

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080982.D
 Acq On : 09 Feb 2024 11:11
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 01:39:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	86356	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	484059	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	435485	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	189514	29.206	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.367%	
60) 4-Bromofluorobenzene	12.853	95	197757	29.704	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.000%	
63) Toluene-d8	10.571	98	599646	30.683	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.267%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57931	9.866	ug/l	96
3) Chloromethane	2.359	50	57790	9.794	ug/l	98
4) Vinyl Chloride	2.512	62	64748	9.203	ug/l	91
5) Bromomethane	2.965	94	45682m	9.667	ug/l	
6) Chloroethane	3.118	64	41772	9.108	ug/l	95
7) Trichlorofluoromethane	3.495	101	87057	9.397	ug/l	91
8) Diethyl Ether	3.959	74	30145	9.258	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	47942	9.540	ug/l	72
10) 1,1-Dichloroethene	4.342	96	45312	9.195	ug/l	92
11) Methyl Iodide	4.589	142	46196	8.753	ug/l	95
12) Methyl Acetate	5.018	43	42871m	9.636	ug/l	
13) Acrolein	4.183	56	50936	52.303	ug/l	98
14) Acrylonitrile	5.718	53	98599	44.418	ug/l	97
15) Acetone	4.424	58	25504m	49.995	ug/l	
16) Carbon Disulfide	4.718	76	122062	9.025	ug/l	96
17) Allyl chloride	5.018	41	57579	9.303	ug/l	89
18) Methylene Chloride	5.277	84	50672	8.991	ug/l #	90
19) trans-1,2-Dichloroethene	5.789	96	49985	8.935	ug/l	87
20) Diisopropyl ether	6.677	45	129931	8.735	ug/l	92
21) 1,1-Dichloroethane	6.565	63	83772	8.787	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	56903	8.754	ug/l	93
23) tert-Butyl Alcohol	5.518	59	37527	46.455	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	143675	8.794	ug/l	96
25) Chloroform	7.965	83	95609	9.040	ug/l	98
26) Cyclohexane	8.259	56	61703	8.596	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	66352	9.202	ug/l	97
30) 2-Butanone	7.488	43	126676	47.884	ug/l	97
31) 2,2-Dichloropropane	7.494	77	72346	8.813	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	83035	9.154	ug/l #	90
33) Carbon Tetrachloride	8.365	117	69840	9.139	ug/l	96
34) Benzene	8.612	78	205368	9.320	ug/l	98
35) Methacrylonitrile	7.783	41	28710	9.233	ug/l	87
36) 1,2-Dichloroethane	8.677	62	71018	9.604	ug/l	99
37) Trichloroethene	9.359	130	54359	9.279	ug/l	100
38) Methylcyclohexane	9.600	83	65279	9.072	ug/l	95
39) 1,2-Dichloropropane	9.618	63	49865	9.541	ug/l	99
40) Dibromomethane	9.712	93	36969	9.297	ug/l	96
41) Bromodichloromethane	9.888	83	71099	9.136	ug/l	95
42) Vinyl Acetate	6.600	43	510680	44.928	ug/l	98

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VSTDICC010

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M

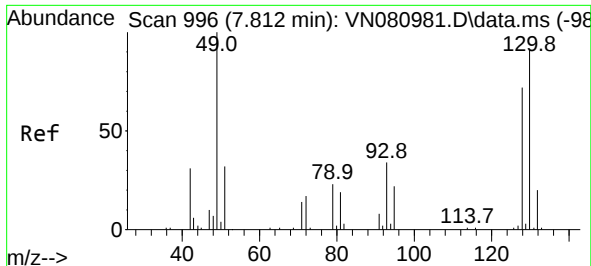
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Sat Feb 10 01:30:36 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	48969	8.691	ug/l	96
44) Isopropyl Acetate	8.694	43	91591	9.251	ug/l	98
45) 1,4-Dioxane	9.700	88	18344	196.481	ug/l #	67
46) Methyl methacrylate	9.682	41	41014	9.054	ug/l	89
47) n-amyl Acetate	12.500	43	73381	8.499	ug/l	92
48) t-1,3-Dichloropropene	10.841	75	71793	8.803	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	76949	8.707	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	51474	9.356	ug/l	99
51) Ethyl methacrylate	10.876	69	67224	8.742	ug/l	89
52) 1,3-Dichloropropane	11.165	76	83987	9.244	ug/l	100
53) Dibromochloromethane	11.359	129	52904	8.822	ug/l	98
54) 1,2-Dibromoethane	11.471	107	52623	9.245	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	196009	49.741	ug/l	98
56) Bromoform	12.576	173	31249	8.182	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	268767	47.537	ug/l	93
59) 2-Hexanone	11.200	43	191854	46.137	ug/l	95
61) Tetrachloroethene	11.112	164	46355	9.319	ug/l	89
62) Toluene	10.635	91	224022	9.391	ug/l	100
64) Chlorobenzene	11.894	112	135332	9.263	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	47843	8.828	ug/l	97
66) Ethyl Benzene	11.965	91	231257	9.220	ug/l	98
67) m/p-Xylenes	12.076	106	176287	17.897	ug/l	97
68) o-Xylene	12.400	106	88048	9.121	ug/l	92
69) Styrene	12.412	104	138755	8.731	ug/l	97
70) Isopropylbenzene	12.700	105	215823	9.174	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	69630	9.599	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	52644m	9.499	ug/l	
73) Bromobenzene	12.982	156	55250	9.444	ug/l	87
74) n-propylbenzene	13.041	91	239980	8.976	ug/l	97
75) 2-Chlorotoluene	13.129	91	152737	9.203	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	169221	8.791	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	16986	7.974	ug/l	82
78) 4-Chlorotoluene	13.223	91	153965	9.262	ug/l	97
79) tert-butylbenzene	13.441	119	144435	9.039	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	169531	8.840	ug/l	94
81) sec-Butylbenzene	13.617	105	201164	8.990	ug/l	100
82) p-Isopropyltoluene	13.729	119	163537	8.706	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	92049	8.748	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	93636	8.866	ug/l	98
85) n-Butylbenzene	14.059	91	131882	8.509	ug/l	99
86) Hexachloroethane	14.341	117	25523	8.614	ug/l	85
87) 1,2-Dichlorobenzene	14.112	146	94746	9.249	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12150	9.280	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	45015	8.982	ug/l	96
90) Hexachlorobutadiene	15.506	225	20456	9.304	ug/l	96
91) Naphthalene	15.641	128	154603	8.688	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	45015	8.982	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



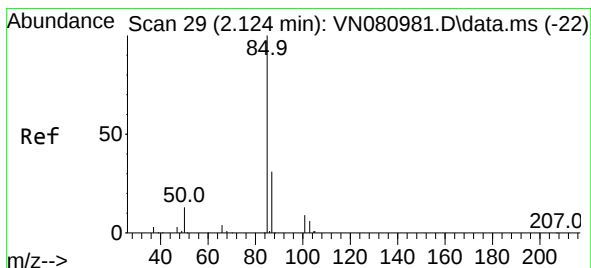
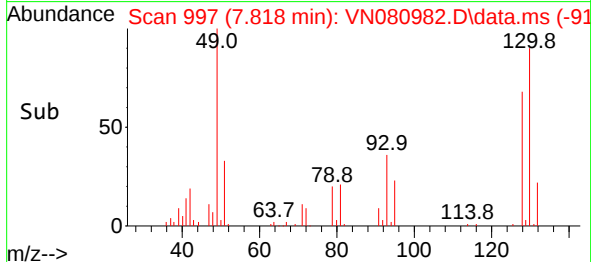
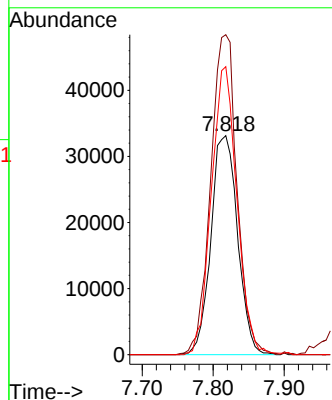
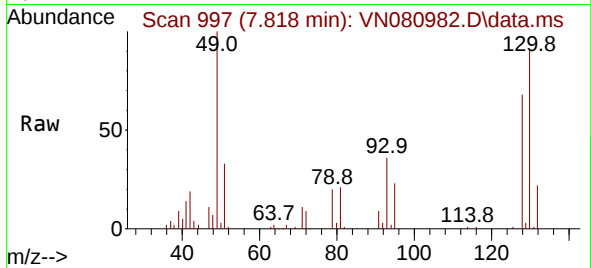
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 86350
Ion Ratio Lower Upper
128 100
49 144.4 0.0 403.7
130 126.5 0.0 323.3

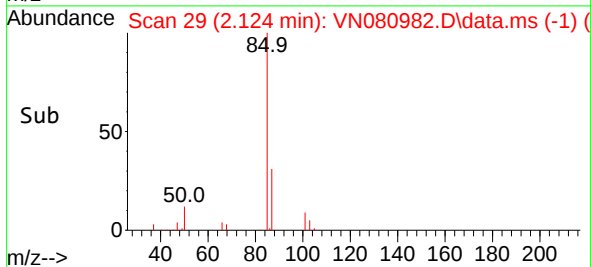
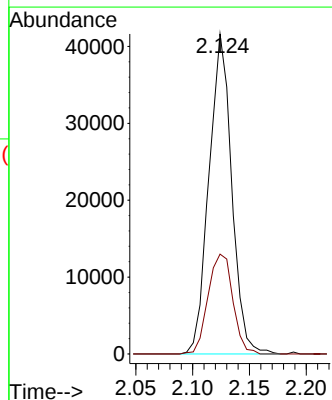
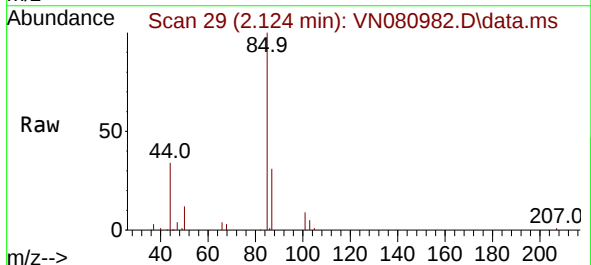
Manual Integrations
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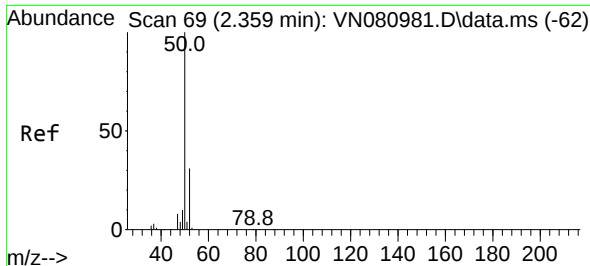
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 9.866 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 85 Resp: 57931
Ion Ratio Lower Upper
85 100
87 31.2 16.8 50.3





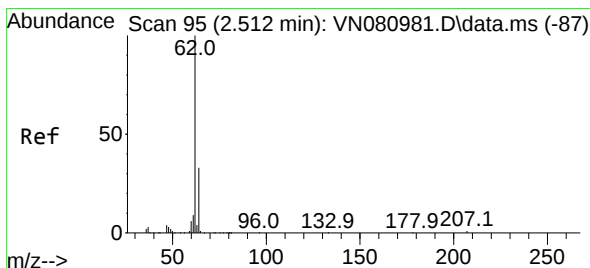
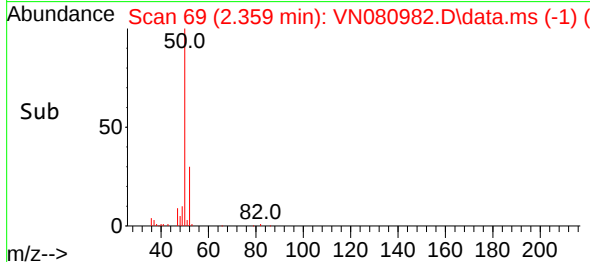
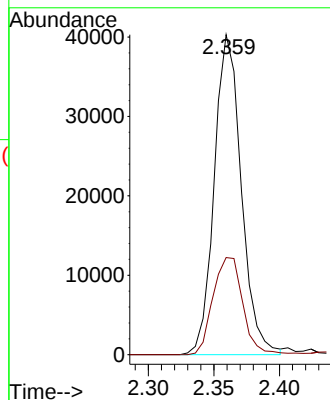
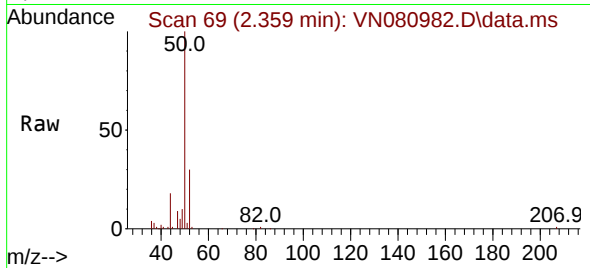
#3
Chloromethane
Concen: 9.794 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 57790
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.0

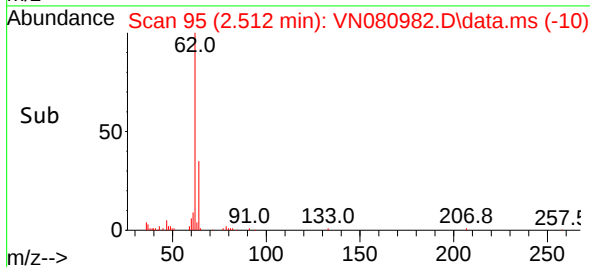
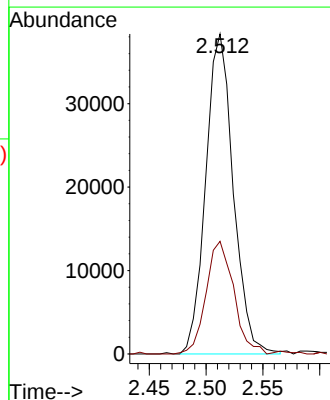
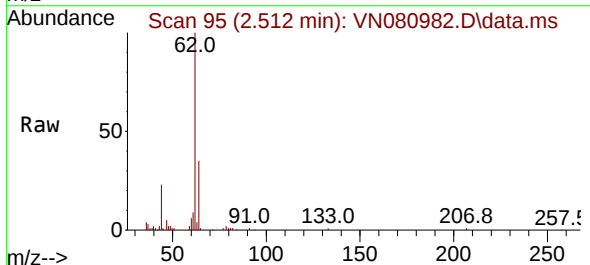
Manual Integrations
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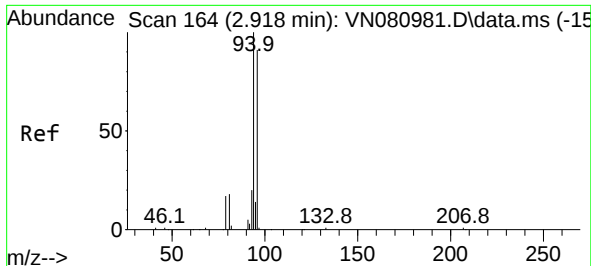
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 9.203 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

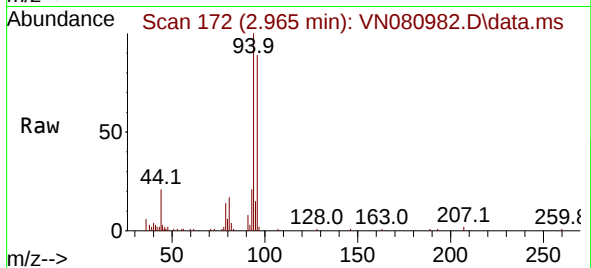
Tgt Ion: 62 Resp: 64748
Ion Ratio Lower Upper
62 100
64 34.8 24.1 36.1





#5
Bromomethane
Concen: 9.667 ug/l m
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

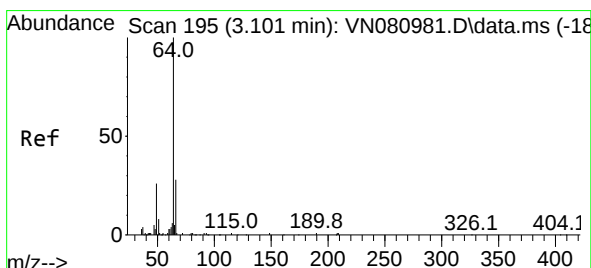
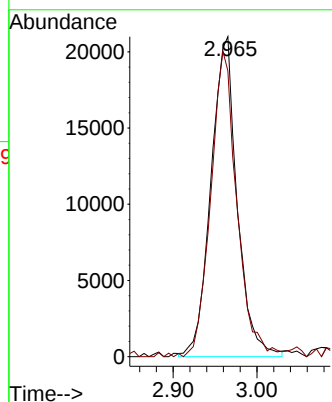
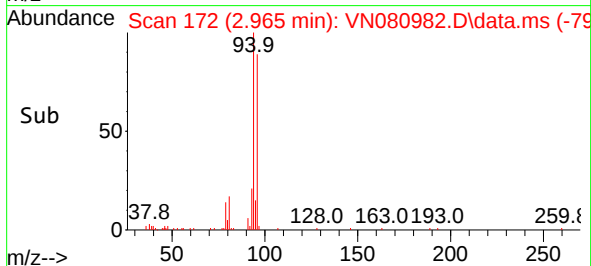
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 94 Resp: 4568
Ion Ratio Lower Upper
94 100
96 89.3 72.8 109.2

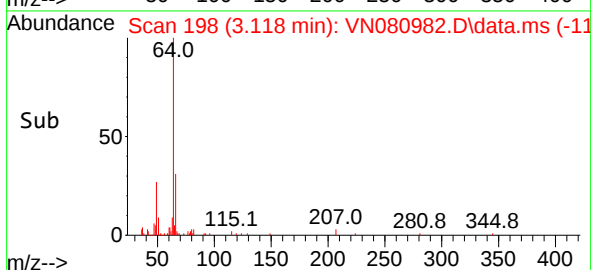
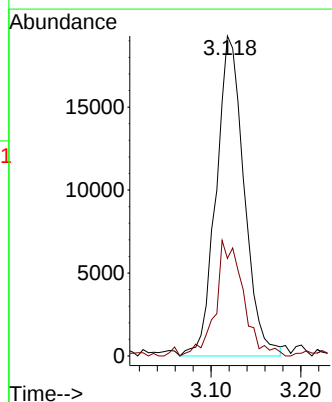
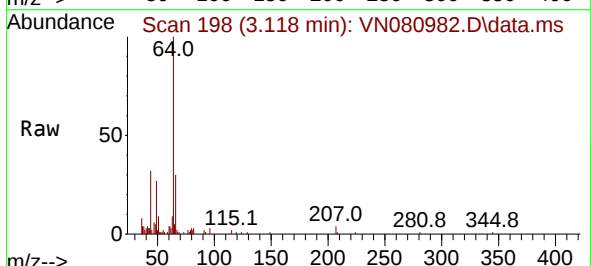
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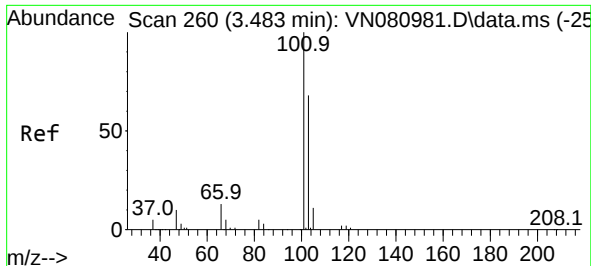
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 9.108 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.018 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 64 Resp: 41772
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1





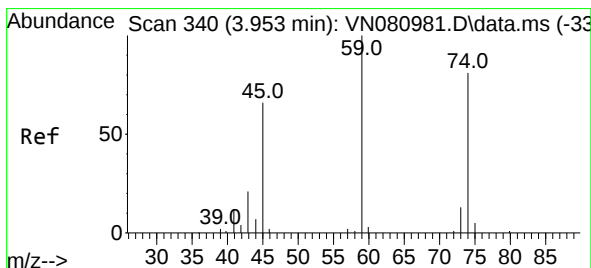
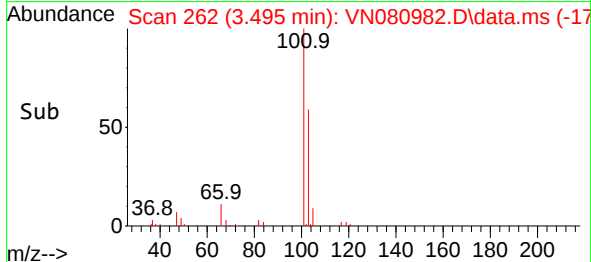
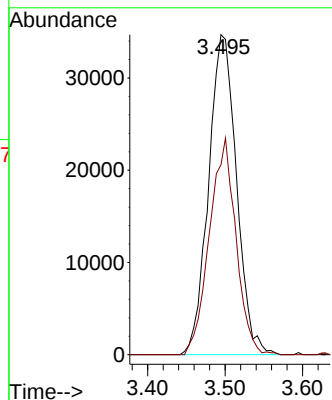
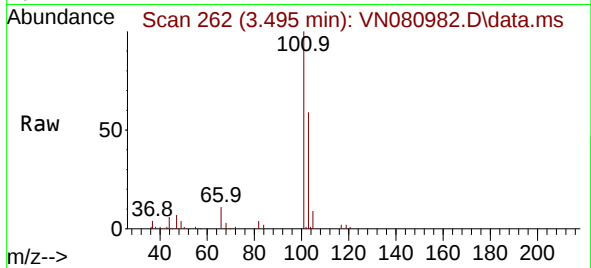
#7
Trichlorofluoromethane
Concen: 9.397 ug/l
RT: 3.495 min Scan# 260
Delta R.T. 0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
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Tgt Ion:101 Resp: 8705
Ion Ratio Lower Upper
101 100
103 59.3 53.0 79.4

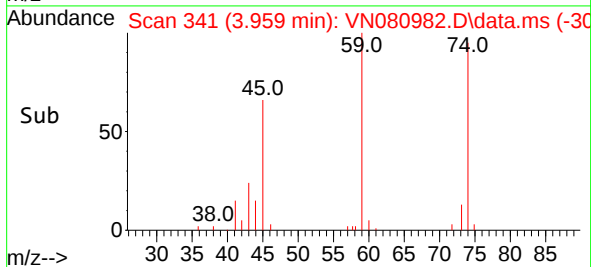
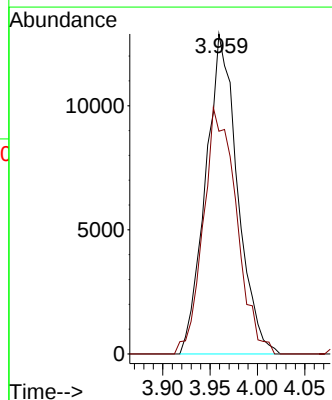
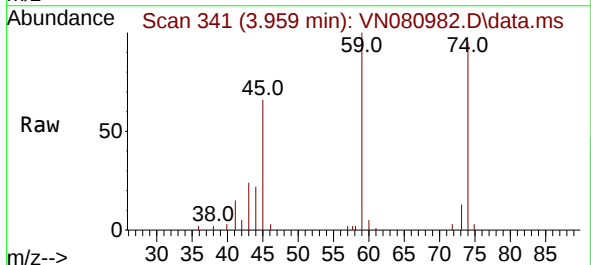
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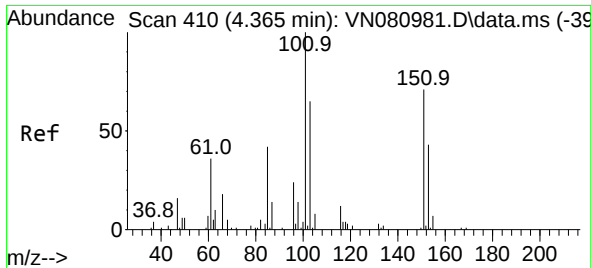
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#8
Diethyl Ether
Concen: 9.258 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 74 Resp: 30145
Ion Ratio Lower Upper
74 100
45 79.6 16.4 147.4





