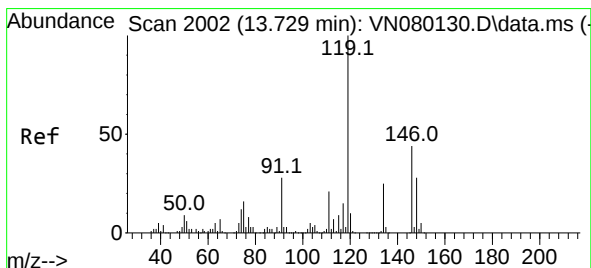
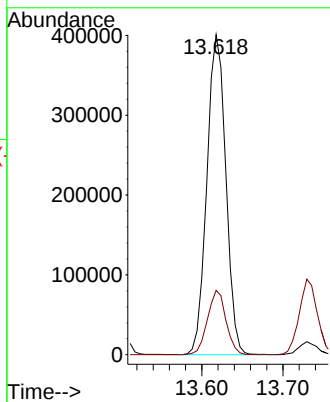
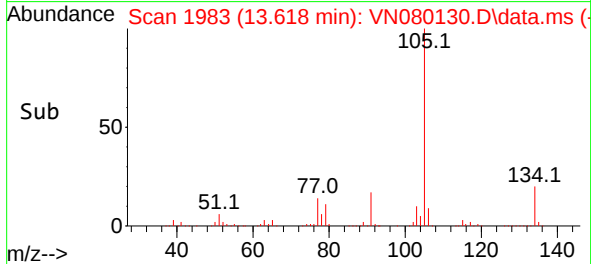
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



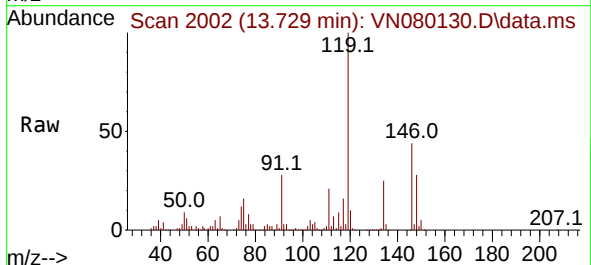
Tgt Ion:105 Resp: 650178
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

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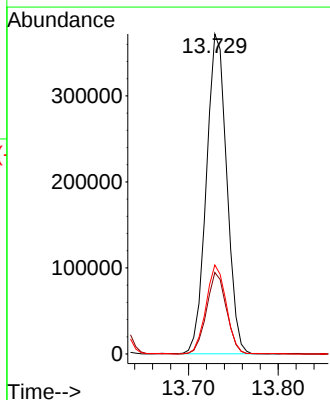
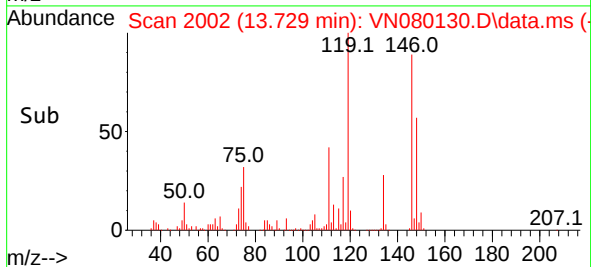
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

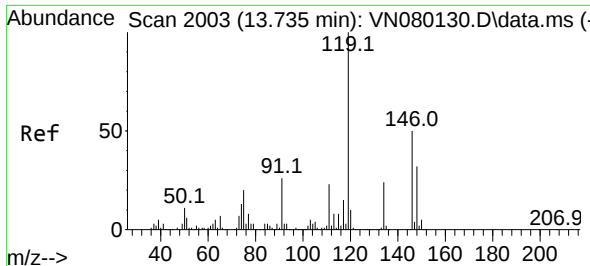


#86
 p-Isopropyltoluene
 Concen: 53.969 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58