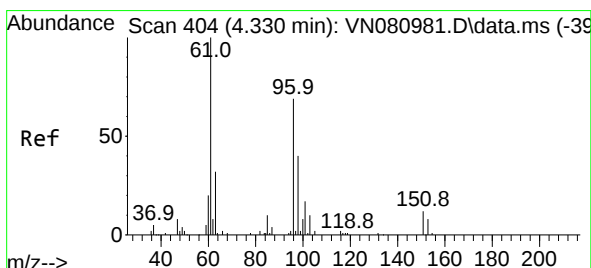
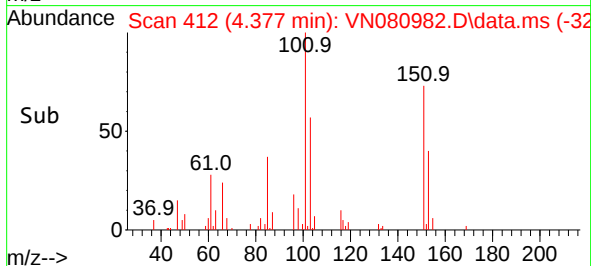
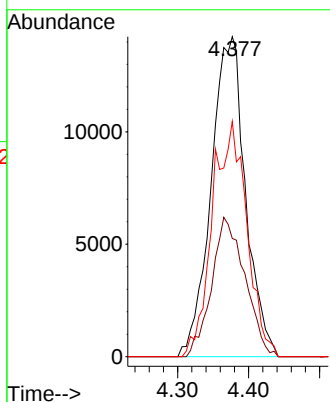
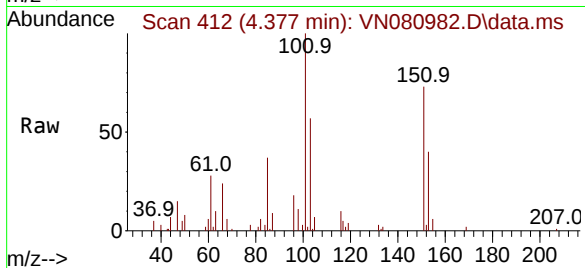
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.540 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 4794
Ion Ratio Lower Upper
101 100
85 42.1 0.0 90.6
151 43.1 0.0 157.6

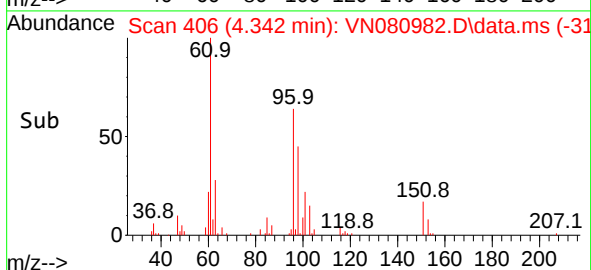
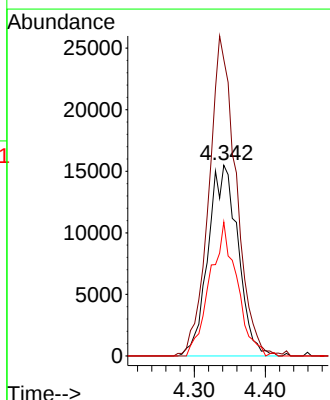
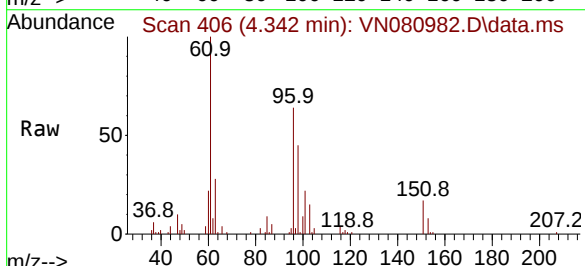
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#10
1,1-Dichloroethene
Concen: 9.195 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

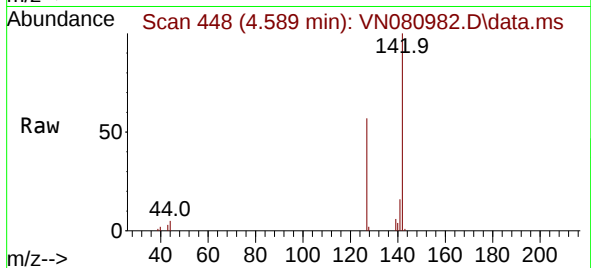
Tgt Ion: 96 Resp: 45312
Ion Ratio Lower Upper
96 100
61 154.2 117.6 176.4
98 70.2 48.4 72.6





#11
Methyl Iodide
Concen: 8.753 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

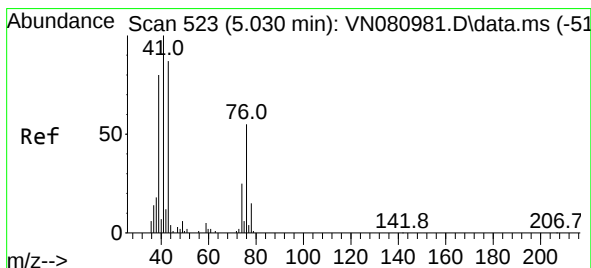
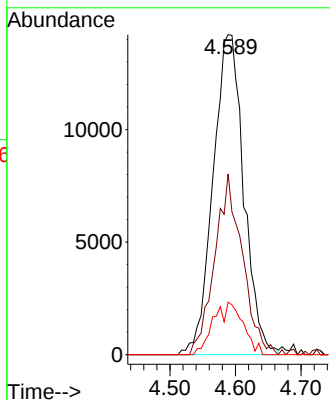
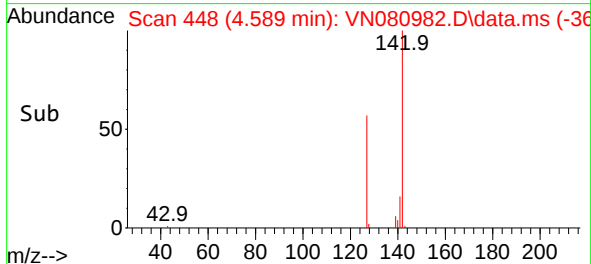
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:142 Resp: 46190
Ion Ratio Lower Upper
142 100
127 56.9 26.3 78.9
141 16.5 8.3 24.9

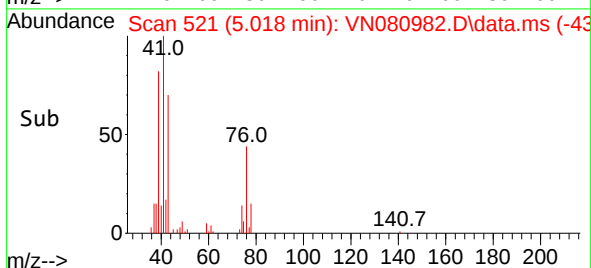
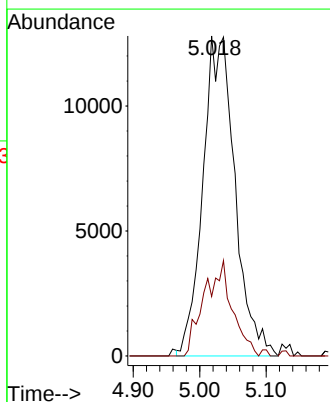
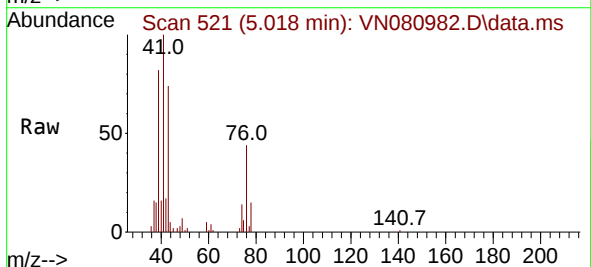
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 9.636 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 43 Resp: 42871
Ion Ratio Lower Upper
43 100
74 18.6 27.7 41.5#





#13

Acrolein

Concen: 52.303 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 50930

Ion Ratio Lower Upper

56 100

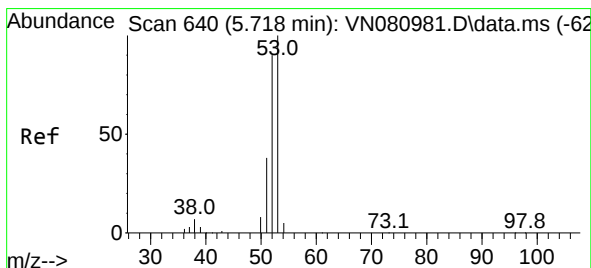
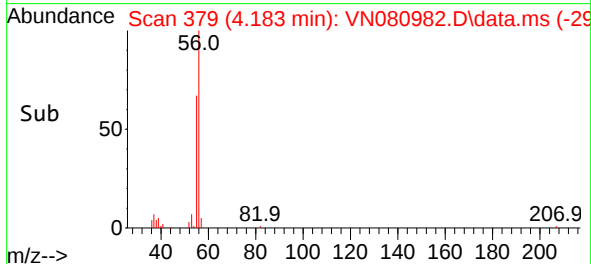
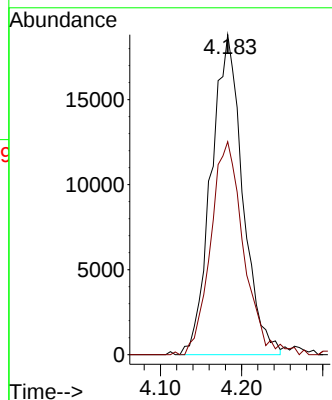
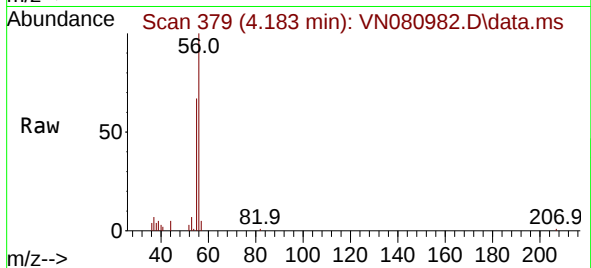
55 68.1 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Acrylonitrile

Concen: 44.418 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

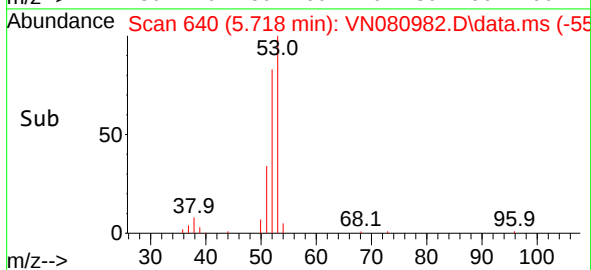
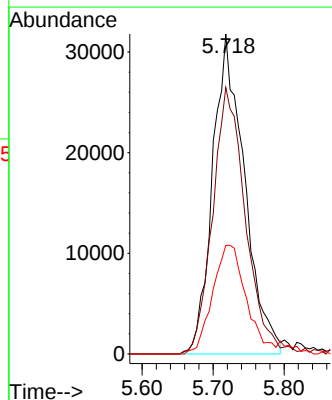
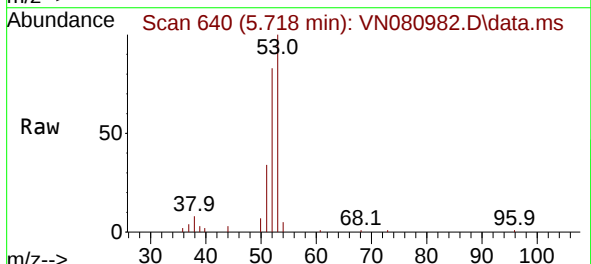
Tgt Ion: 53 Resp: 98599

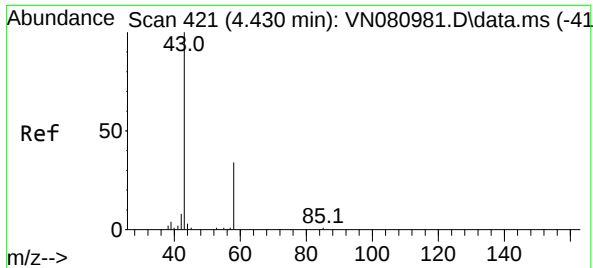
Ion Ratio Lower Upper

53 100

52 85.1 41.3 123.9

51 35.0 16.8 50.3





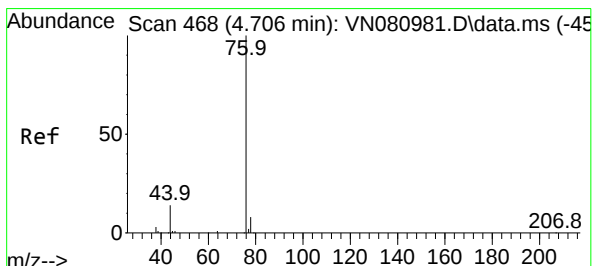
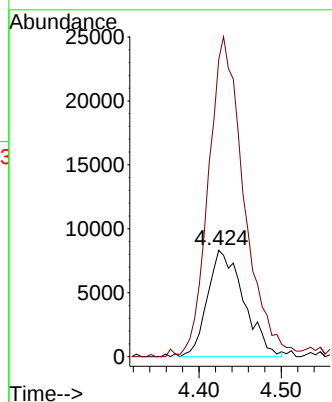
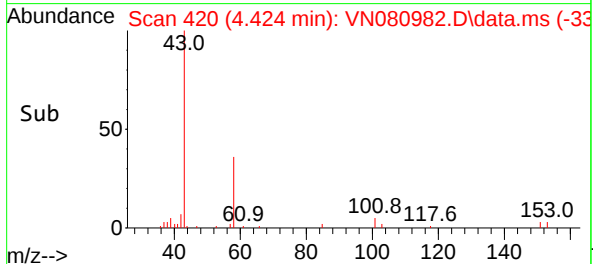
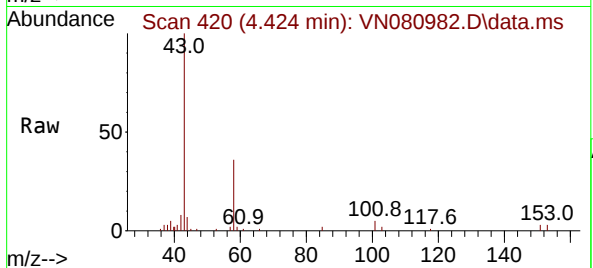
#15
Acetone
Concen: 49.995 ug/l m
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 58 Resp: 25504
Ion Ratio Lower Upper
58 100
43 279.5 223.1 334.7

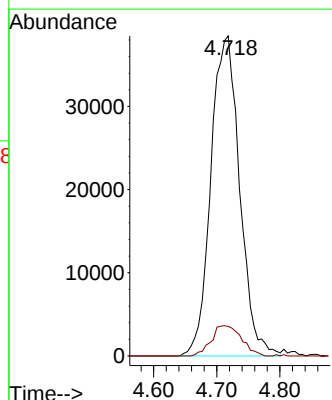
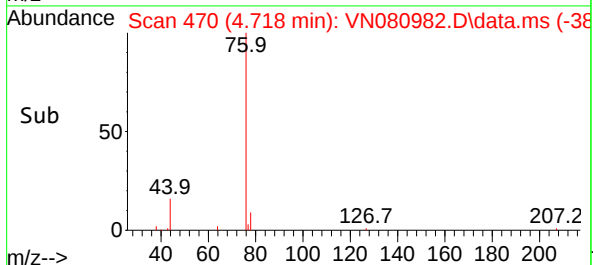
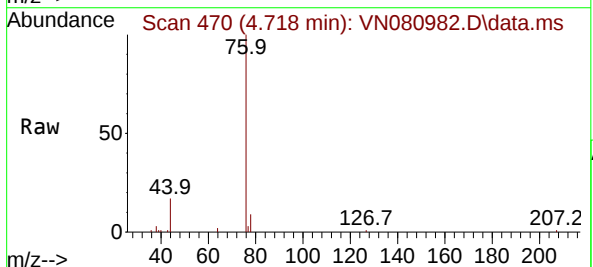
Manual Integrations
APPROVED

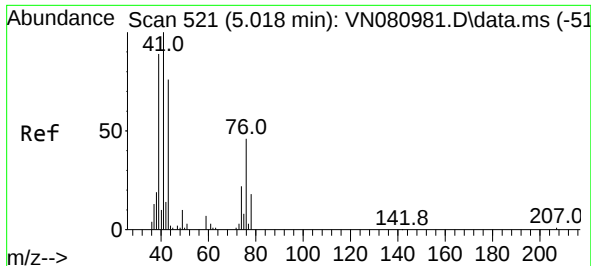
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#16
Carbon Disulfide
Concen: 9.025 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

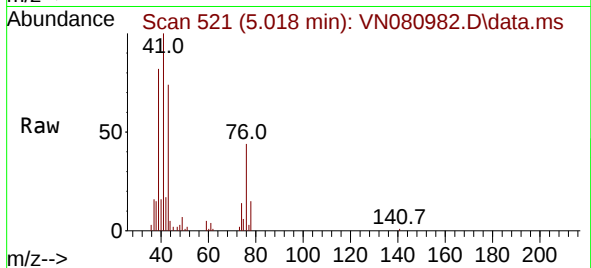
Tgt Ion: 76 Resp: 122062
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5





#17
 Allyl chloride
 Concen: 9.303 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080982.D
 Acq: 09 Feb 2024 11:11

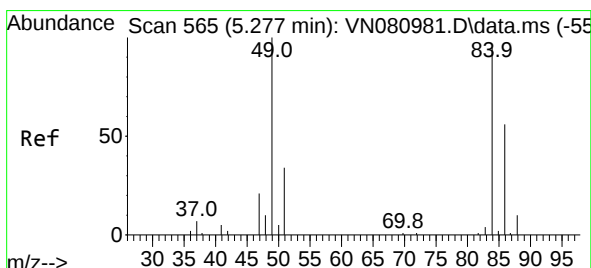
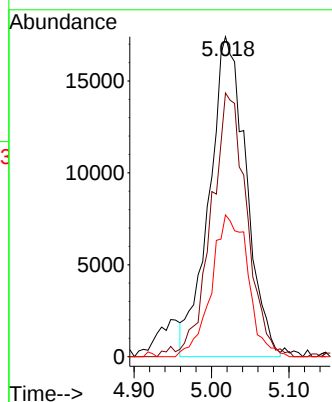
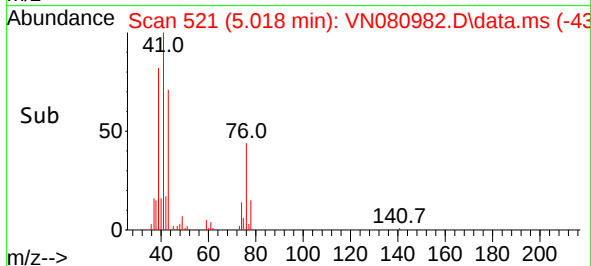
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:	41	Resp:	57579
Ion	Ratio	Lower	Upper
41	100		
39	81.2	37.6	112.9
76	43.7	27.8	83.4

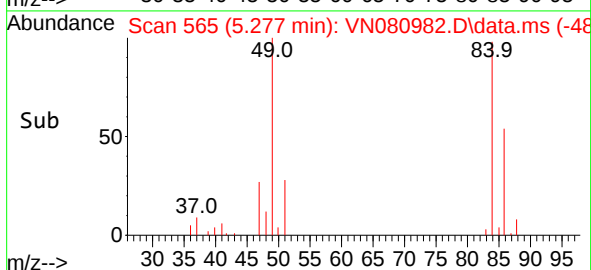
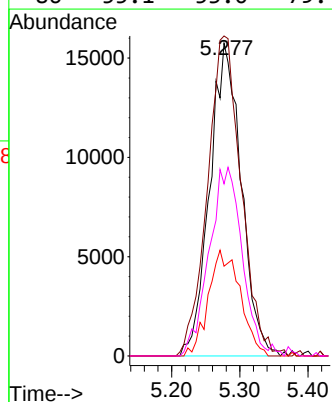
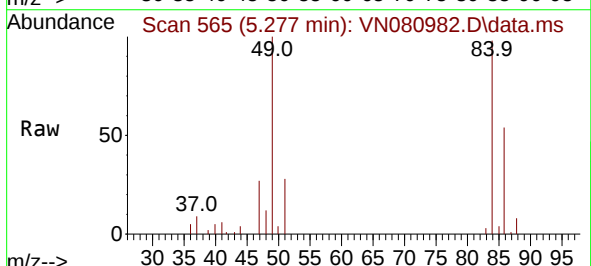
Manual Integrations
 APPROVED

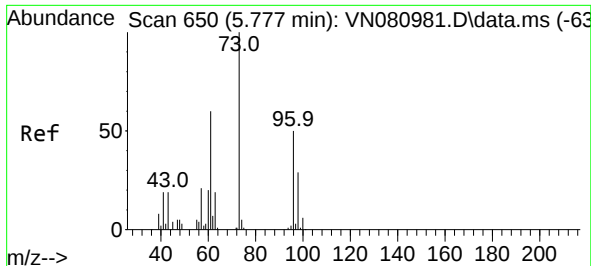
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 8.991 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN080982.D
 Acq: 09 Feb 2024 11:11

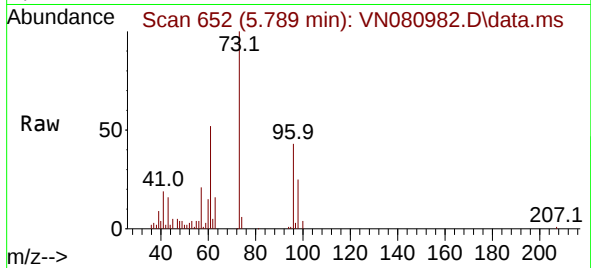
Tgt Ion:	84	Resp:	50672
Ion	Ratio	Lower	Upper
84	100		
49	101.1	86.0	129.0
51	28.7	30.0	45.0#
86	55.1	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 8.935 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

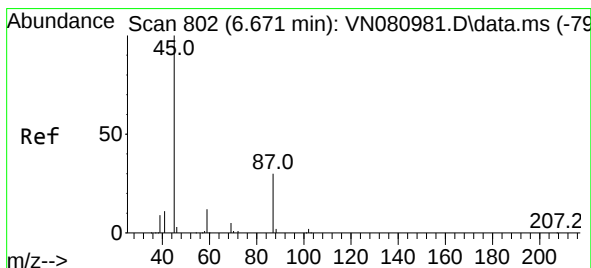
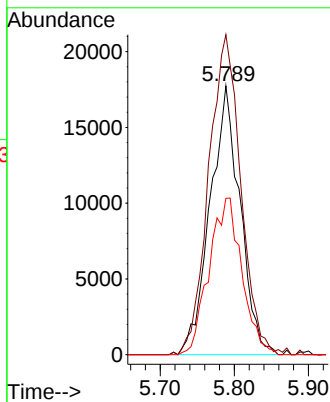
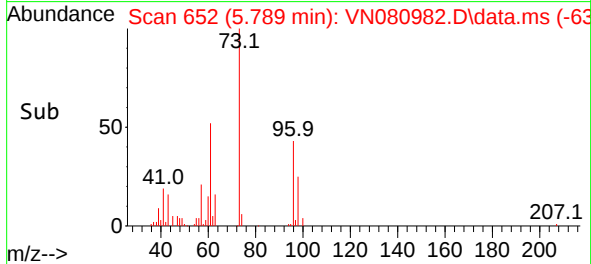
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 4998
Ion Ratio Lower Upper
96 100
61 119.0 111.8 167.6
98 58.1 49.2 73.8

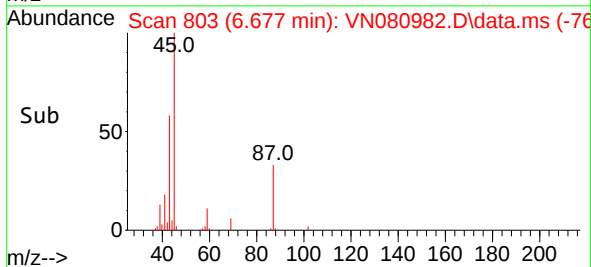
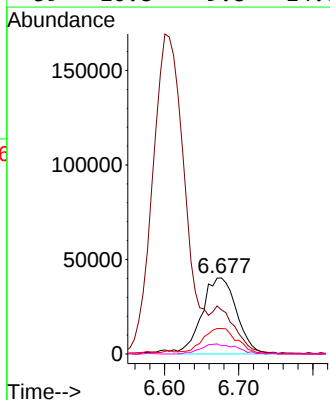
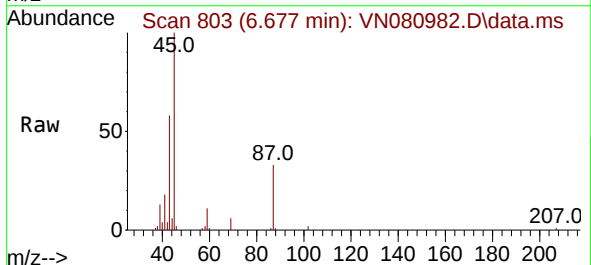
Manual Integrations
APPROVED

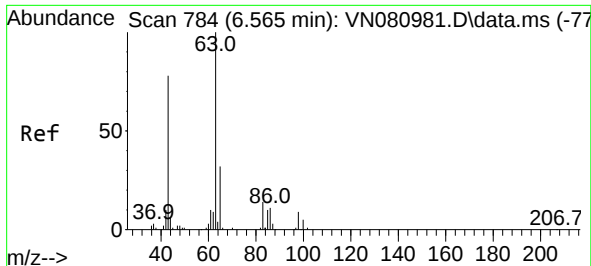
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 8.735 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 45 Resp: 129931
Ion Ratio Lower Upper
45 100
43 57.2 40.4 60.6
87 33.6 23.8 35.8
59 10.8 9.8 14.6