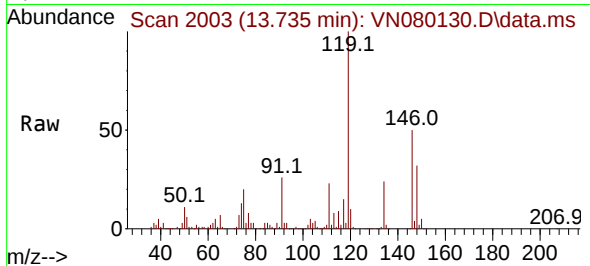
Tgt Ion:119 Resp: 586497
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 48.355 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58

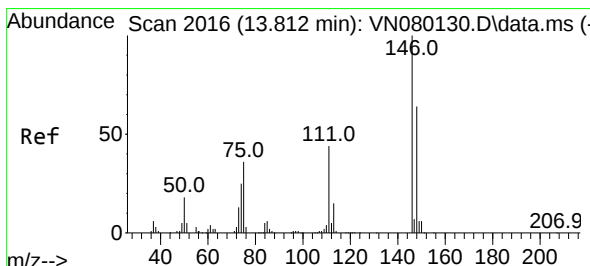
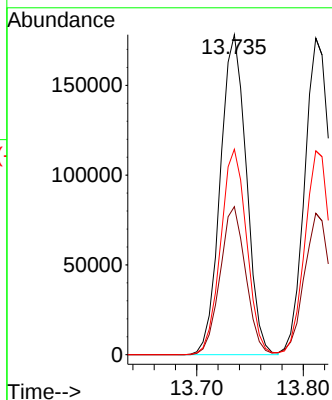
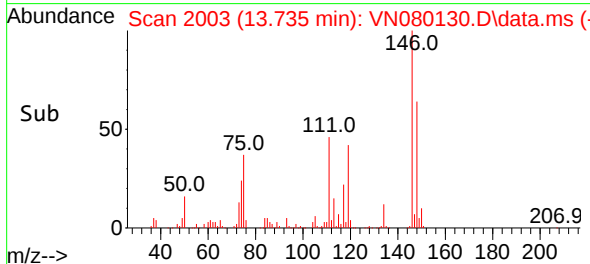
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



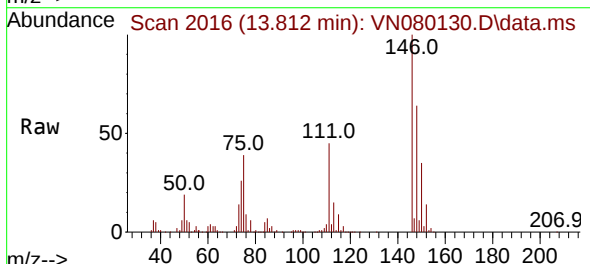
Tgt Ion:146 Resp: 302584
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.1 66.3
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

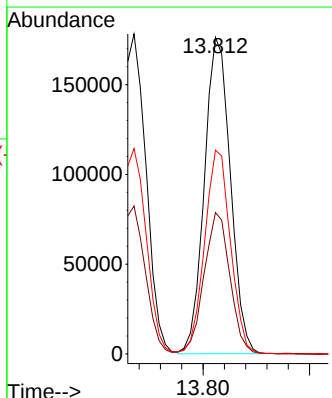
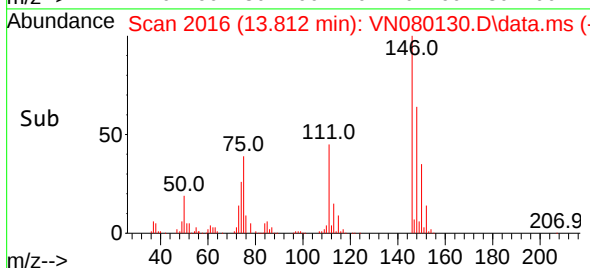
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

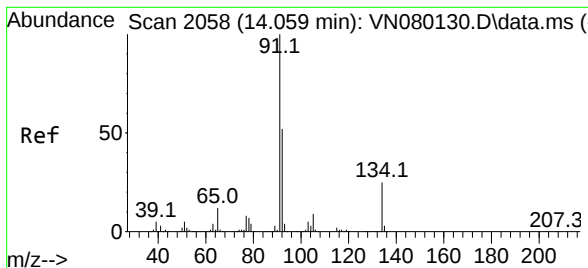


#88
 1,4-Dichlorobenzene
 Concen: 47.608 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080130.D
 Acq: 16 Nov 2023 11:58