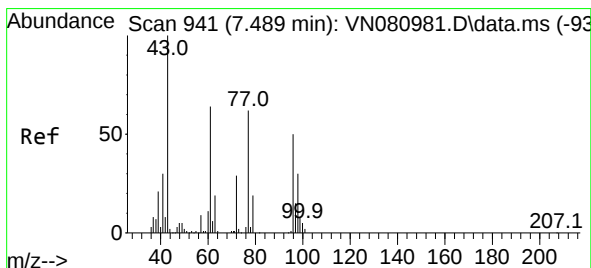
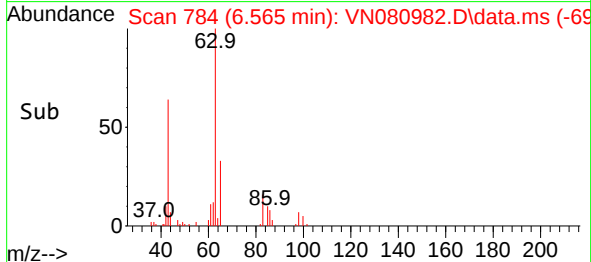
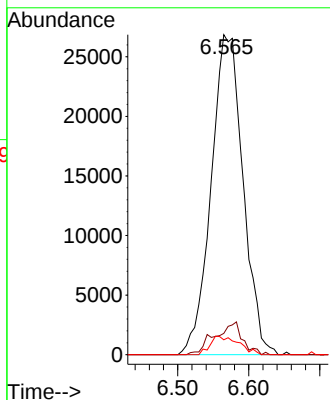
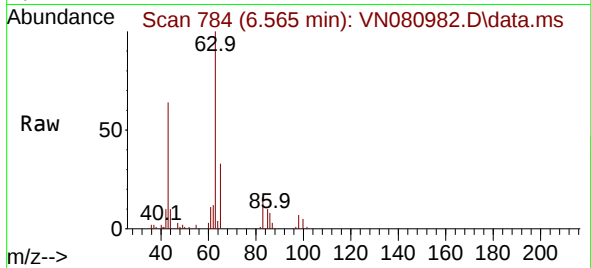
#21
1,1-Dichloroethane
Concen: 8.787 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 83772
Ion Ratio Lower Upper
63 100
98 6.6 4.1 12.3
100 4.7 3.0 9.0

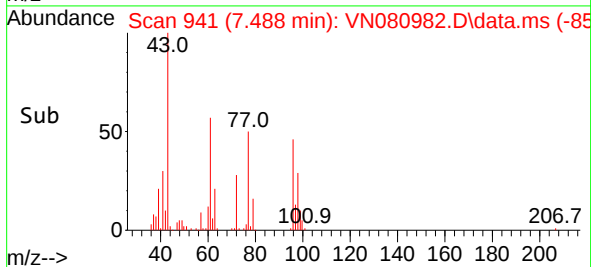
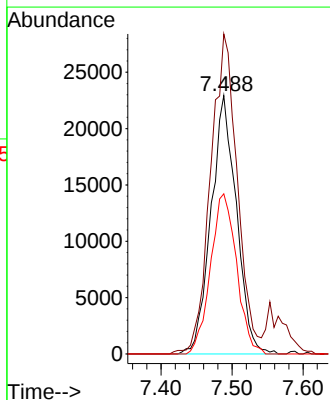
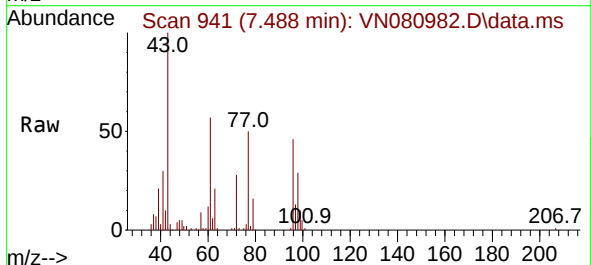
Manual Integrations
APPROVED

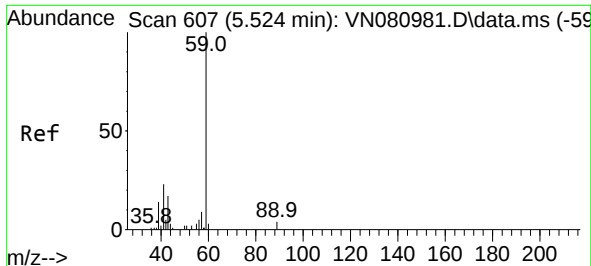
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 8.754 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 96 Resp: 56903
Ion Ratio Lower Upper
96 100
61 130.0 113.5 170.3
98 63.6 52.0 78.0





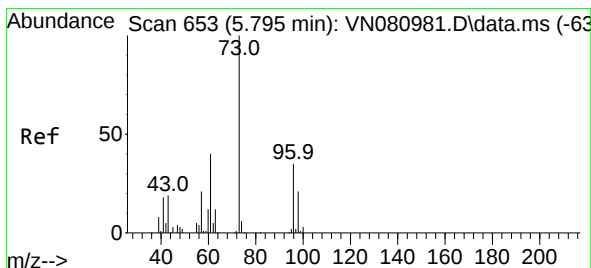
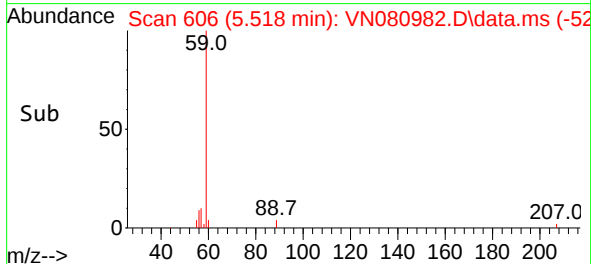
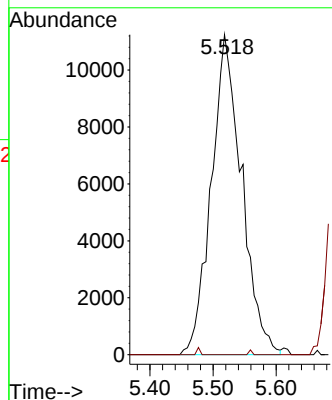
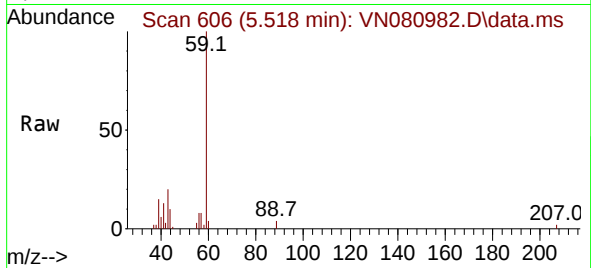
#23
tert-Butyl Alcohol
Concen: 46.455 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 3752
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

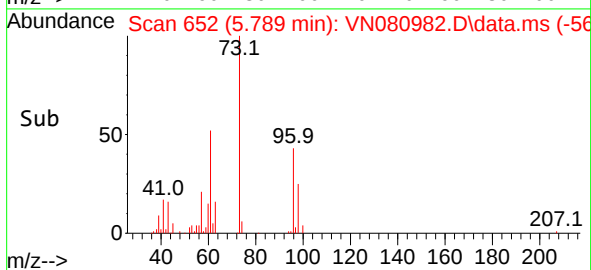
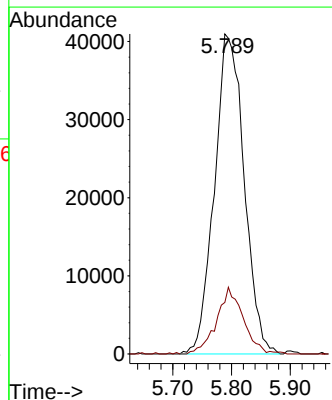
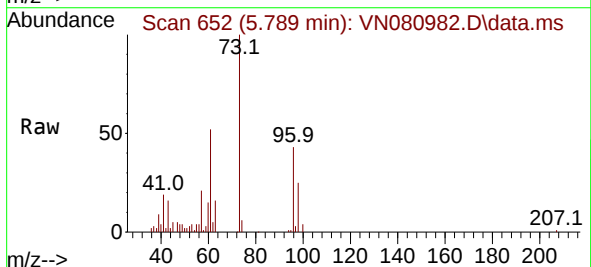
Manual Integrations
APPROVED

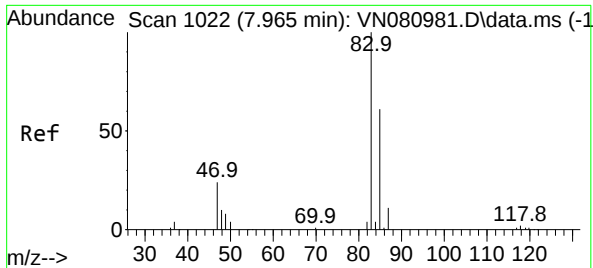
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 8.794 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 73 Resp: 143675
Ion Ratio Lower Upper
73 100
43 18.5 13.4 20.2





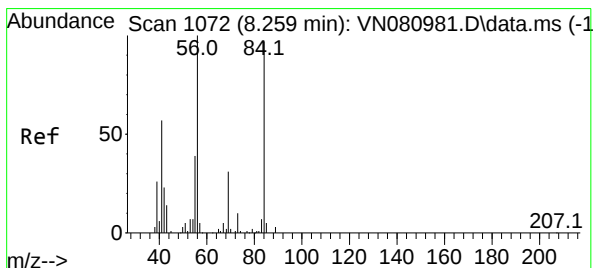
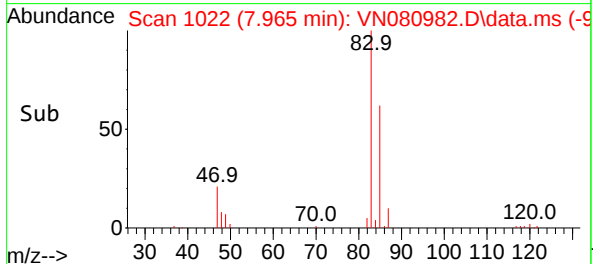
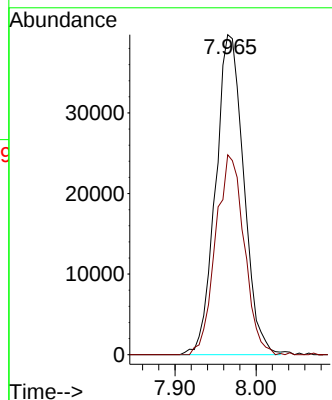
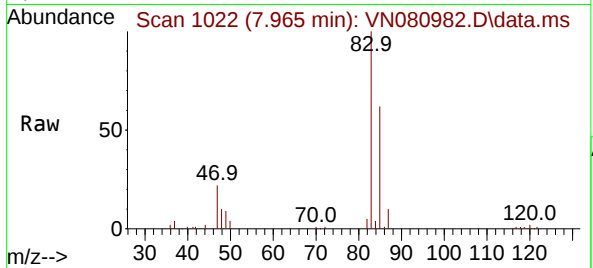
#25
Chloroform
Concen: 9.040 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 95609
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3

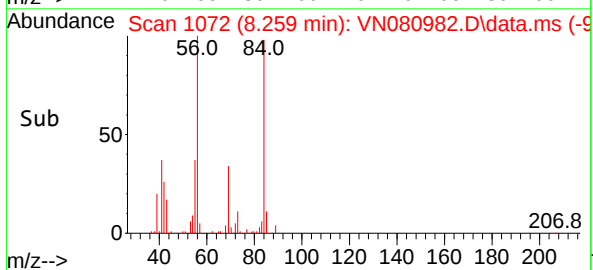
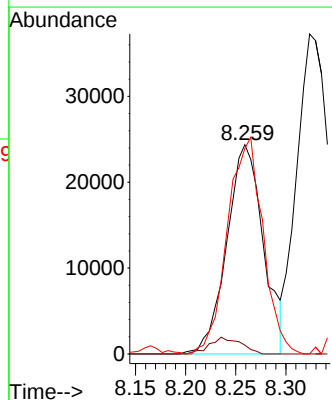
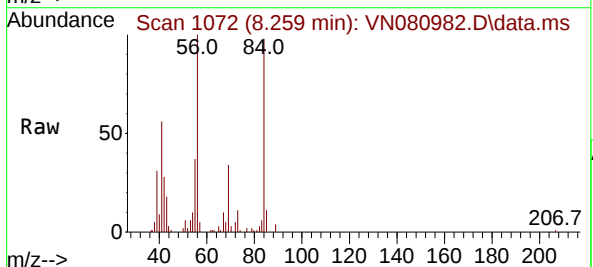
Manual Integrations
APPROVED

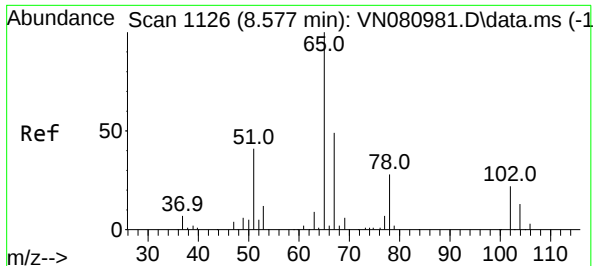
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
Cyclohexane
Concen: 8.596 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 56 Resp: 61703
Ion Ratio Lower Upper
56 100
89 6.8 19.3 28.9#
84 100.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.206 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

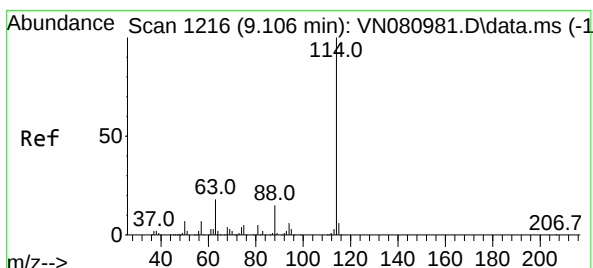
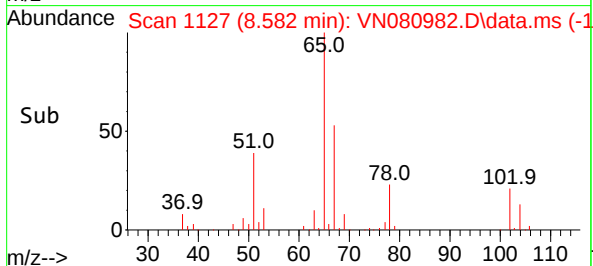
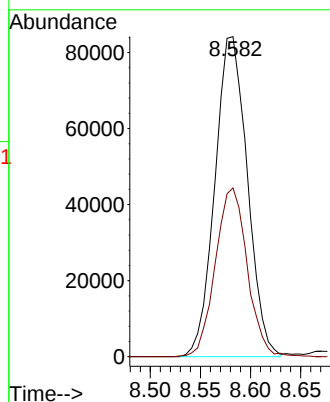
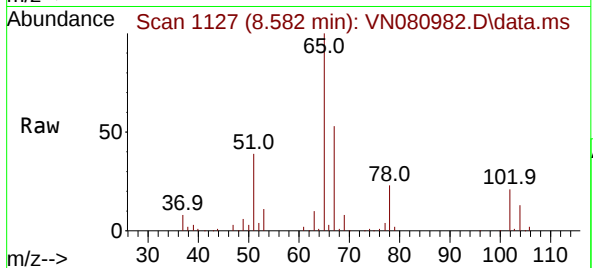
VSTDIC010

Tgt Ion: 65 Resp: 189514
Ion Ratio Lower Upper
65 100
67 51.7 43.2 64.8

Manual Integrations

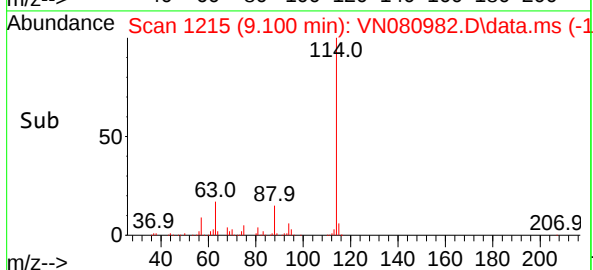
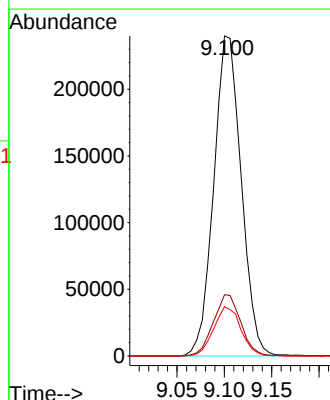
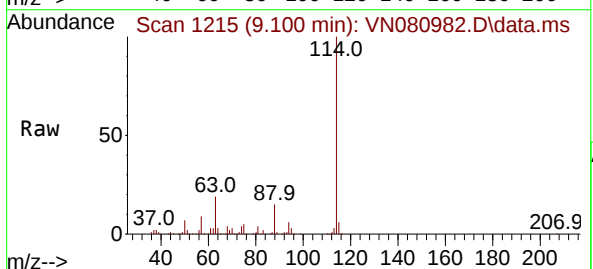
APPROVED

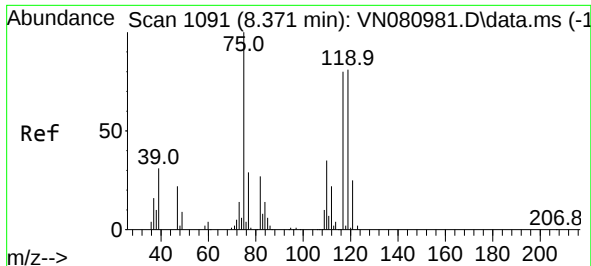
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

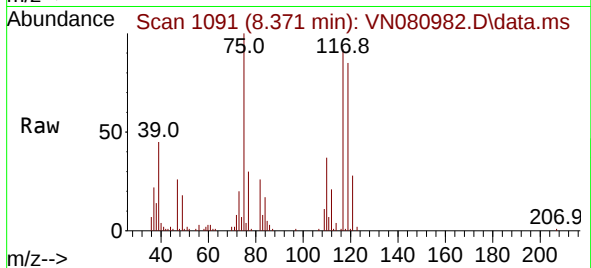
Tgt Ion:114 Resp: 484059
Ion Ratio Lower Upper
114 100
63 19.1 15.9 23.9
88 15.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 9.202 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

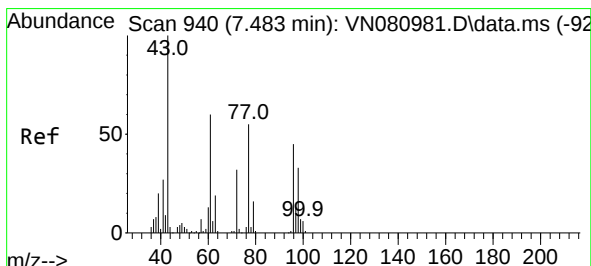
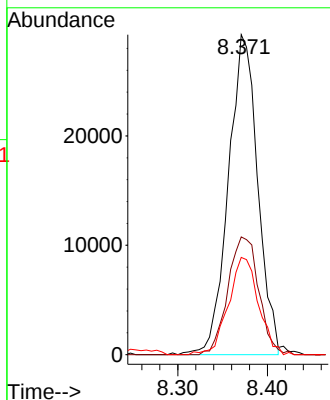
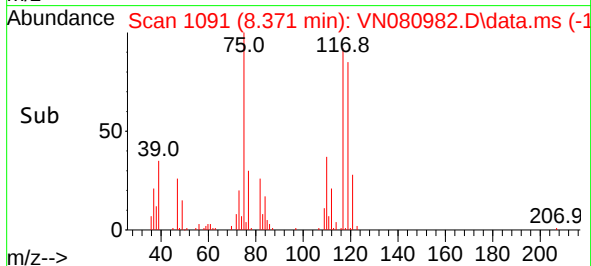
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 66352
Ion Ratio Lower Upper
75 100
110 38.6 0.0 70.2
77 30.9 0.0 61.4

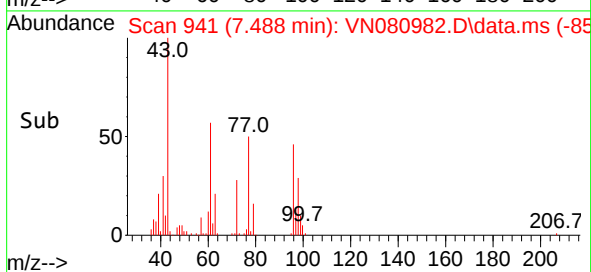
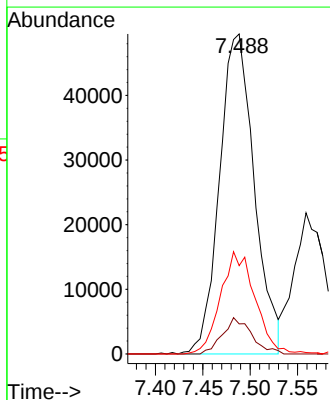
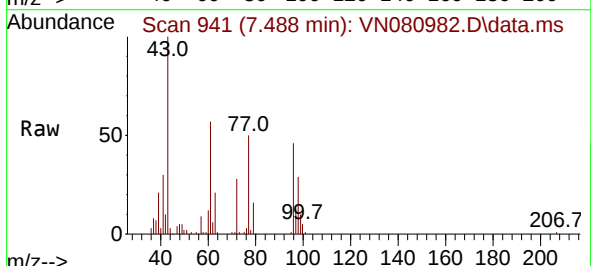
Manual Integrations
APPROVED

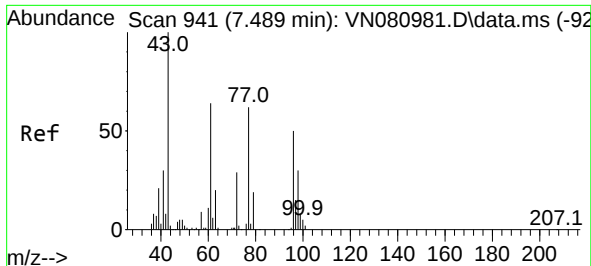
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 47.884 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 43 Resp: 126676
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 31.5 24.0 36.0





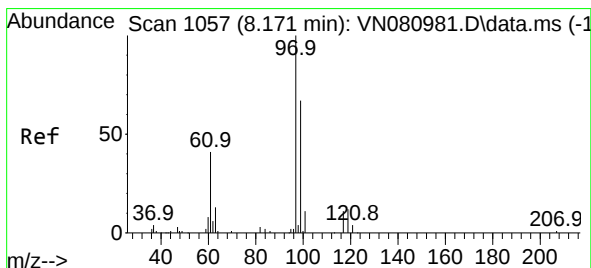
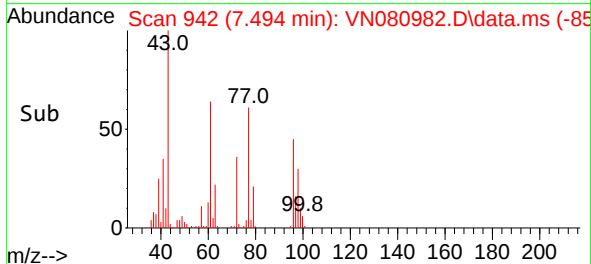
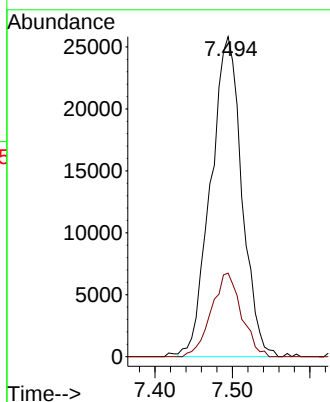
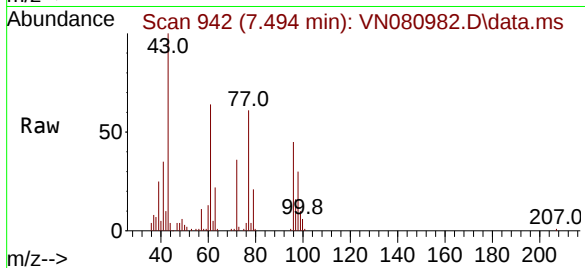
#31
2,2-Dichloropropane
Concen: 8.813 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 77 Resp: 72340
Ion Ratio Lower Upper
77 100
97 25.2 18.3 27.5