Tgt Ion:146 Resp: 299382
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.8
 148 64.3 31.6 94.8





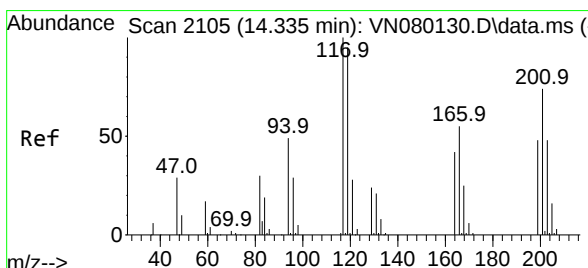
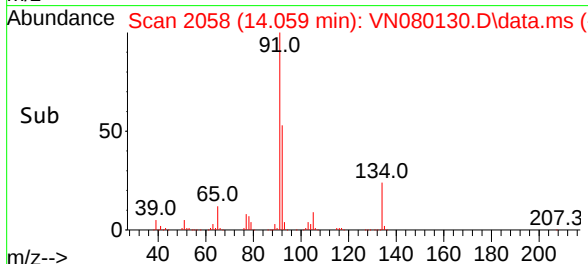
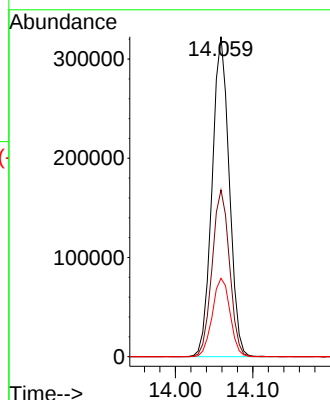
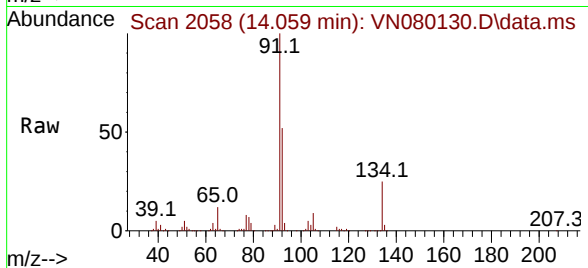
#89
n-Butylbenzene
Concen: 54.561 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 49628
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.3 12.6 37.6

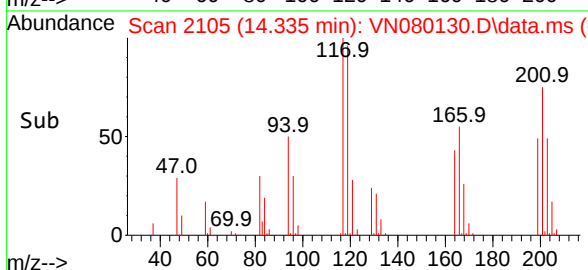
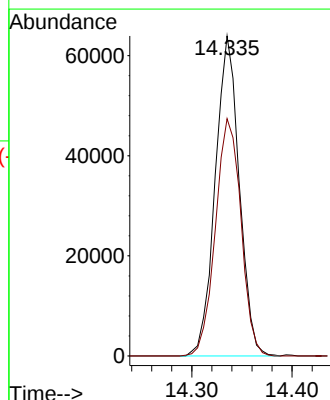
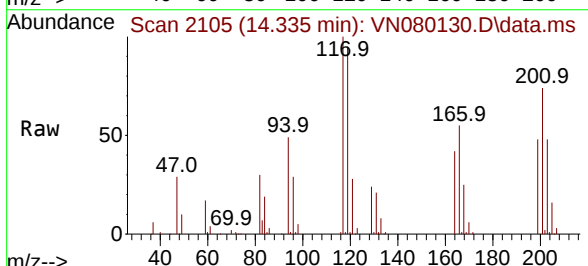
Manual Integrations
APPROVED