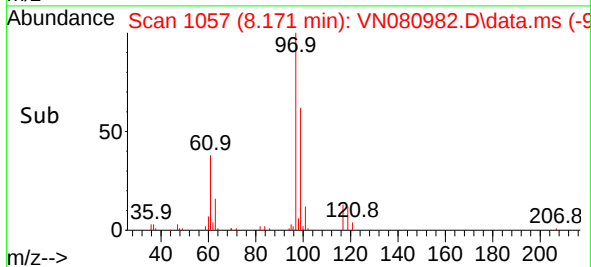
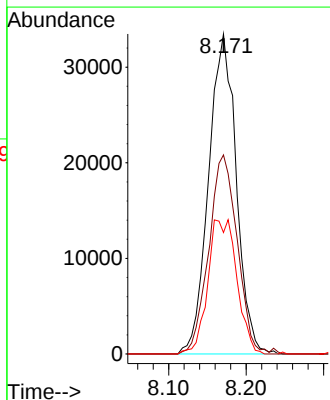
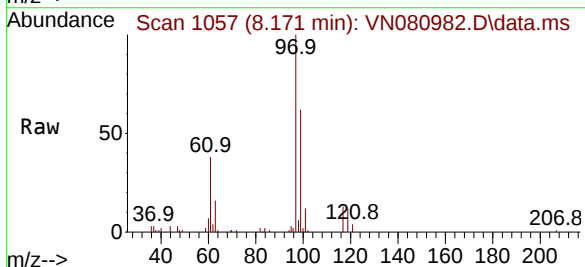
Manual Integrations
APPROVED

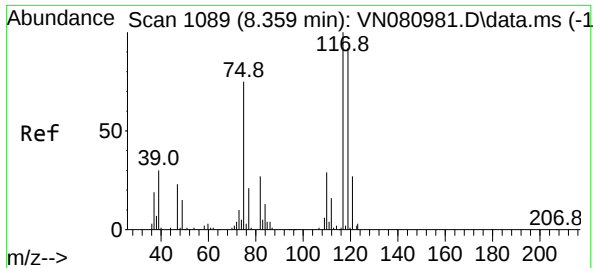
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 9.154 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

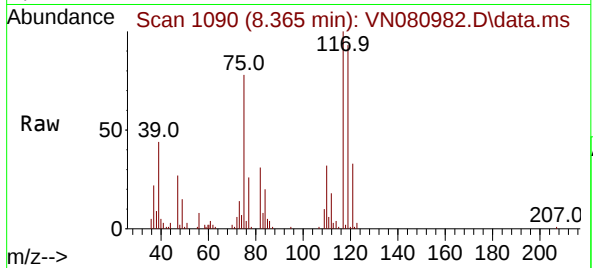
Tgt Ion: 97 Resp: 83035
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 25.9 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 9.139 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

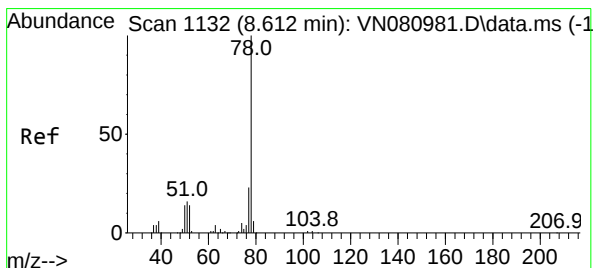
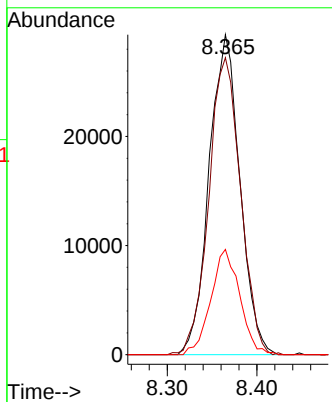
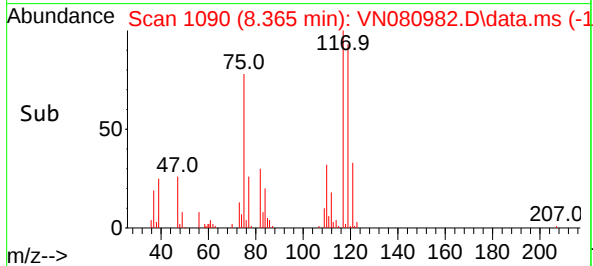
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 69840
Ion Ratio Lower Upper
117 100
119 92.2 77.7 116.5
121 32.9 27.0 40.6

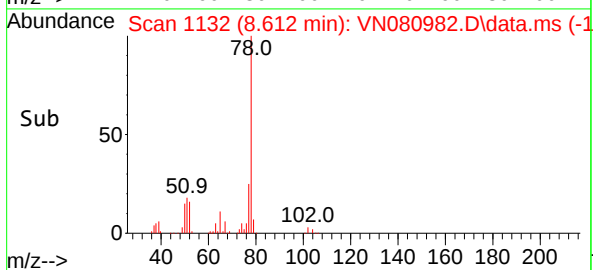
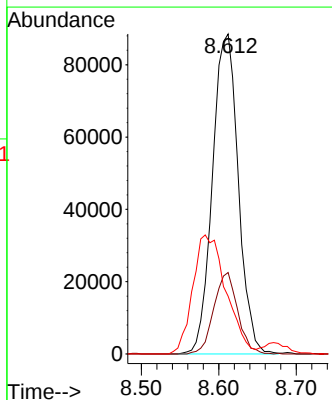
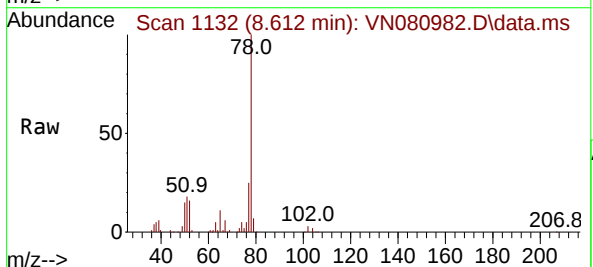
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 9.320 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

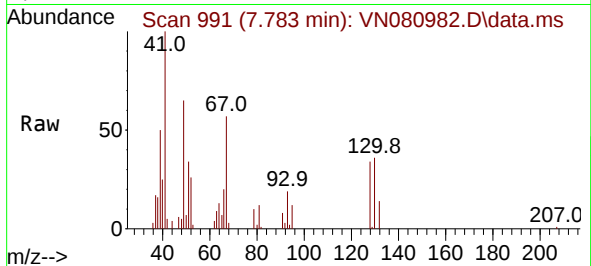
Tgt Ion: 78 Resp: 205368
Ion Ratio Lower Upper
78 100
77 25.4 19.2 28.8
51 16.2 13.3 19.9





#35
Methacrylonitrile
Concen: 9.233 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

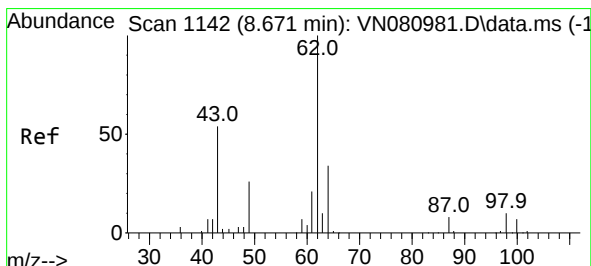
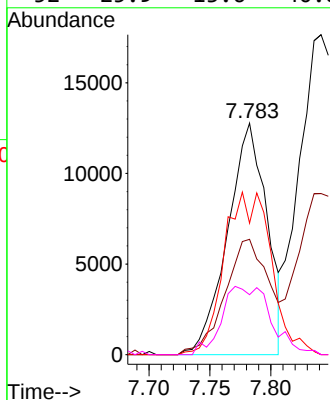
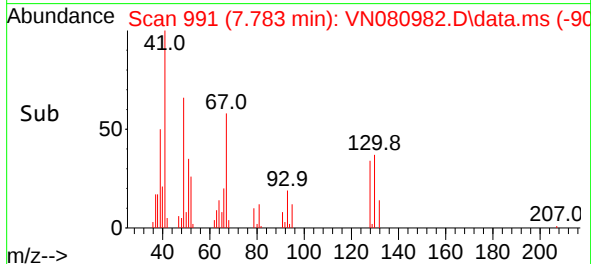
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 28710
Ion Ratio Lower Upper
41 100
39 49.8 25.3 75.9
67 56.8 38.7 116.1
52 25.9 13.6 40.8

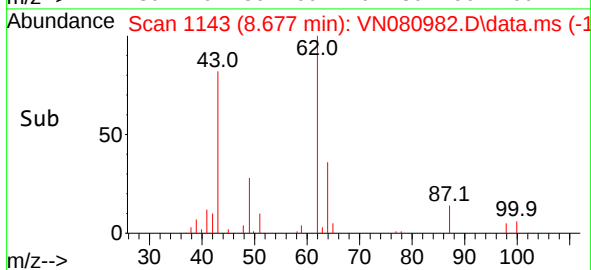
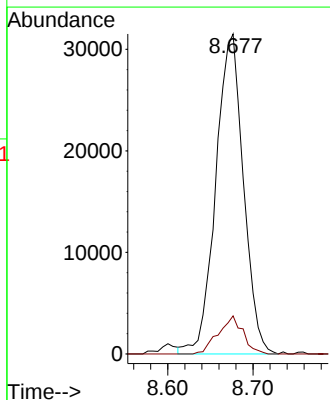
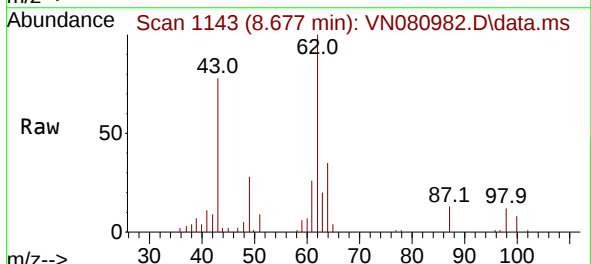
Manual Integrations
APPROVED

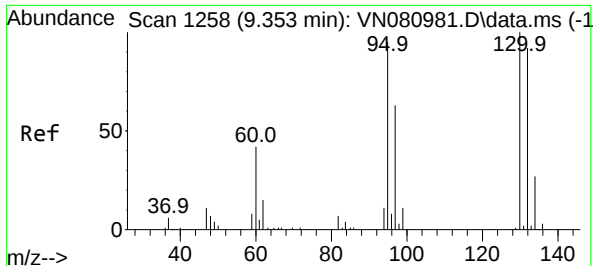
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 9.604 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 62 Resp: 71018
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4





#37

Trichloroethene

Concen: 9.279 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:130 Resp: 54359

Ion Ratio Lower Upper

130 100

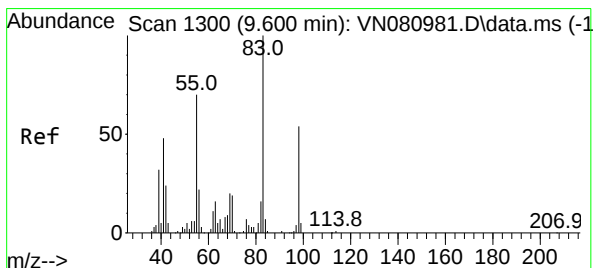
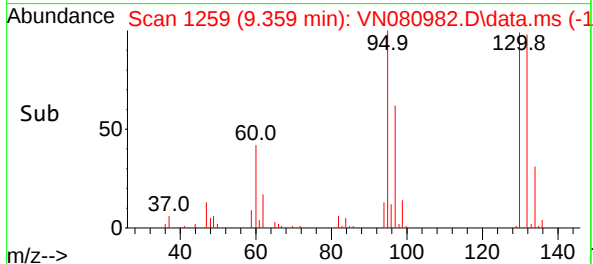
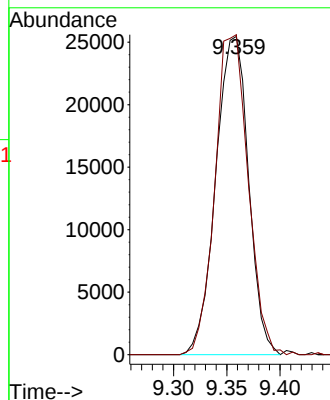
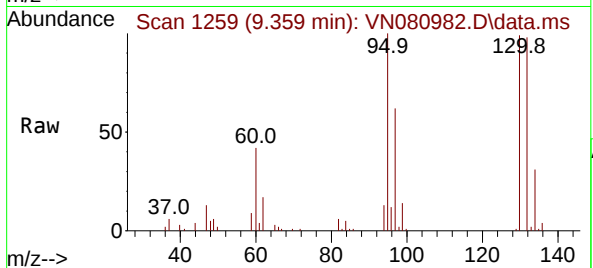
95 100.6 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 9.072 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

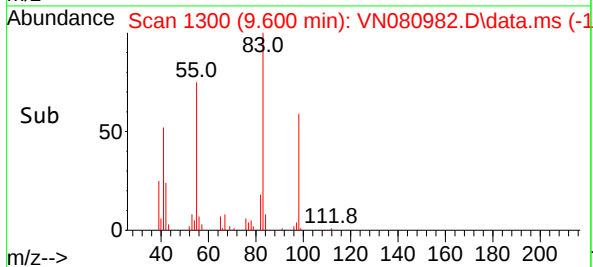
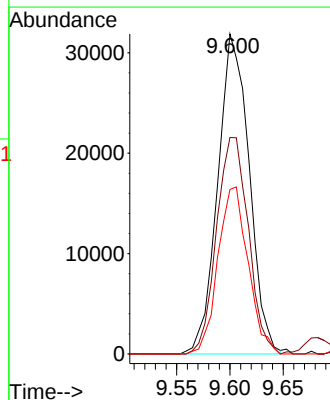
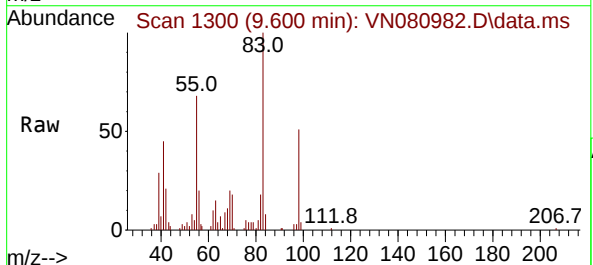
Tgt Ion: 83 Resp: 65279

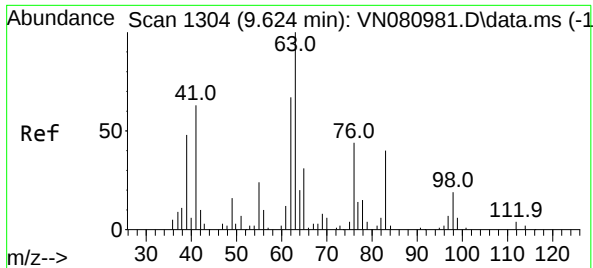
Ion Ratio Lower Upper

83 100

55 68.5 36.6 109.9

98 50.2 23.8 71.5





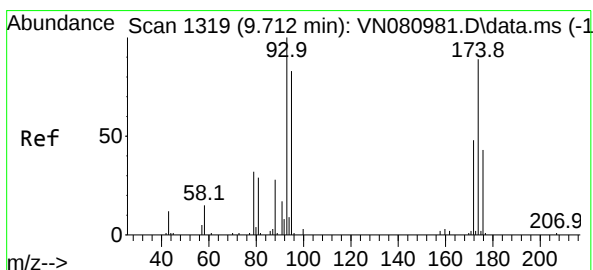
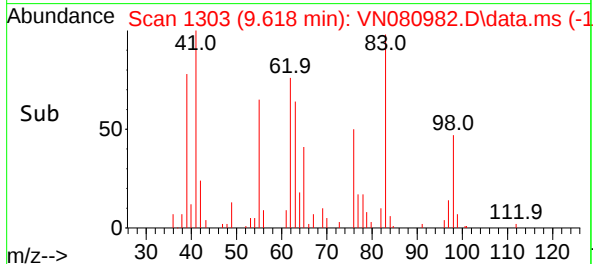
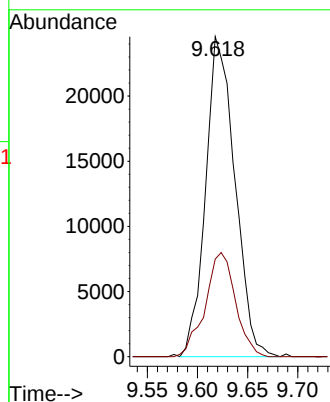
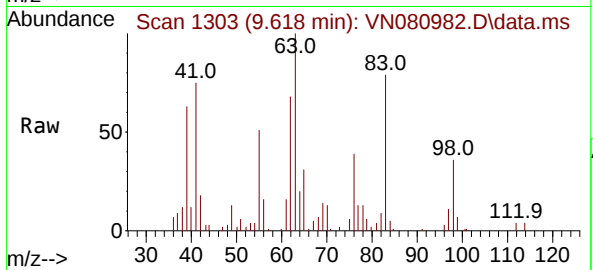
#39
1,2-Dichloropropane
Concen: 9.541 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 4986
Ion Ratio Lower Upper
63 100
65 30.5 25.0 37.4

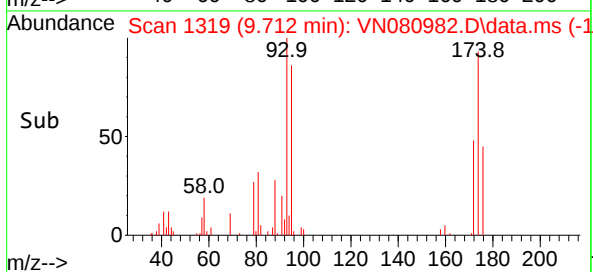
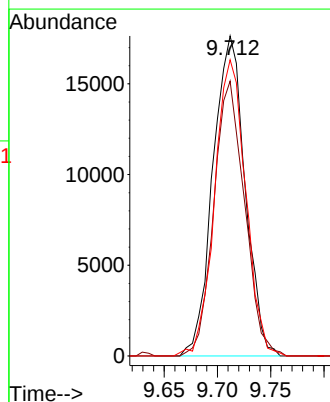
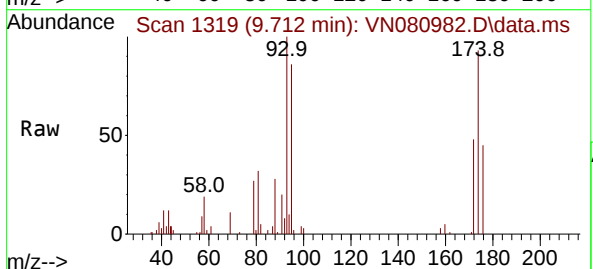
Manual Integrations
APPROVED

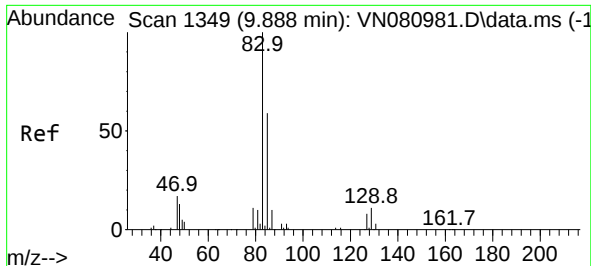
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#40
Dibromomethane
Concen: 9.297 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 93 Resp: 36969
Ion Ratio Lower Upper
93 100
95 82.1 0.0 164.6
174 88.6 0.0 193.2





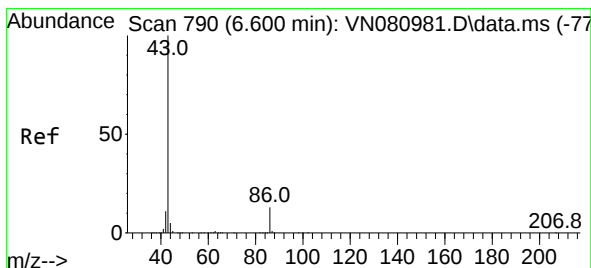
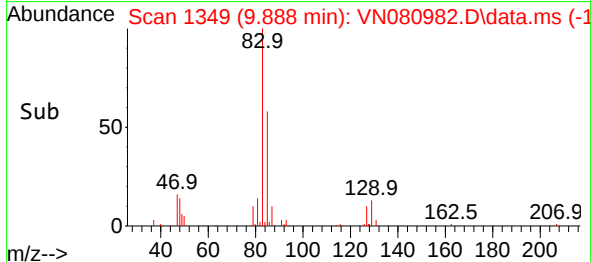
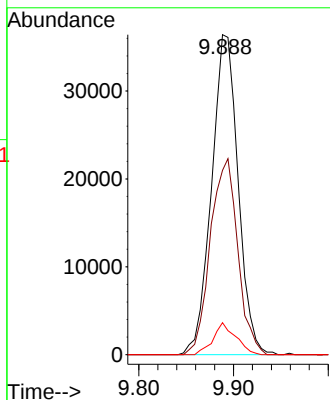
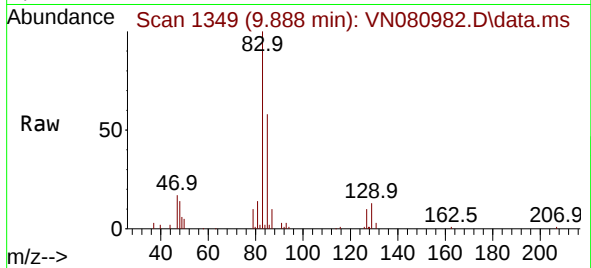
#41
Bromodichloromethane
Concen: 9.136 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 71099
Ion Ratio Lower Upper
83 100
85 57.6 49.4 74.2
127 10.9 7.3 10.9

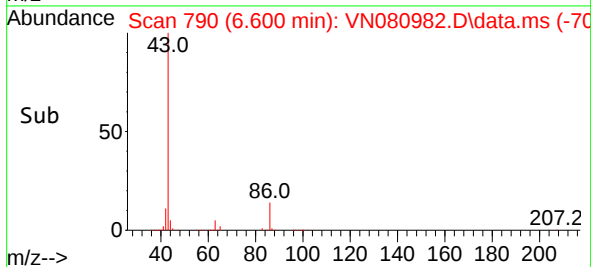
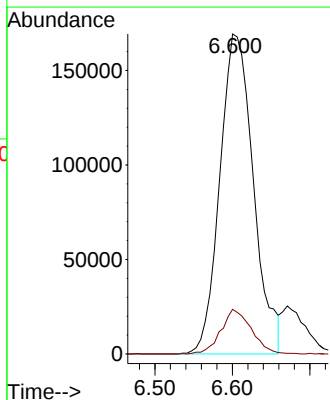
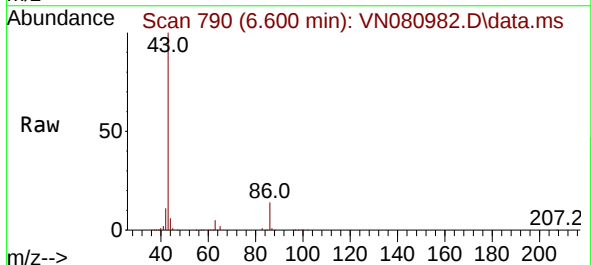
Manual Integrations
APPROVED

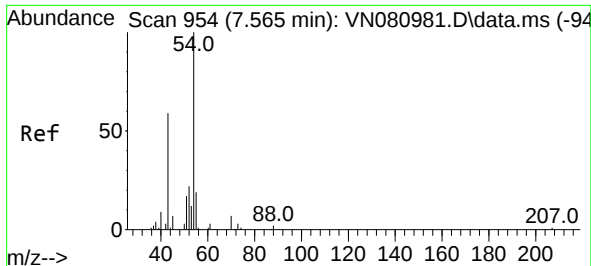
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 44.928 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 43 Resp: 510680
Ion Ratio Lower Upper
43 100
86 12.6 9.4 14.2





#43

Ethyl Acetate

Concen: 8.691 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 4896

Ion Ratio Lower Upper

43 100

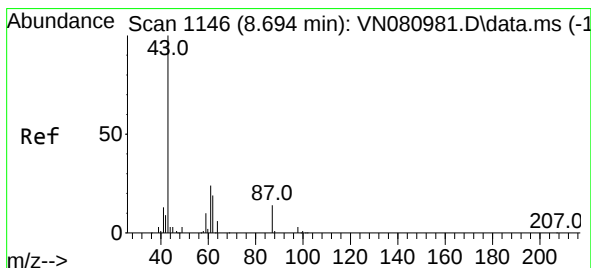
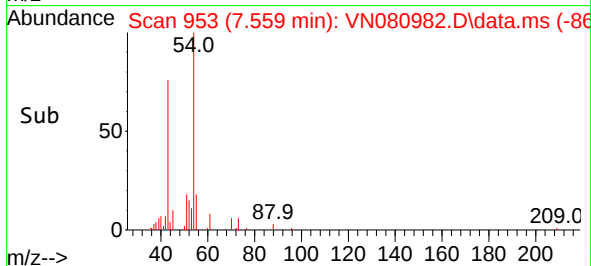
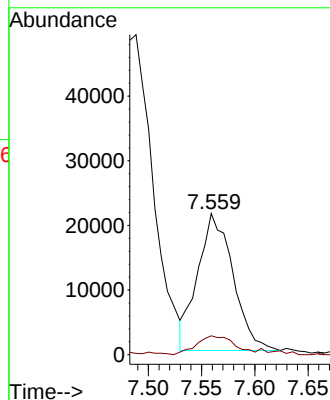
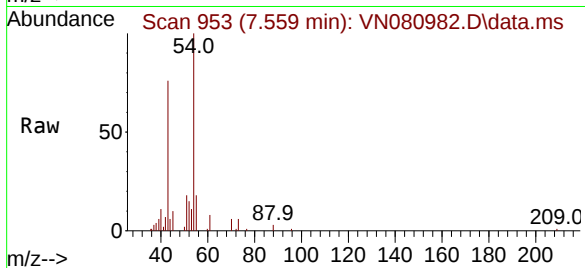
45 14.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#44

Isopropyl Acetate

Concen: 9.251 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN080982.D

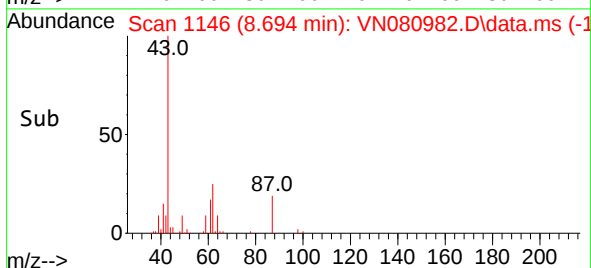
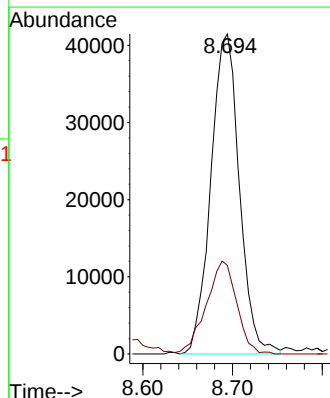
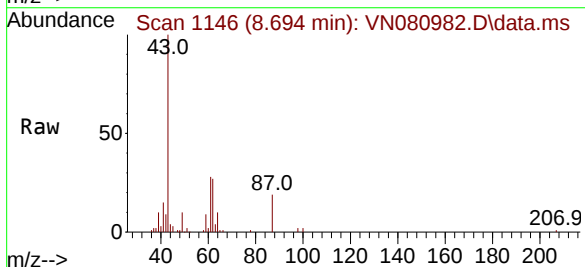
Acq: 09 Feb 2024 11:11

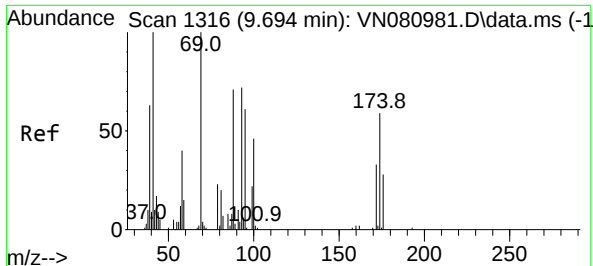
Tgt Ion: 43 Resp: 91591

Ion Ratio Lower Upper

43 100

61 30.1 25.0 37.4





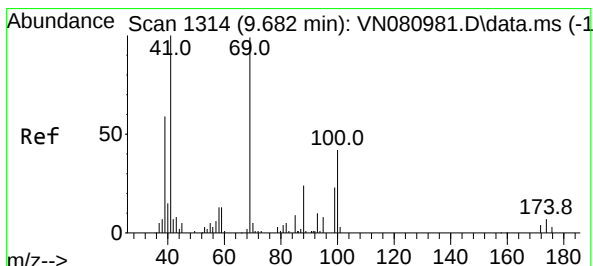
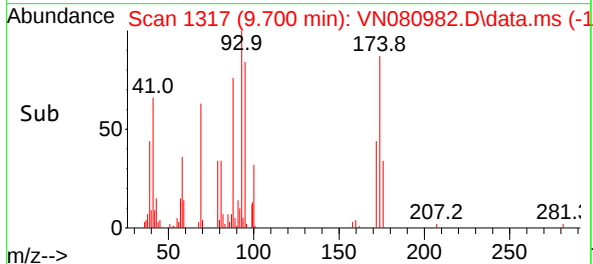
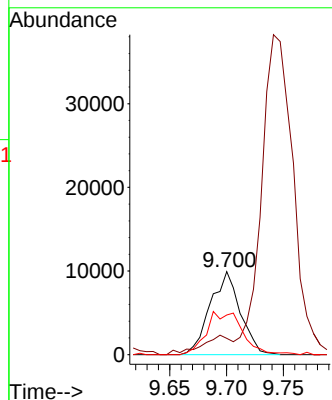
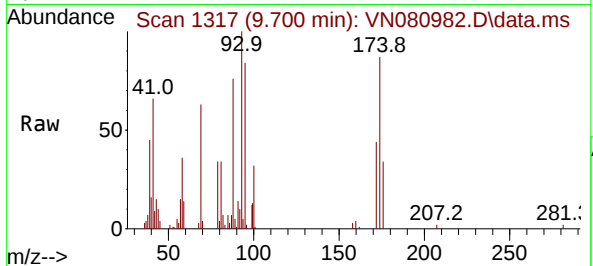
#45
1,4-Dioxane
Concen: 196.481 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 18344
Ion Ratio Lower Upper
88 100
43 23.3 19.8 29.6
58 33.4 55.4 83.0

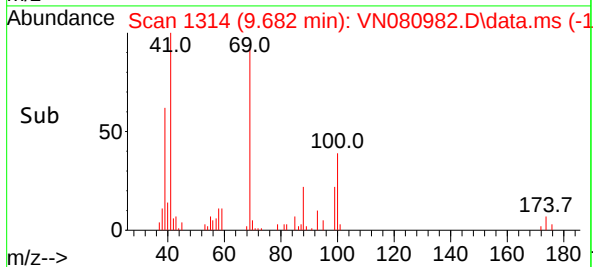
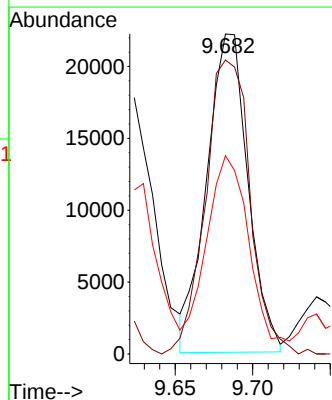
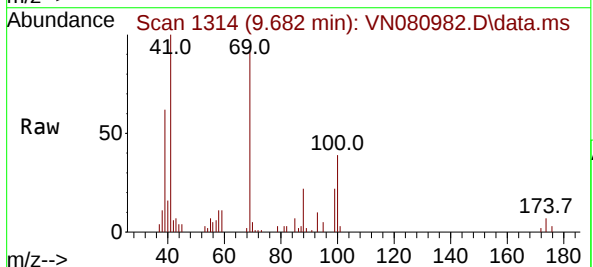
Manual Integrations
APPROVED

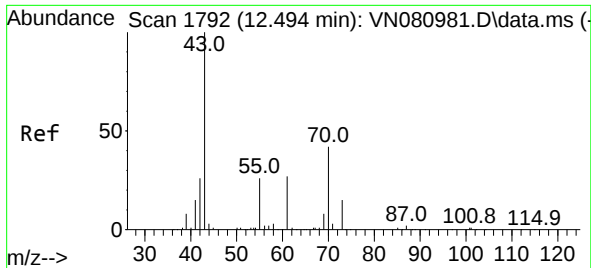
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#46
Methyl methacrylate
Concen: 9.054 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 41 Resp: 41014
Ion Ratio Lower Upper
41 100
69 89.9 51.1 153.3
39 58.5 25.8 77.3





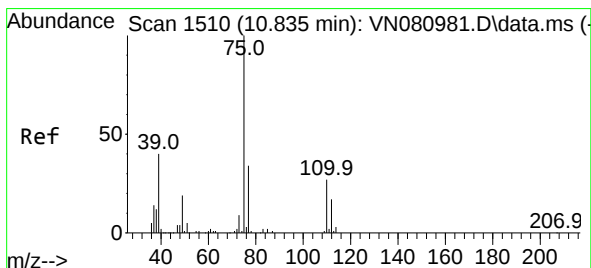
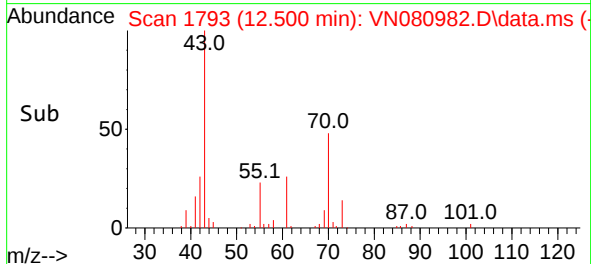
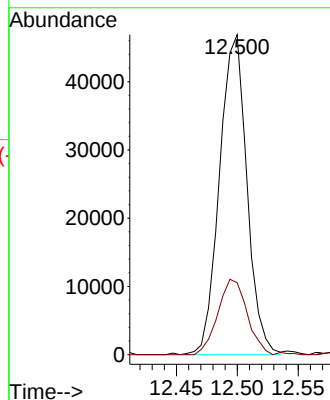
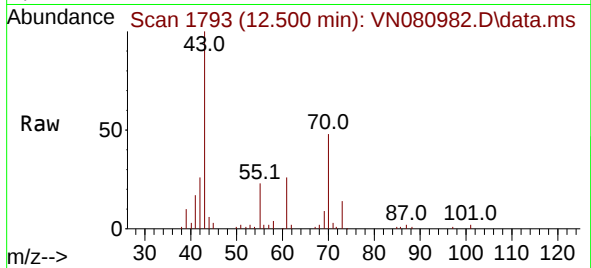
#47
n-amy1 Acetate
Concen: 8.499 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
55 25.1 23.4 35.2

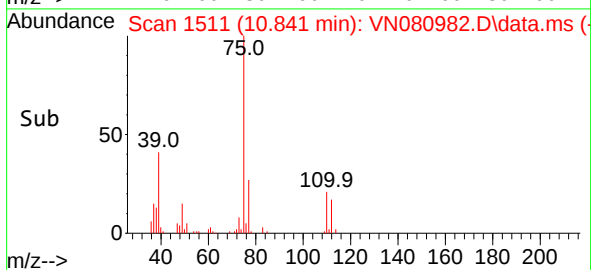
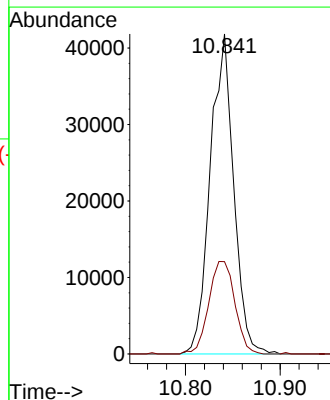
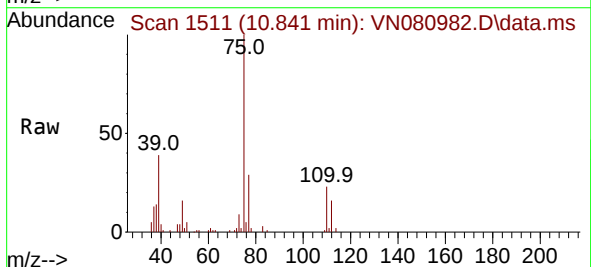
Manual Integrations
APPROVED

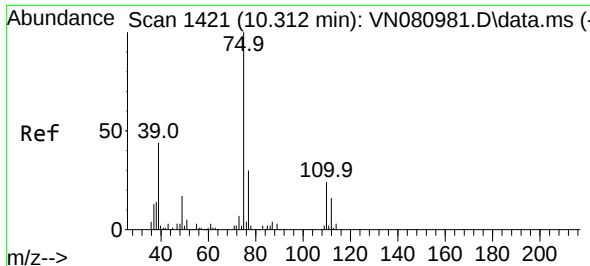
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 8.803 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

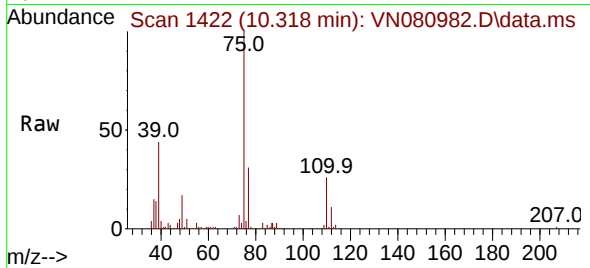
Tgt Ion: 75 Resp: 71793
Ion Ratio Lower Upper
75 100
77 28.8 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 8.707 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

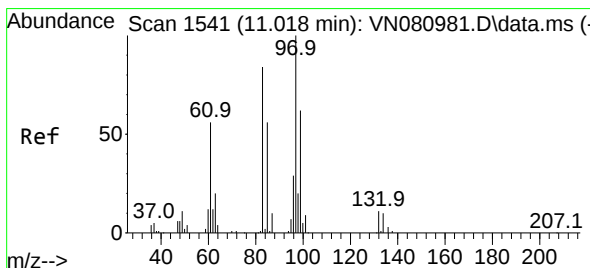
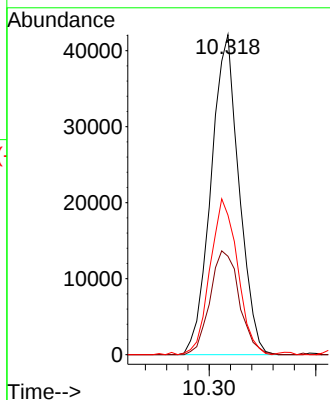
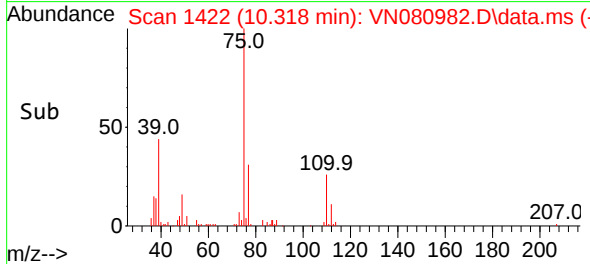
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 76949
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 43.6 31.0 46.6

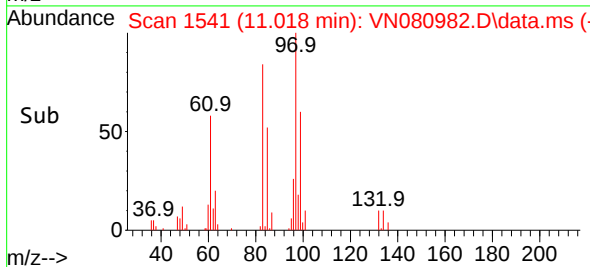
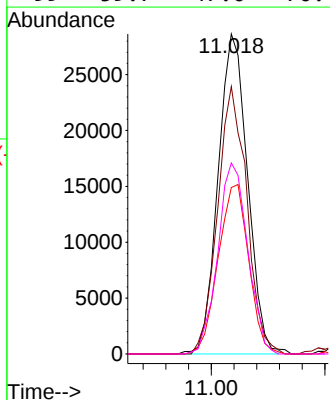
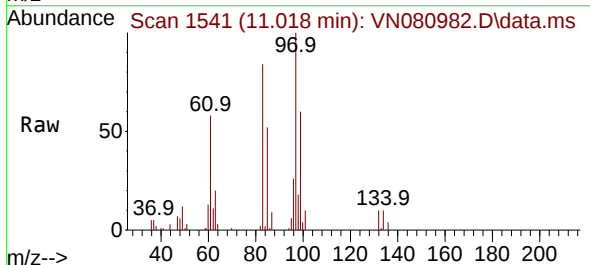
Manual Integrations
APPROVED

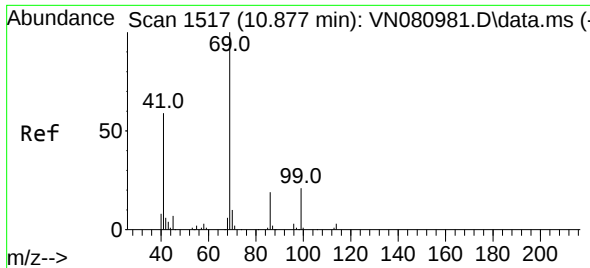
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 9.356 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 97 Resp: 51474
Ion Ratio Lower Upper
97 100
83 83.5 68.1 102.1
85 52.0 41.8 62.6
99 59.7 47.0 70.4





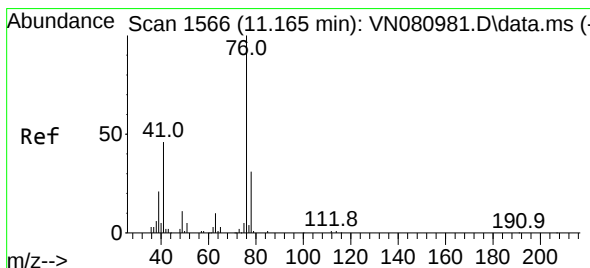
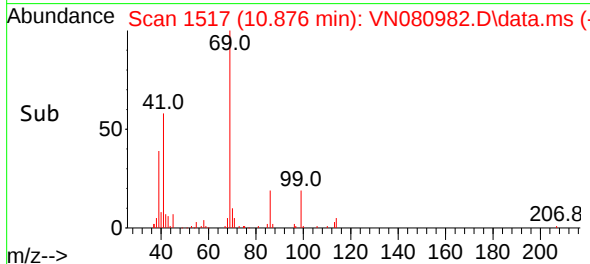
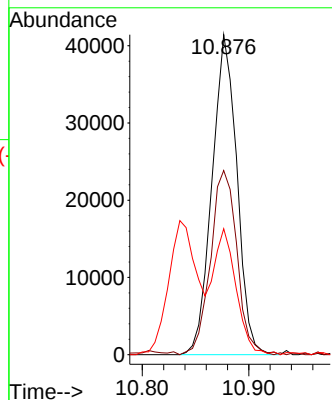
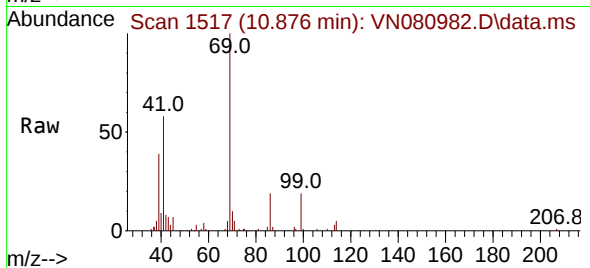
#51
Ethyl methacrylate
Concen: 8.742 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 69 Resp: 67224
Ion Ratio Lower Upper
69 100
41 57.5 25.5 76.5
39 39.3 16.0 47.9

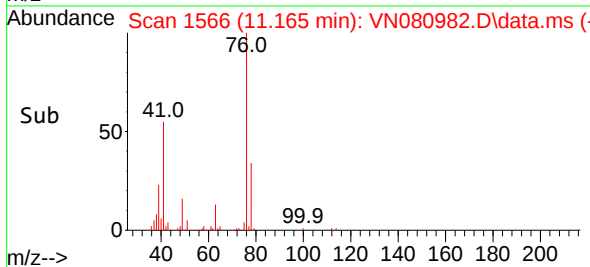
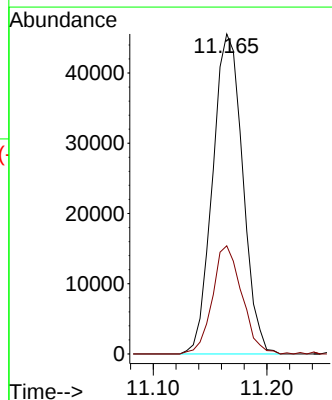
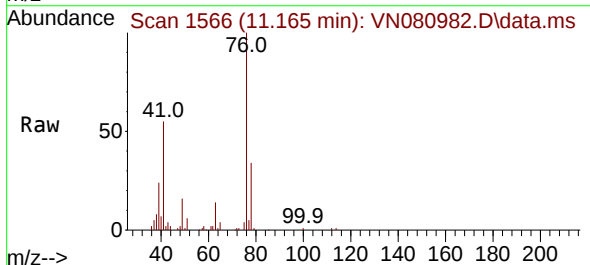
Manual Integrations
APPROVED

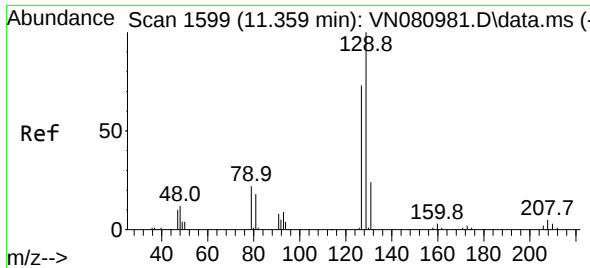
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 9.244 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 76 Resp: 83987
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8





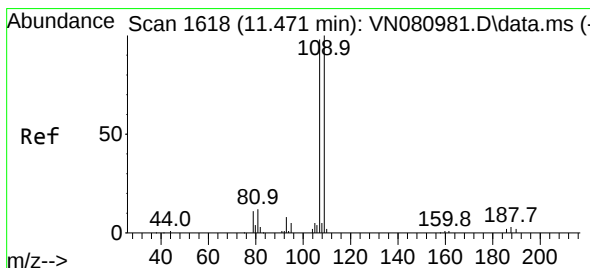
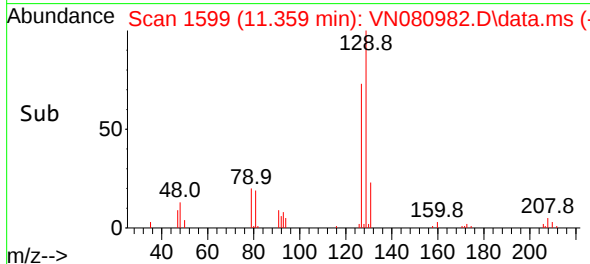
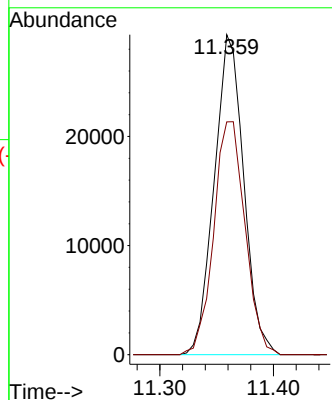
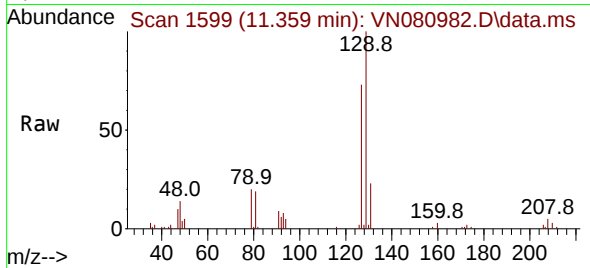
#53
Dibromochloromethane
Concen: 8.822 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:129 Resp: 52904
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1

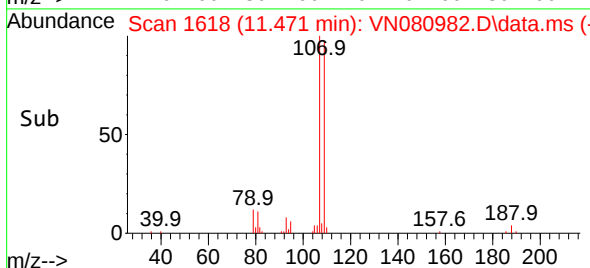
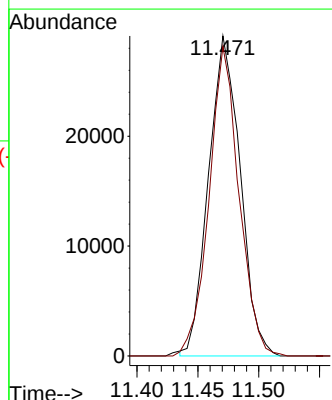
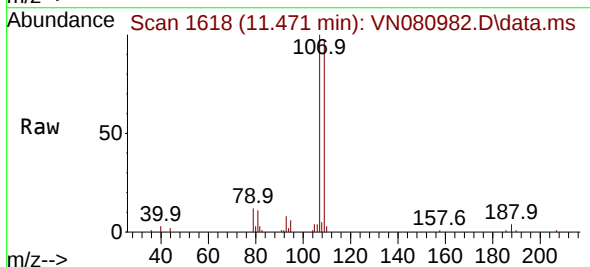
Manual Integrations
APPROVED