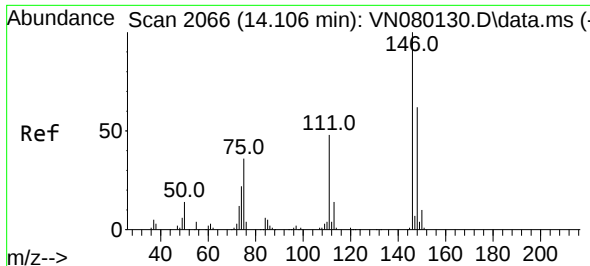
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 50.105 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:117 Resp: 106152
Ion Ratio Lower Upper
117 100
201 78.7 29.3 88.0





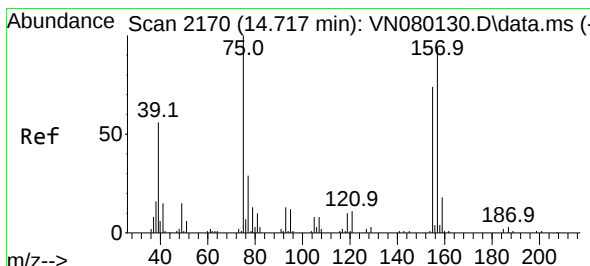
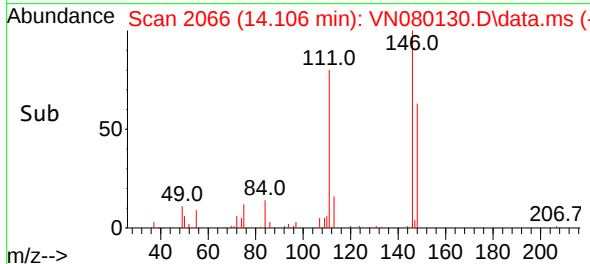
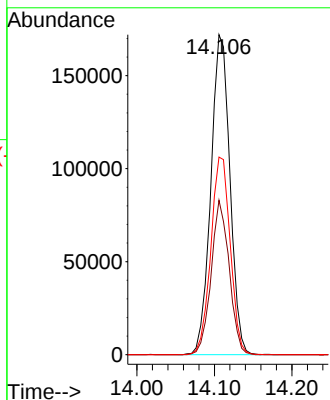
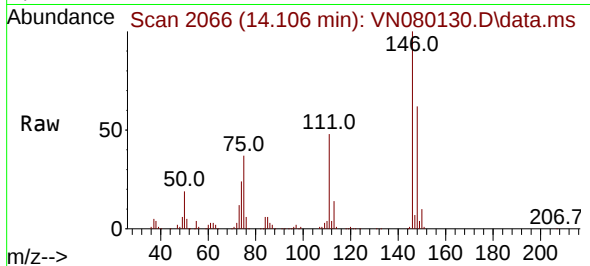
#91
1,2-Dichlorobenzene
Concen: 49.083 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 293914
Ion Ratio Lower Upper
146 100
111 45.7 22.0 66.0
148 62.8 31.8 95.3

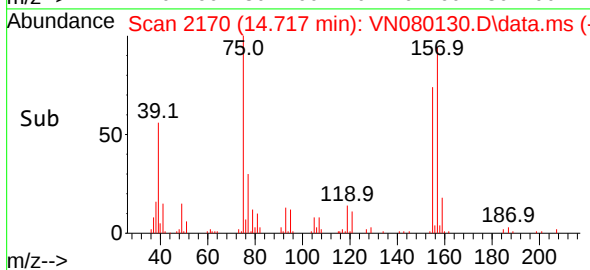
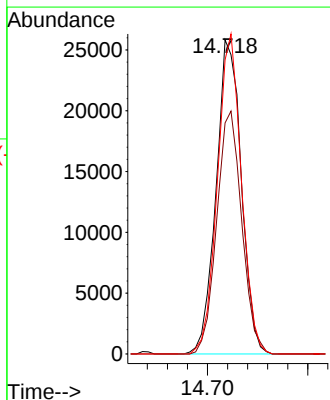
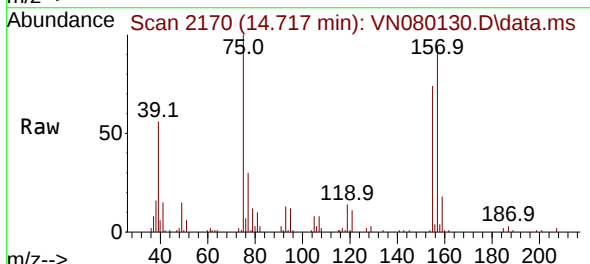
Manual Integrations
APPROVED

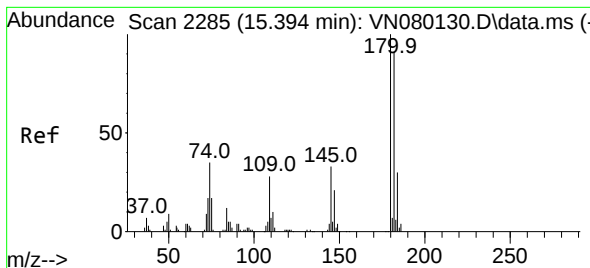
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.966 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion: 75 Resp: 44978
Ion Ratio Lower Upper
75 100
155 76.9 39.1 117.2
157 97.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.178 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 167789

Ion Ratio Lower Upper

180 100

182 95.7 46.1 138.2

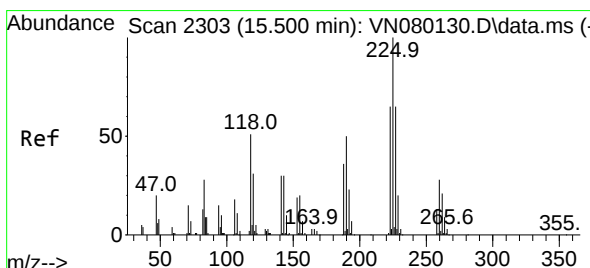
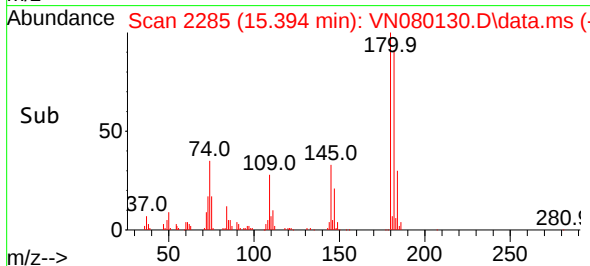
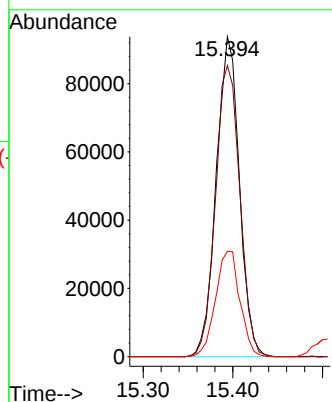
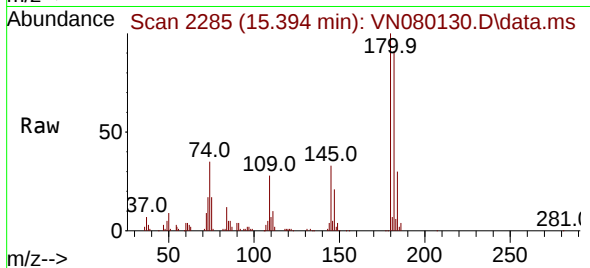
145 34.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#94