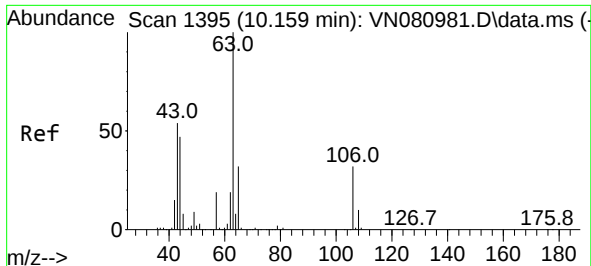
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#54
1,2-Dibromoethane
Concen: 9.245 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

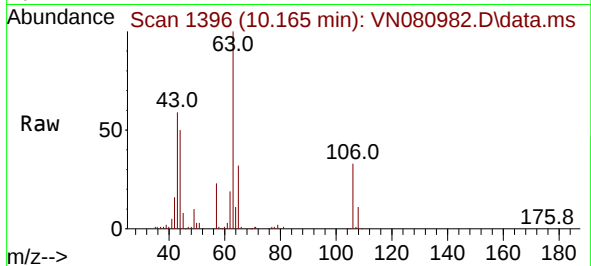
Tgt Ion:107 Resp: 52623
Ion Ratio Lower Upper
107 100
109 91.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 49.741 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

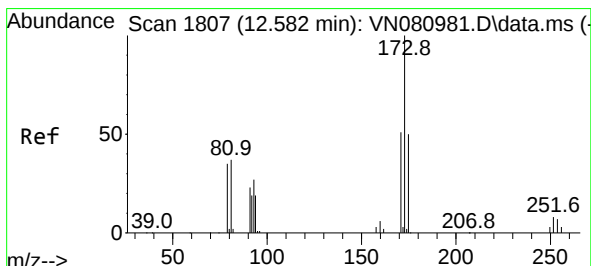
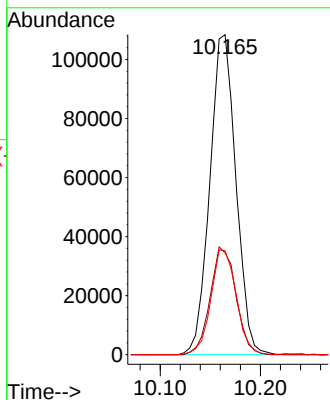
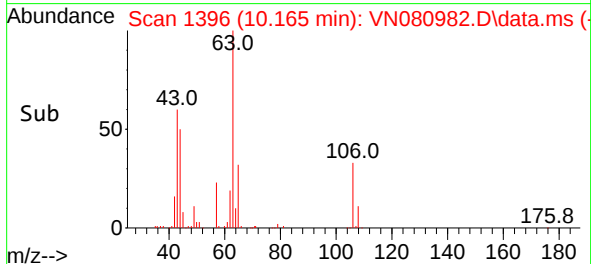
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 196009
Ion Ratio Lower Upper
63 100
65 33.0 26.2 39.2
106 32.0 23.8 35.8

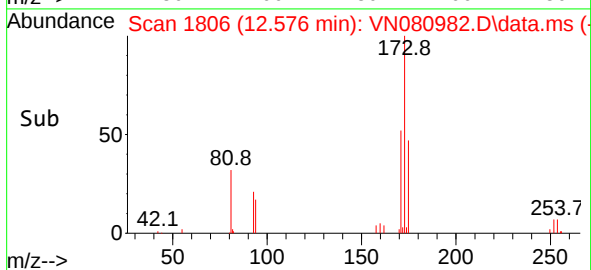
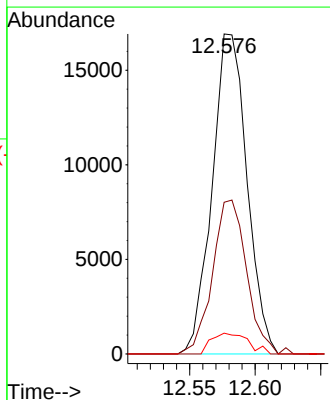
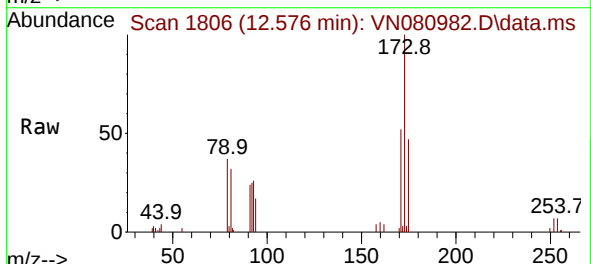
Manual Integrations
APPROVED

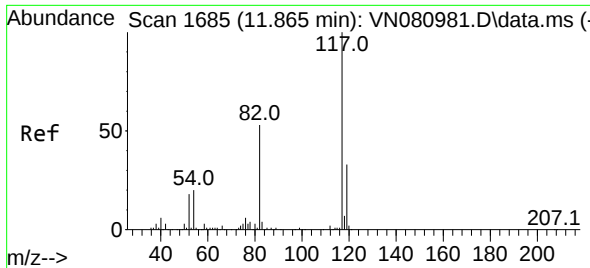
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 8.182 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

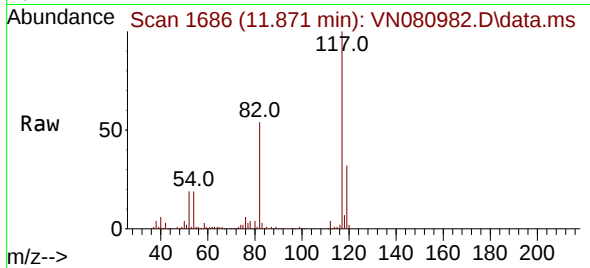
Tgt Ion:173 Resp: 31249
Ion Ratio Lower Upper
173 100
175 46.8 40.0 60.0
254 6.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

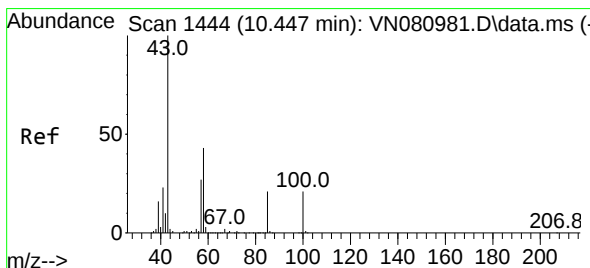
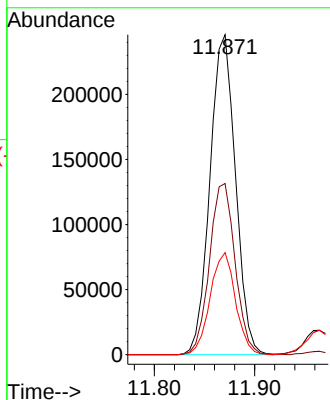
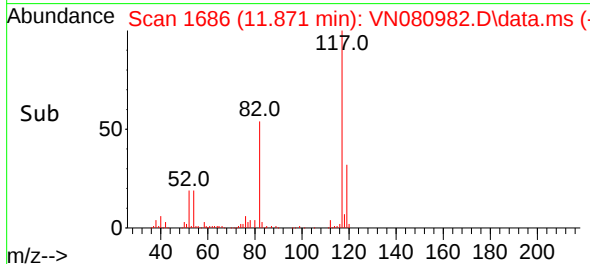
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 435485
Ion Ratio Lower Upper
117 100
82 53.7 46.6 69.8
119 31.7 25.4 38.2

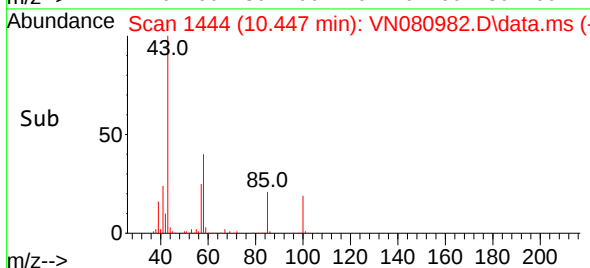
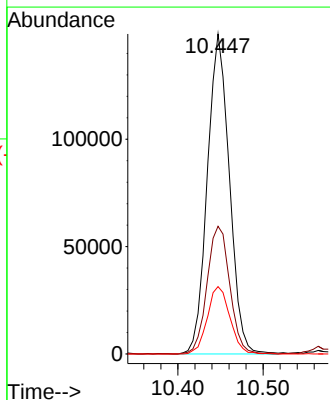
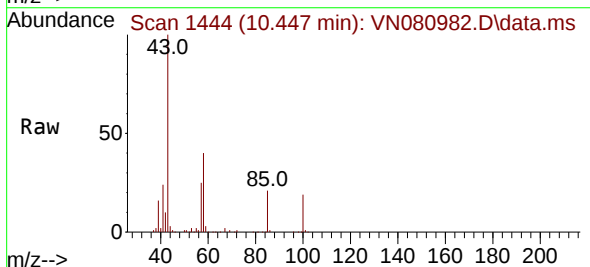
Manual Integrations
APPROVED

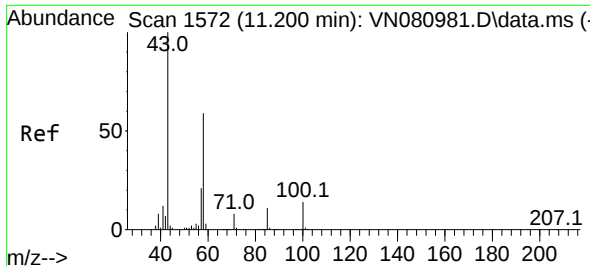
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 47.537 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

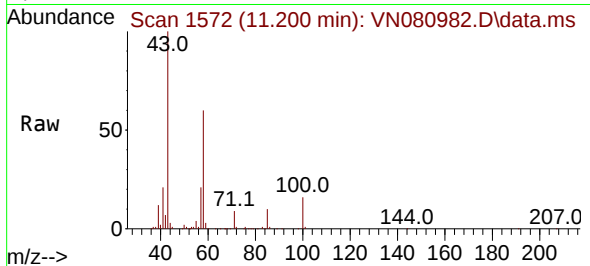
Tgt Ion: 43 Resp: 268767
Ion Ratio Lower Upper
43 100
58 41.1 36.5 54.7
85 21.5 19.5 29.3





#59
2-Hexanone
Concen: 46.137 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

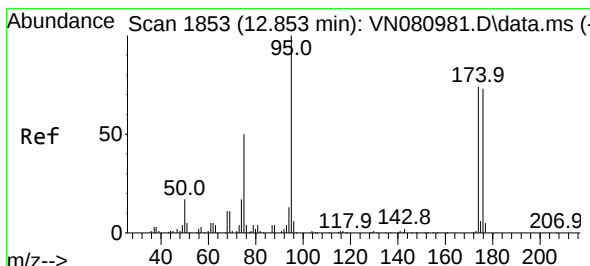
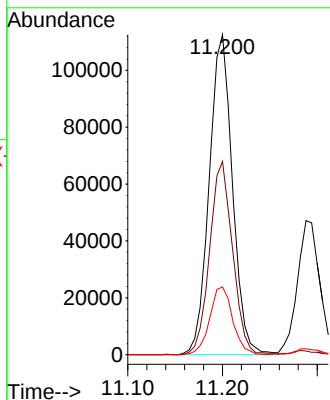
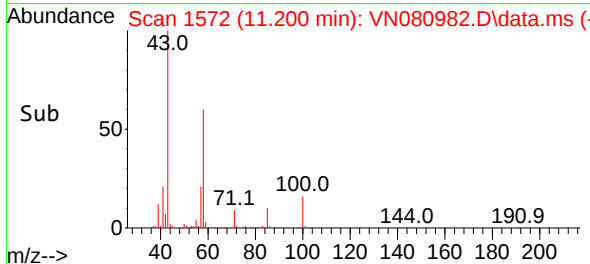
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 191854
Ion Ratio Lower Upper
43 100
58 59.2 50.4 75.6
57 20.9 18.6 27.8

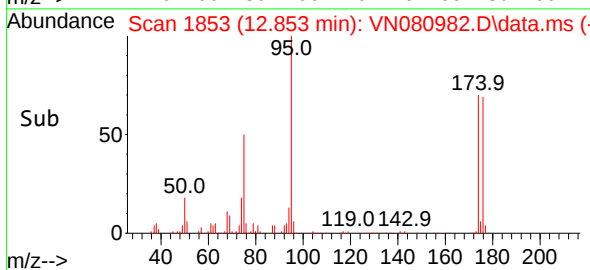
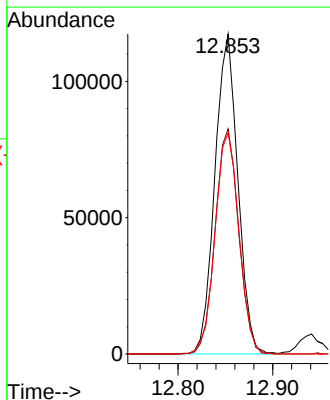
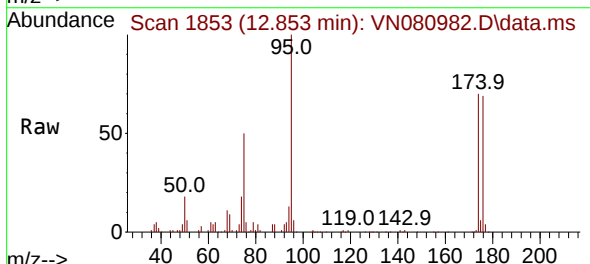
Manual Integrations
APPROVED

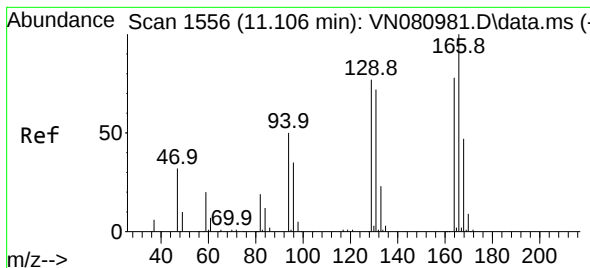
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 29.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 95 Resp: 197757
Ion Ratio Lower Upper
95 100
174 72.0 60.5 90.7
176 71.7 57.8 86.6





#61

Tetrachloroethene

Concen: 9.319 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:164 Resp: 4635

Ion Ratio Lower Upper

164 100

166 117.6 106.7 160.1

129 96.8 85.8 128.6

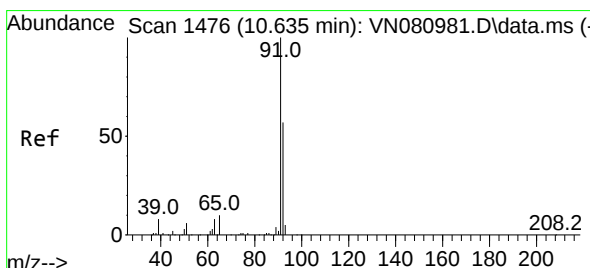
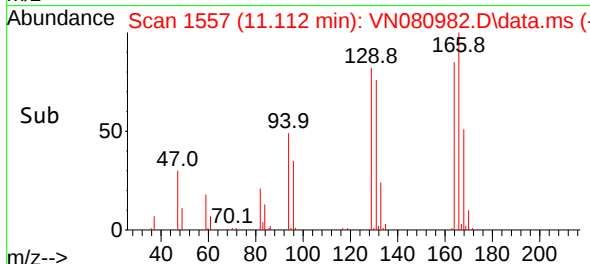
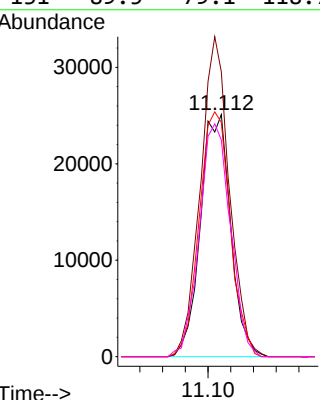
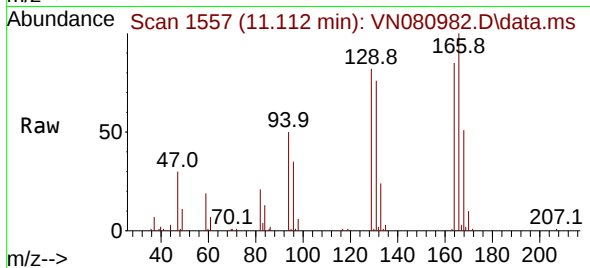
131 89.5 79.1 118.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#62

Toluene

Concen: 9.391 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN080982.D

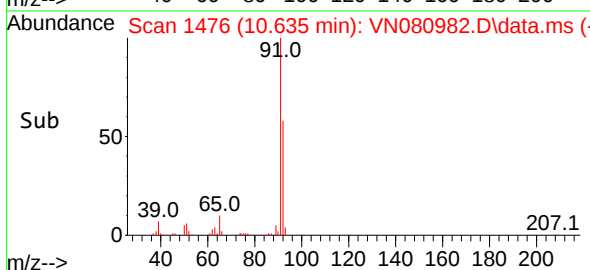
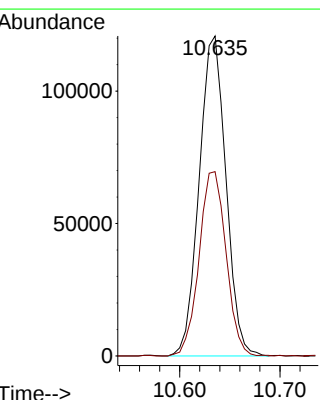
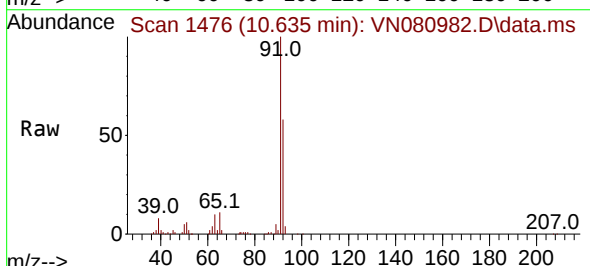
Acq: 09 Feb 2024 11:11

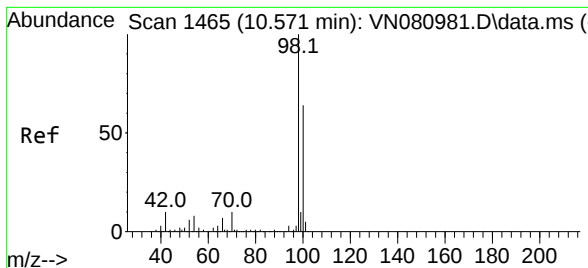
Tgt Ion: 91 Resp: 224022

Ion Ratio Lower Upper

91 100

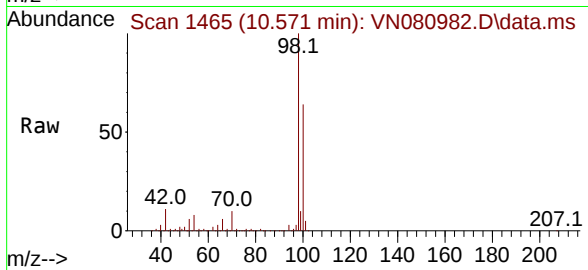
92 58.0 46.5 69.7





#63
Toluene-d8
Concen: 30.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

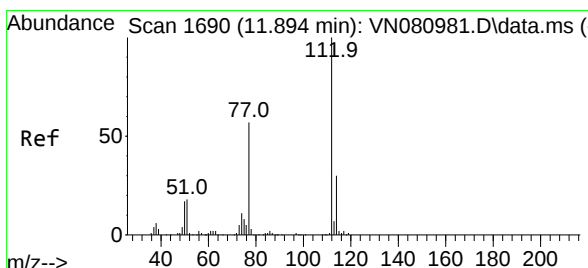
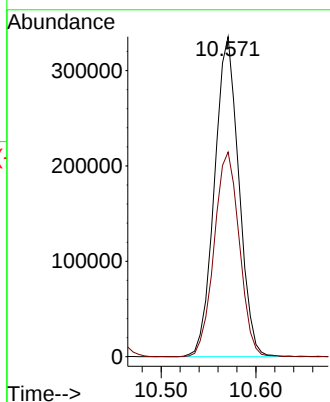
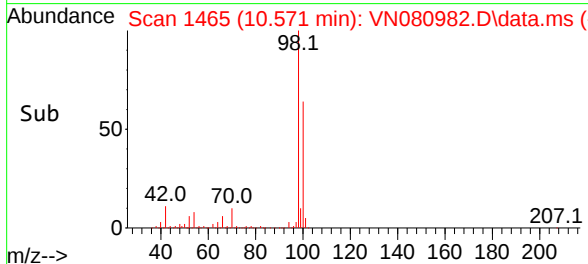
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 98 Resp: 599640
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1

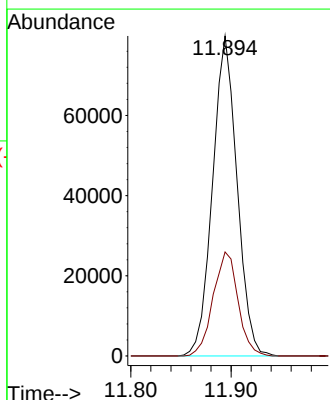
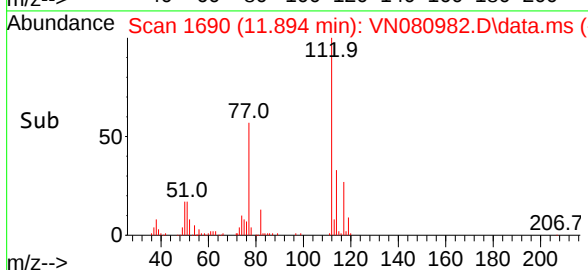
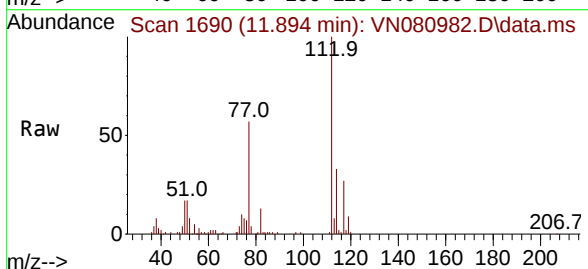
Manual Integrations
APPROVED

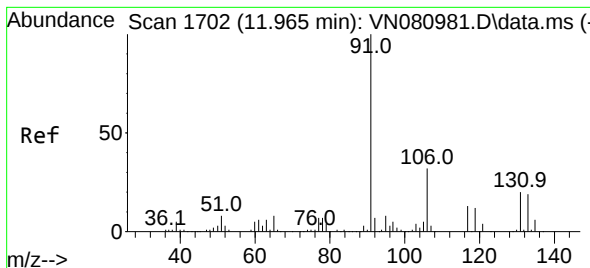
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 9.263 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion:112 Resp: 135332
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





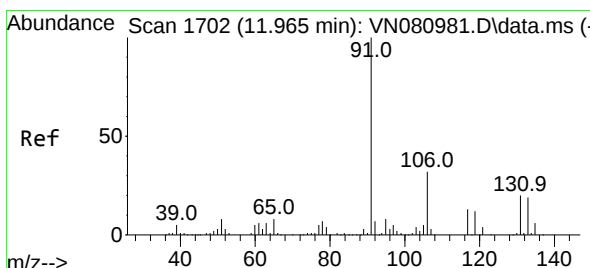
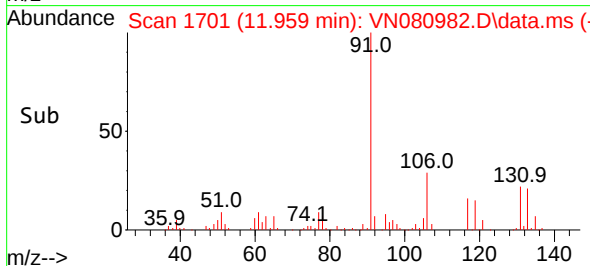
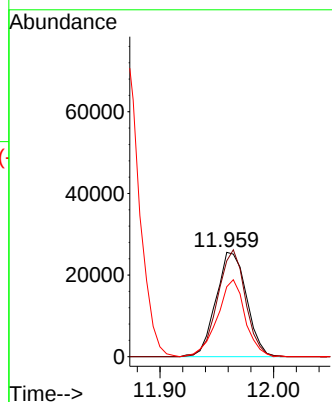
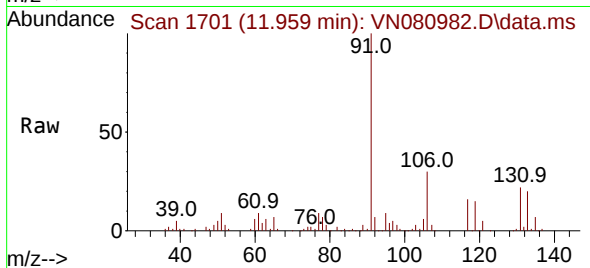
#65
1,1,1,2-Tetrachloroethane
Concen: 8.828 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 4784
Ion Ratio Lower Upper
131 100
133 93.0 0.0 188.0
119 66.9 0.0 122.8