Hexachlorobutadiene

Concen: 46.450 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080130.D

Acq: 16 Nov 2023 11:58

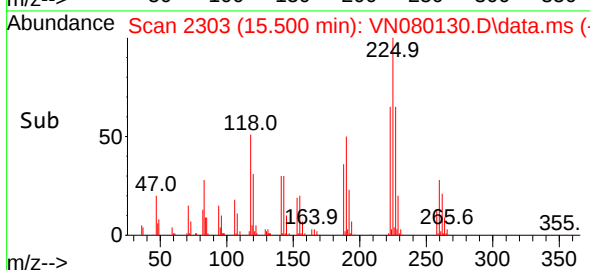
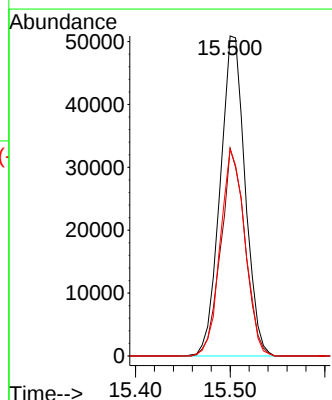
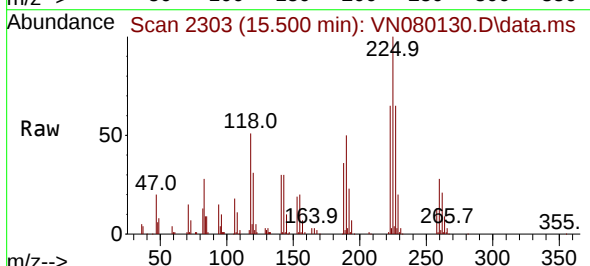
Tgt Ion:225 Resp: 93095

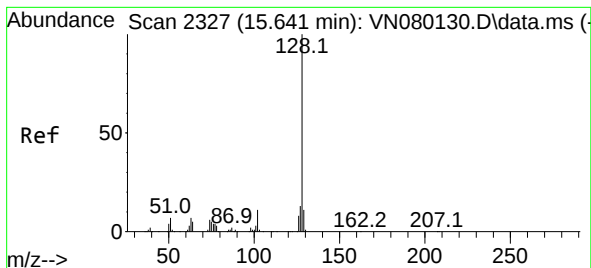
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 63.7 31.9 95.9





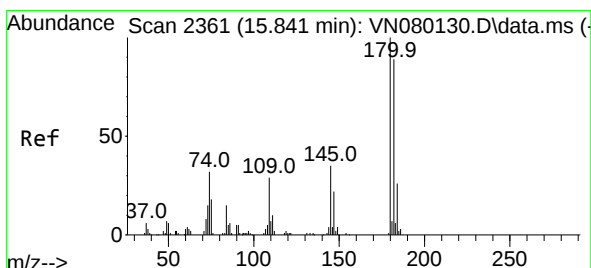
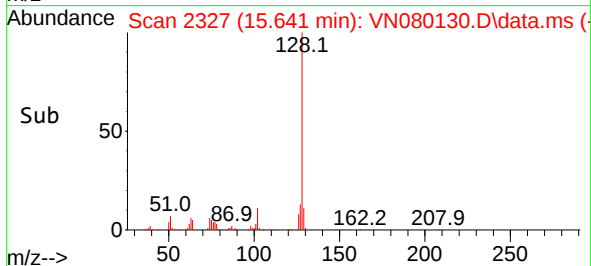
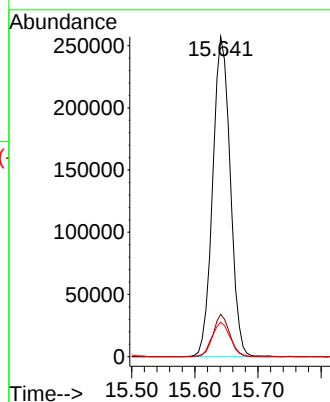
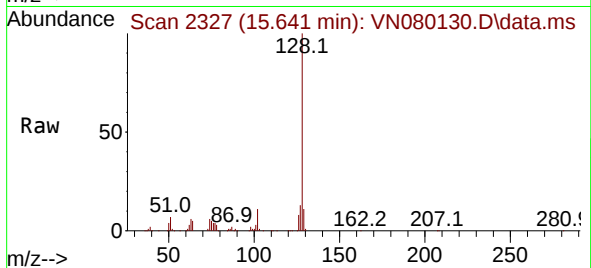
#95
Naphthalene
Concen: 49.192 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 496800
Ion Ratio Lower Upper
128 100
127 12.7 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: 49.024 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080130.D
Acq: 16 Nov 2023 11:58

Tgt Ion:180 Resp: 160032
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 36.9 17.5 52.6