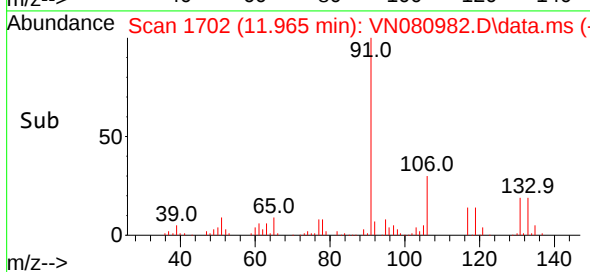
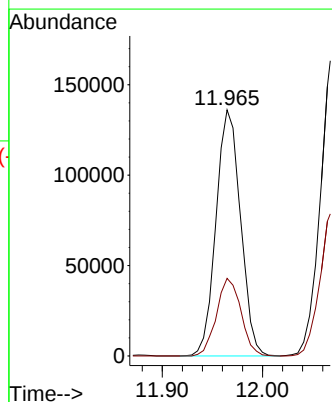
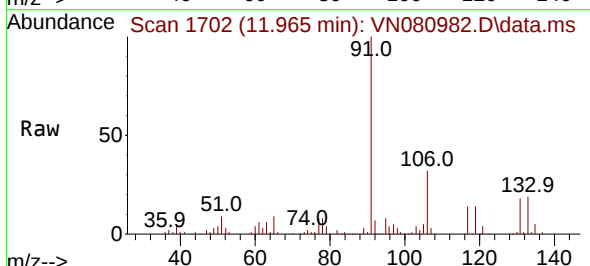
Manual Integrations
APPROVED

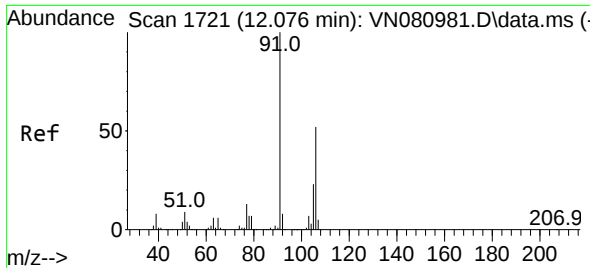
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 9.220 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 91 Resp: 231257
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6





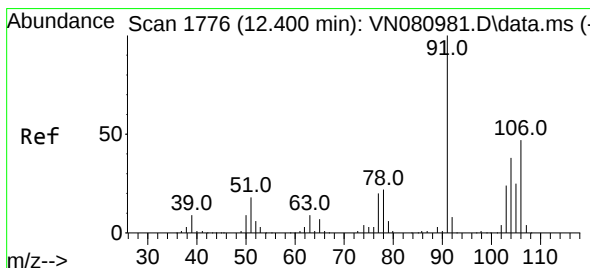
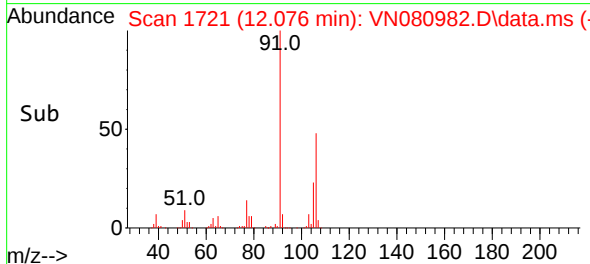
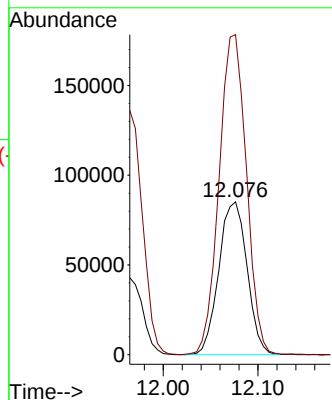
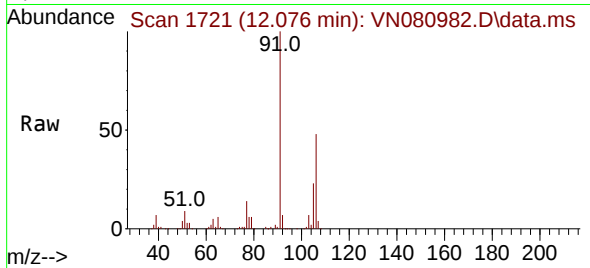
#67
m/p-Xylenes
Concen: 17.897 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 17628
Ion Ratio Lower Upper
106 100
91 202.9 166.6 249.8

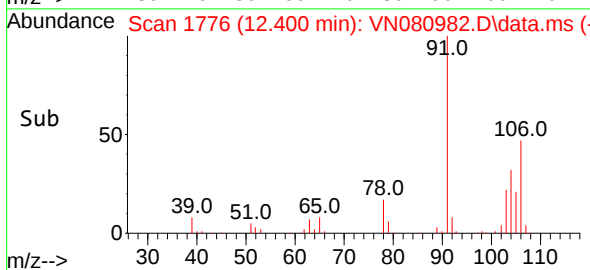
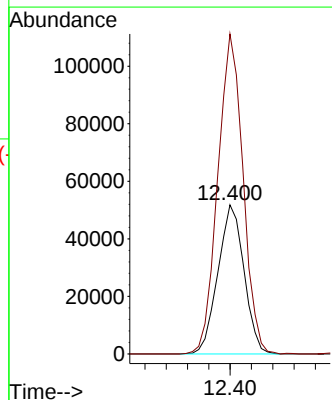
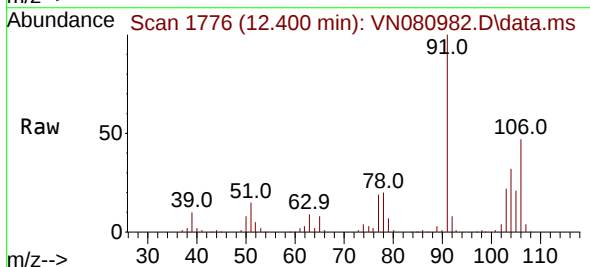
Manual Integrations
APPROVED

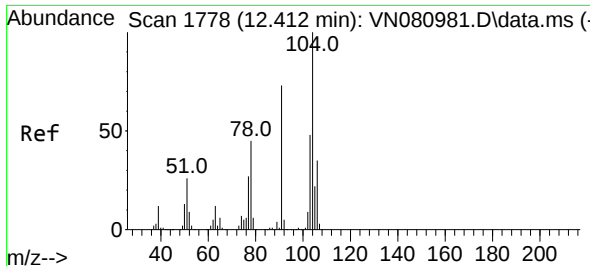
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 9.121 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

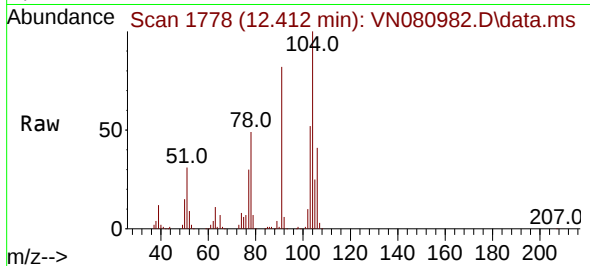
Tgt Ion:106 Resp: 88048
Ion Ratio Lower Upper
106 100
91 207.5 110.0 330.0





#69
Styrene
Concen: 8.731 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

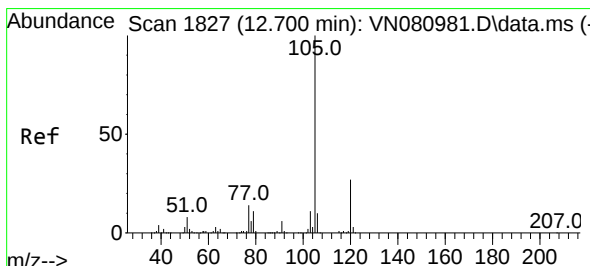
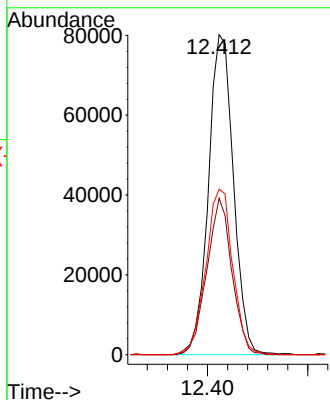
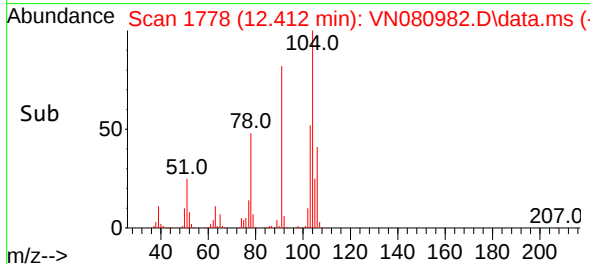
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



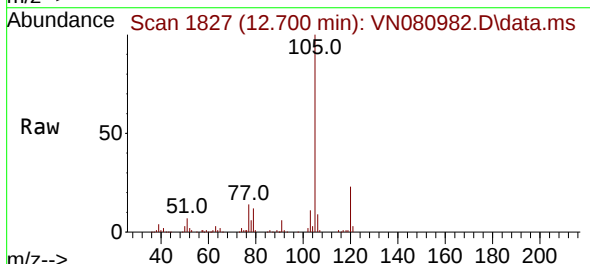
Tgt Ion:104 Resp: 13875
Ion Ratio Lower Upper
104 100
78 49.4 42.6 64.0
103 55.5 43.7 65.5

Manual Integrations
APPROVED

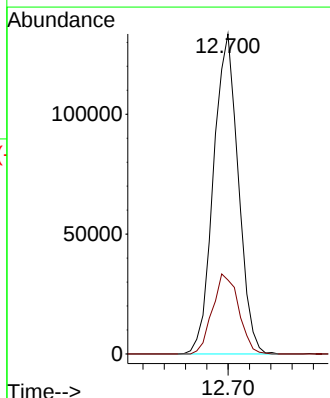
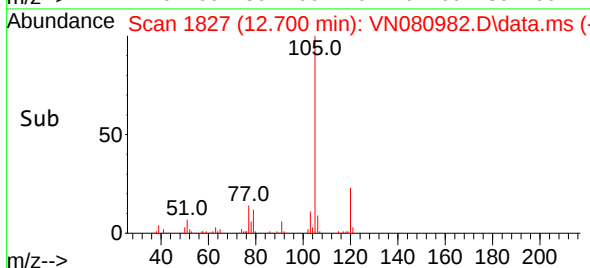
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

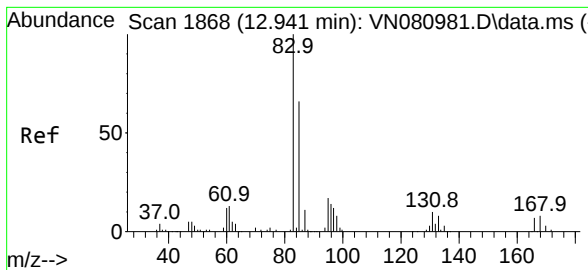


#70
Isopropylbenzene
Concen: 9.174 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11



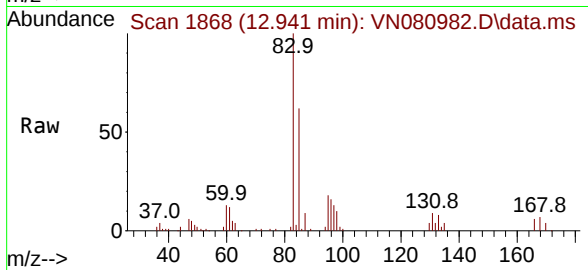
Tgt Ion:105 Resp: 215823
Ion Ratio Lower Upper
105 100
120 26.3 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 9.599 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

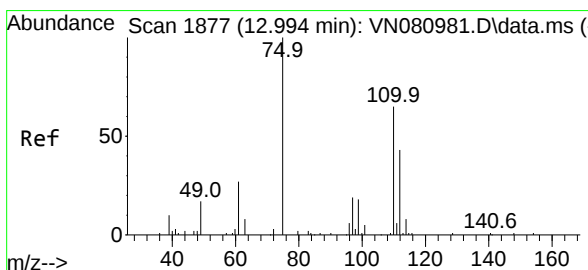
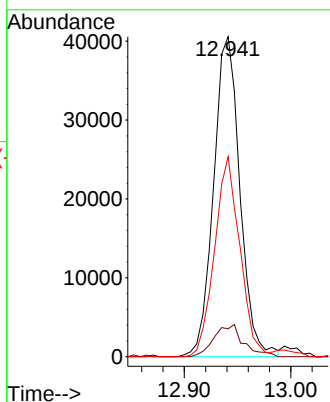
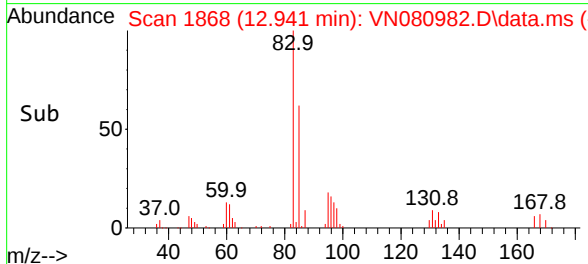
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 69630
Ion Ratio Lower Upper
83 100
131 11.2 5.2 15.6
85 59.9 32.3 96.8

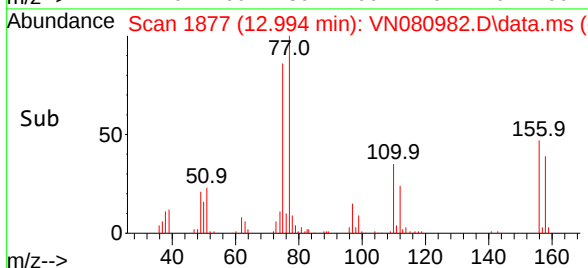
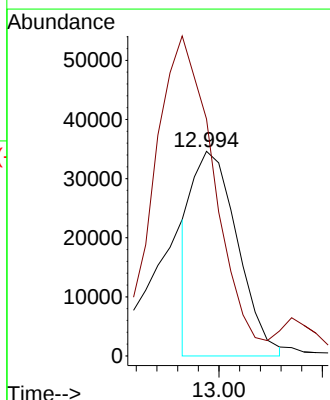
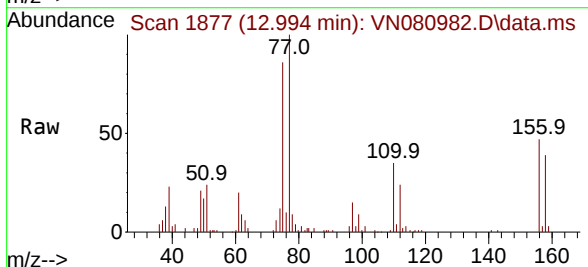
Manual Integrations
APPROVED

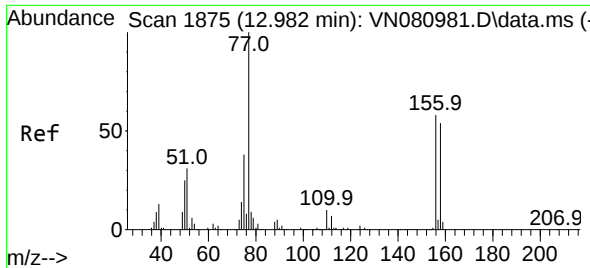
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 9.499 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 75 Resp: 52644
Ion Ratio Lower Upper
75 100
77 208.4 0.0 367.6





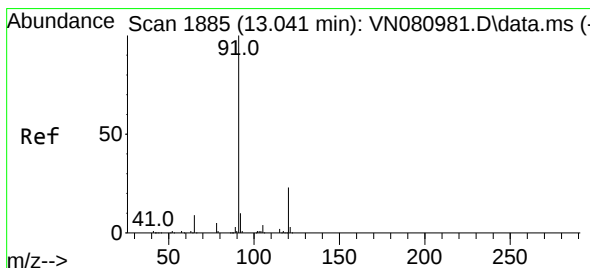
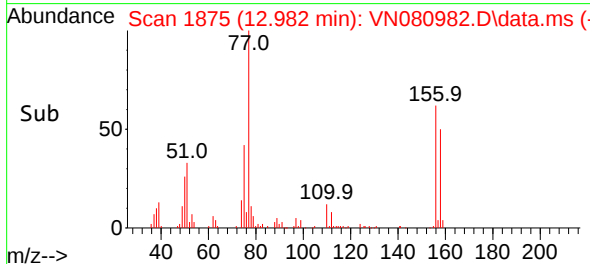
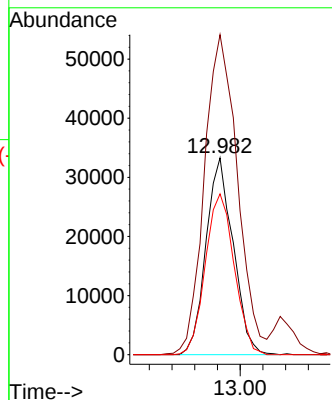
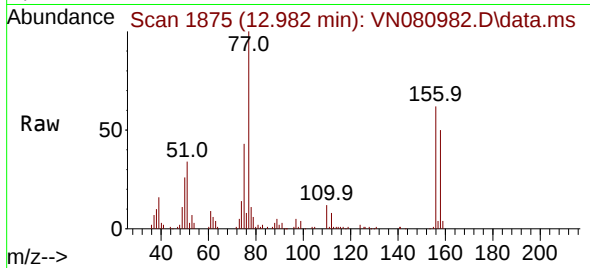
#73
Bromobenzene
Concen: 9.444 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 55250
Ion Ratio Lower Upper
156 100
77 198.6 0.0 437.6
158 87.0 0.0 203.8

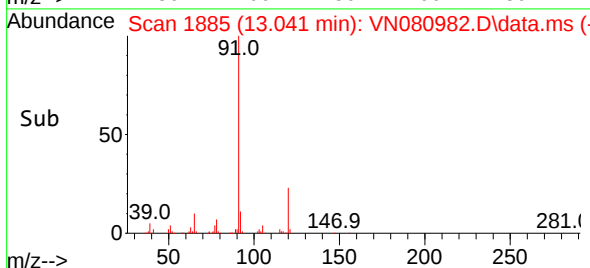
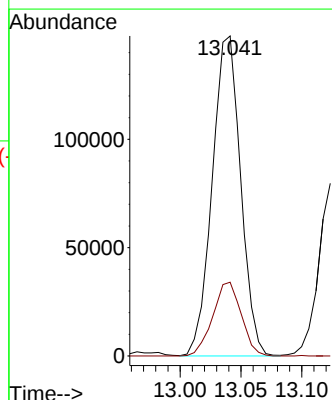
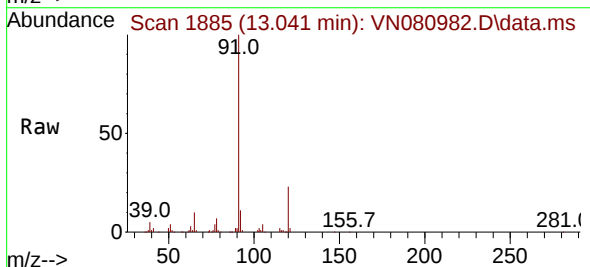
Manual Integrations
APPROVED

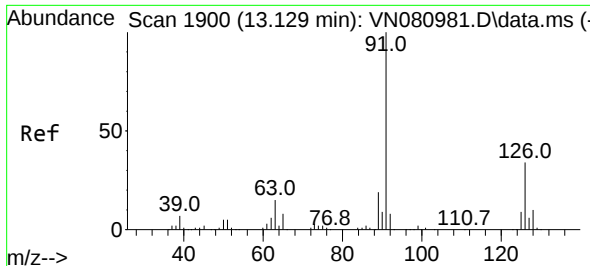
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#74
n-propylbenzene
Concen: 8.976 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 91 Resp: 239980
Ion Ratio Lower Upper
91 100
120 23.1 0.0 43.8





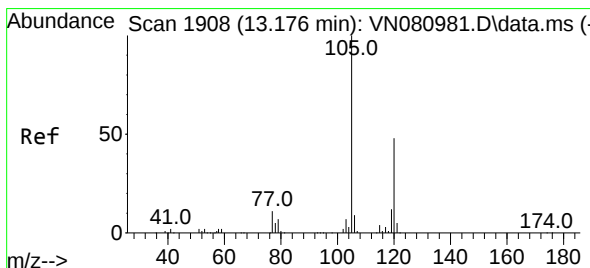
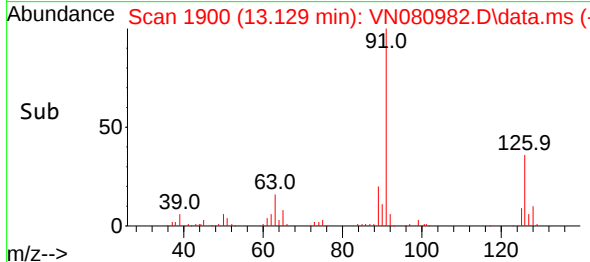
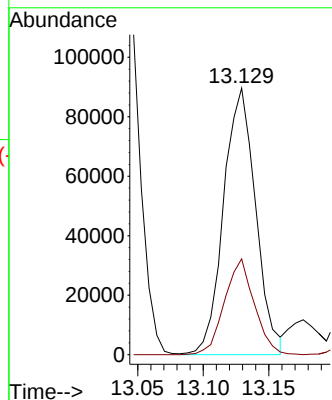
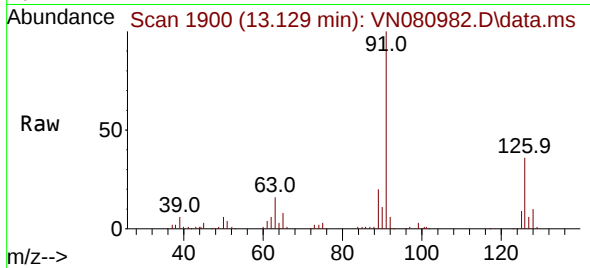
#75
2-Chlorotoluene
Concen: 9.203 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 15273
Ion Ratio Lower Upper
91 100
126 33.4 0.0 61.2

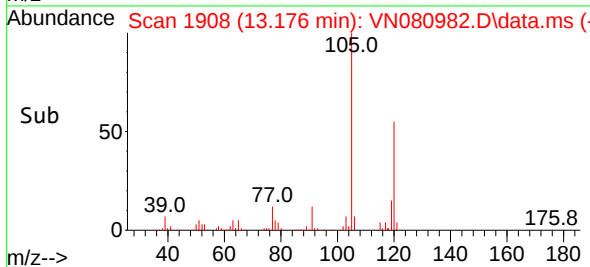
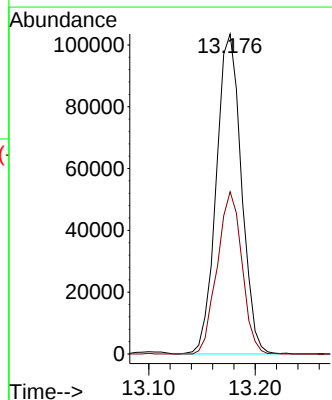
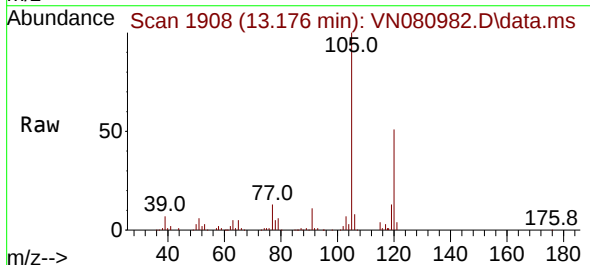
Manual Integrations
APPROVED

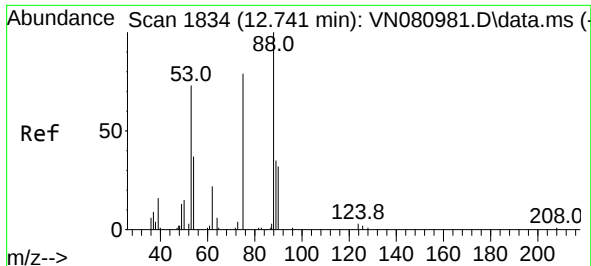
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 8.791 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

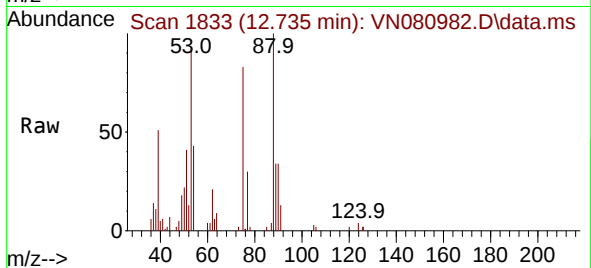
Tgt Ion:105 Resp: 169221
Ion Ratio Lower Upper
105 100
120 49.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 7.974 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

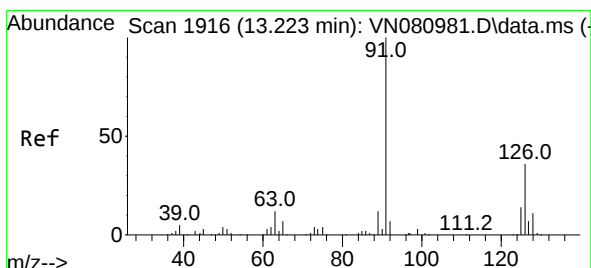
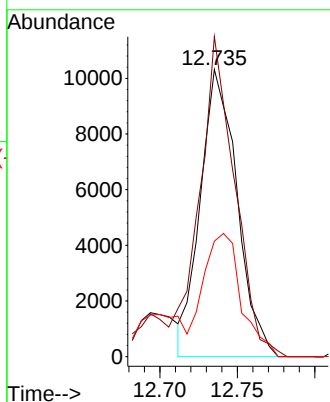
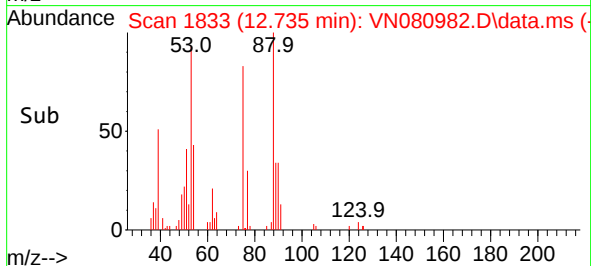
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 16980
Ion Ratio Lower Upper
75 100
53 109.5 45.9 137.7
89 40.3 25.9 77.7

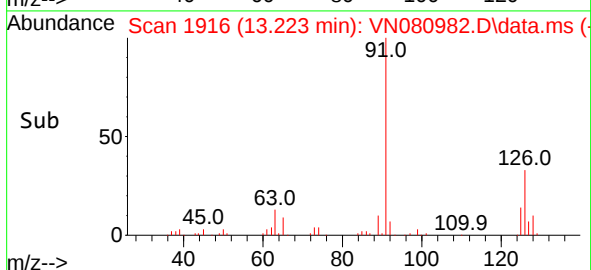
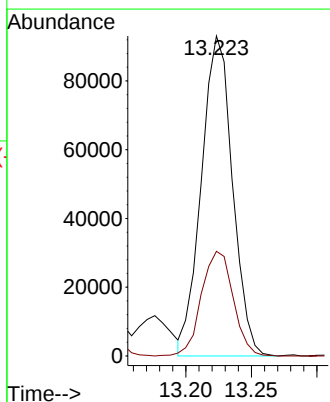
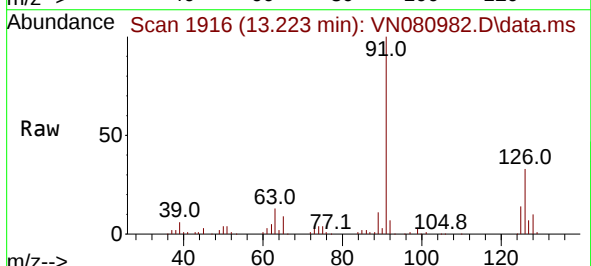
Manual Integrations
APPROVED

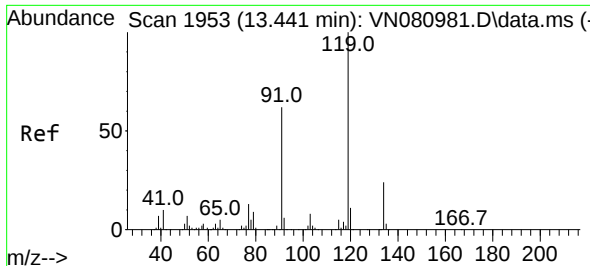
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 9.262 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion: 91 Resp: 153965
Ion Ratio Lower Upper
91 100
126 33.3 0.0 62.8





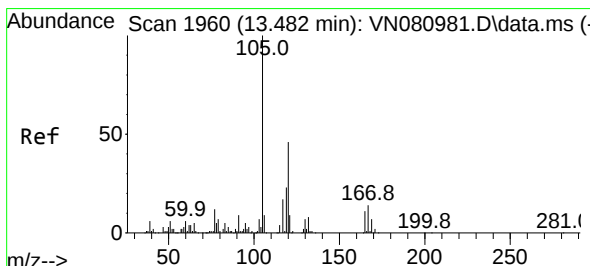
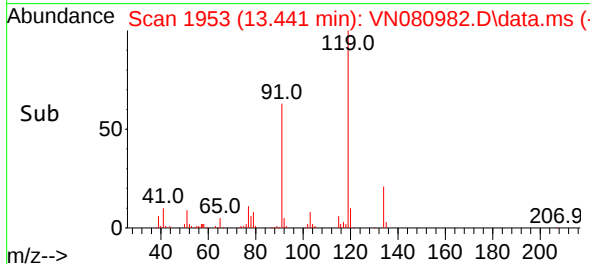
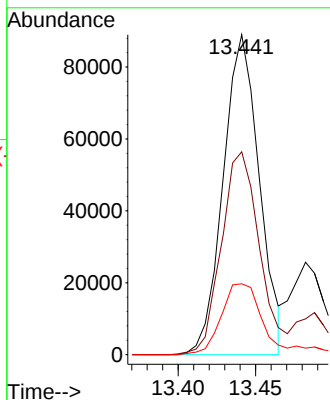
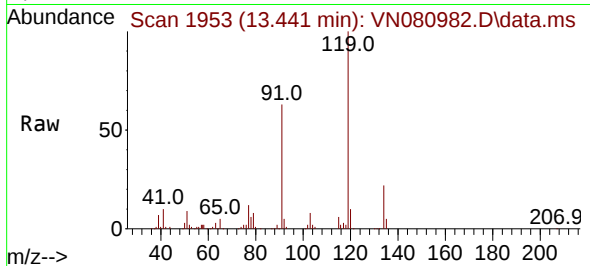
#79
tert-butylbenzene
Concen: 9.039 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 14443
Ion Ratio Lower Upper
119 100
91 67.0 0.0 138.8
134 24.3 0.0 48.6

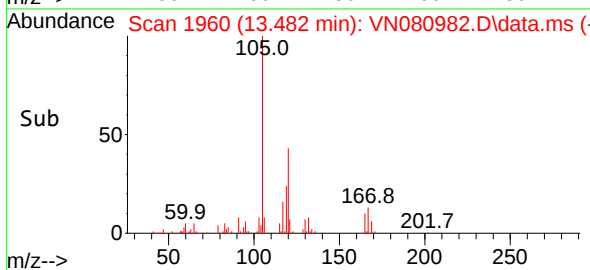
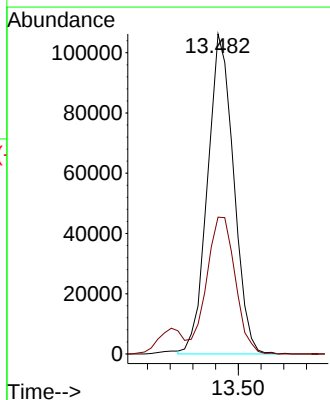
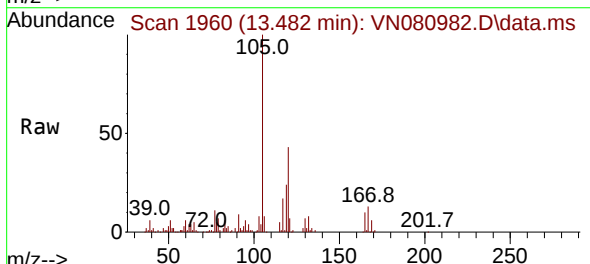
Manual Integrations
APPROVED

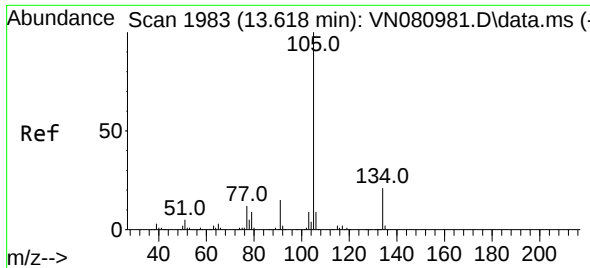
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 8.840 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion:105 Resp: 169531
Ion Ratio Lower Upper
105 100
120 47.2 0.0 86.8





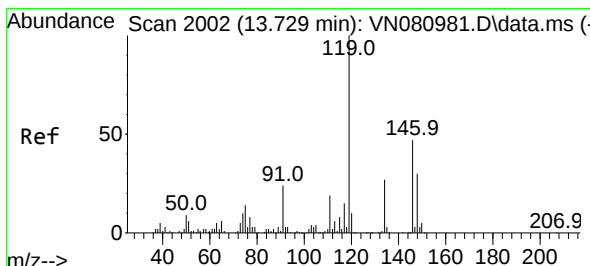
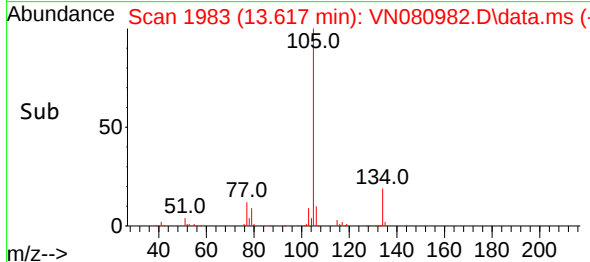
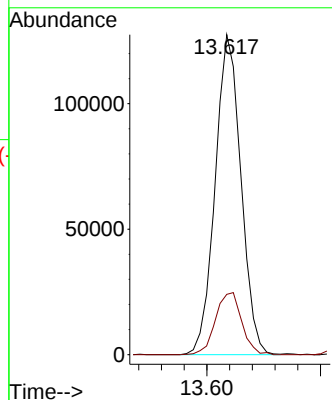
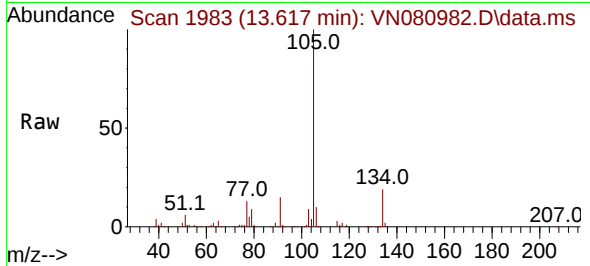
#81
 sec-Butylbenzene
 Concen: 8.990 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080982.D
 Acq: 09 Feb 2024 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 201164
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.0

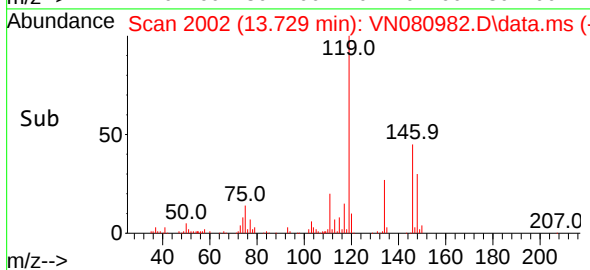
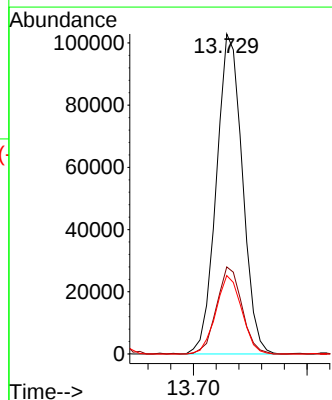
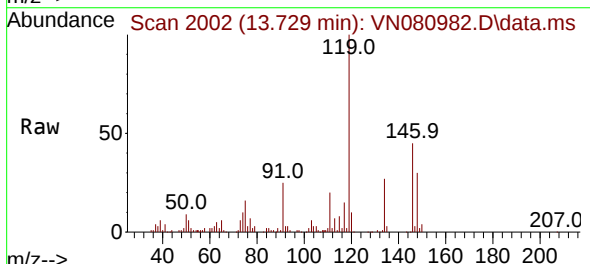
Manual Integrations
 APPROVED

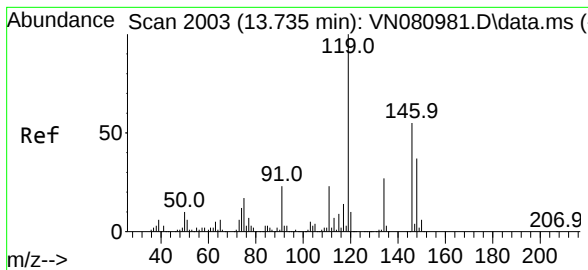
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 8.706 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080982.D
 Acq: 09 Feb 2024 11:11

Tgt Ion:119 Resp: 163537
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 49.2
 91 24.3 0.0 48.8





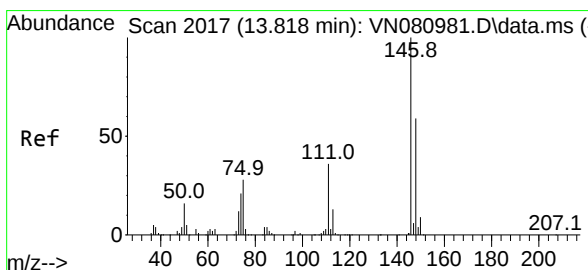
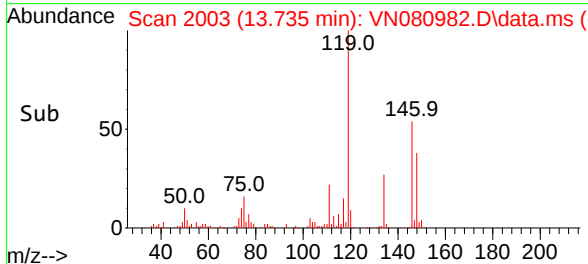
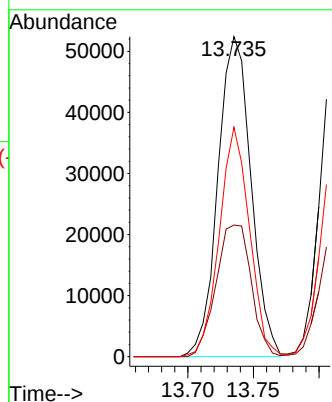
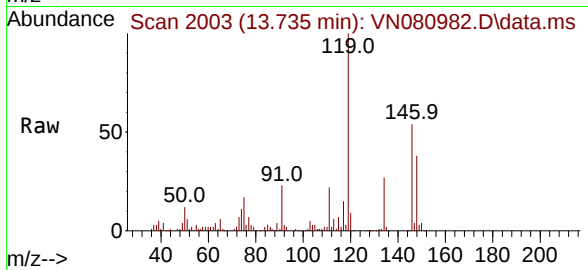
#83
1,3-Dichlorobenzene
Concen: 8.748 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 92049
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 65.2 32.1 96.5

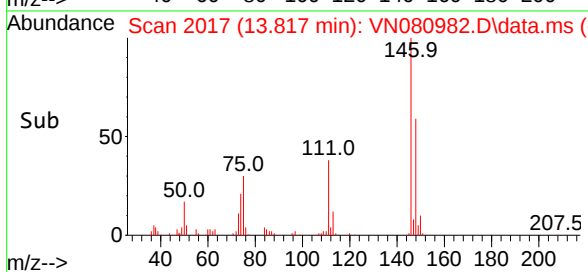
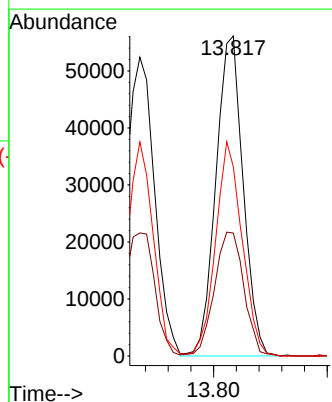
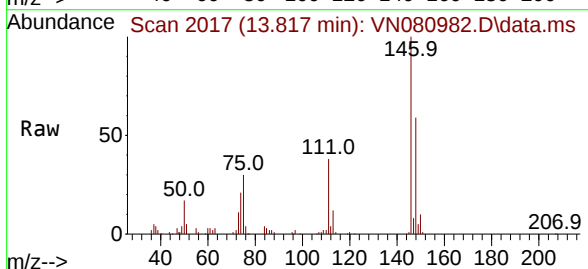
Manual Integrations
APPROVED

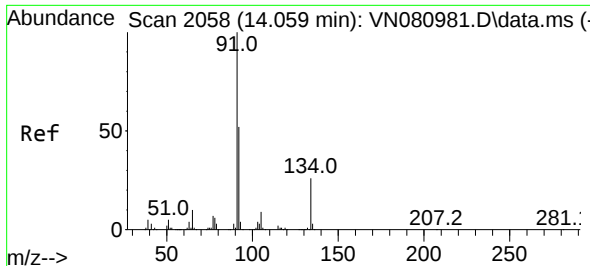
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#84
1,4-Dichlorobenzene
Concen: 8.866 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

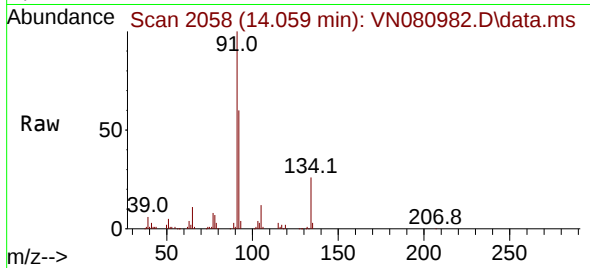
Tgt Ion:146 Resp: 93636
Ion Ratio Lower Upper
146 100
111 40.8 21.3 63.9
148 65.0 31.9 95.5





#85
n-Butylbenzene
Concen: 8.509 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

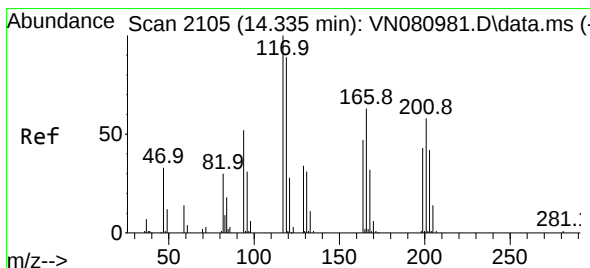
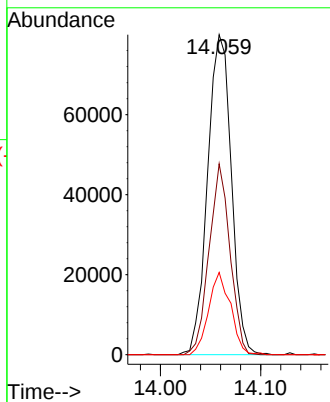
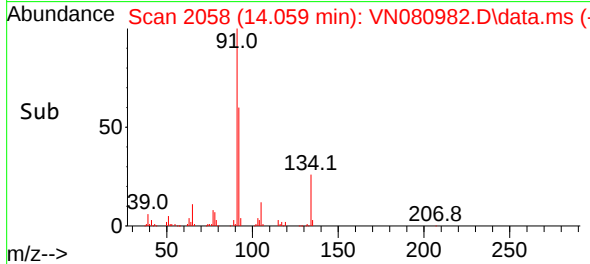
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 13188
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 23.7 0.0 51.8

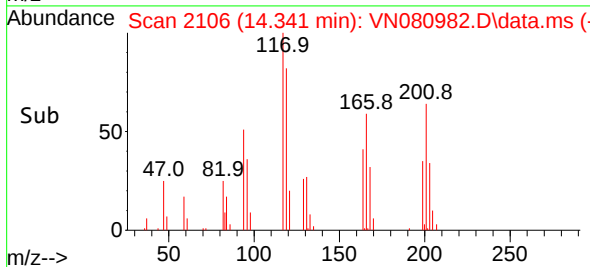
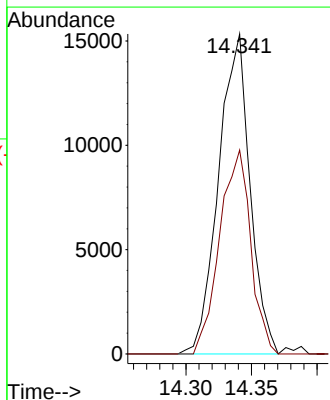
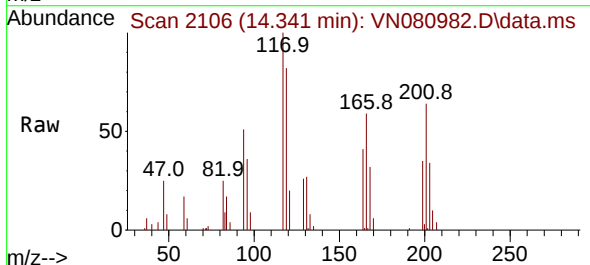
Manual Integrations
APPROVED

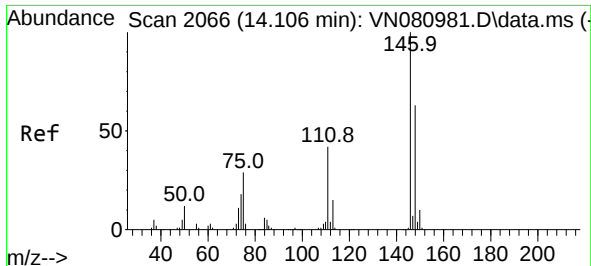
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 8.614 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

Tgt Ion:117 Resp: 25523
Ion Ratio Lower Upper
117 100
201 63.0 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 9.249 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

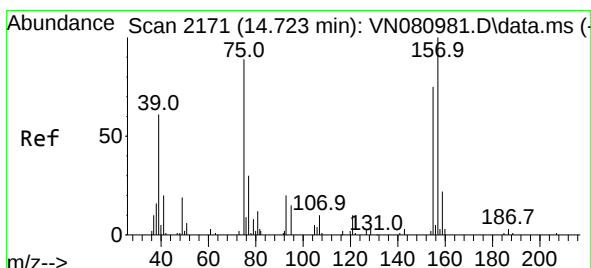
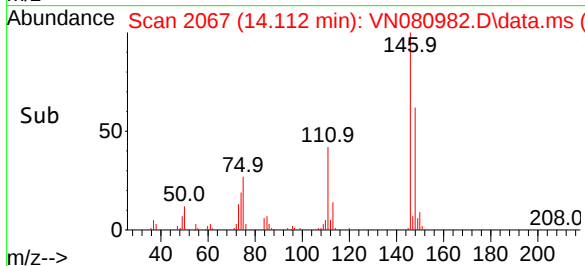
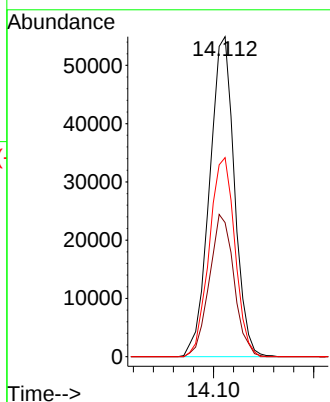
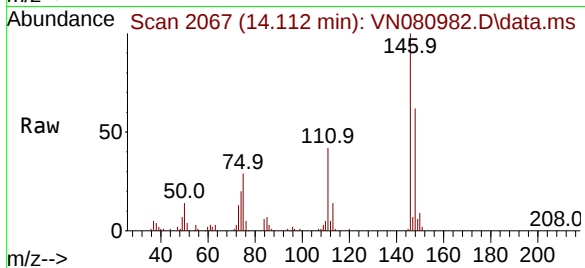
Tgt Ion:	146	Resp:	94740
Ion Ratio	Lower	Upper	
146	100		
111	43.9	22.6	67.8
148	64.1	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 9.280 ug/l

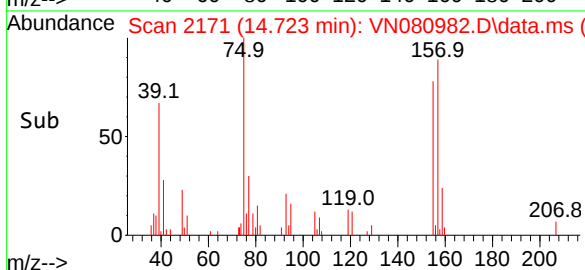
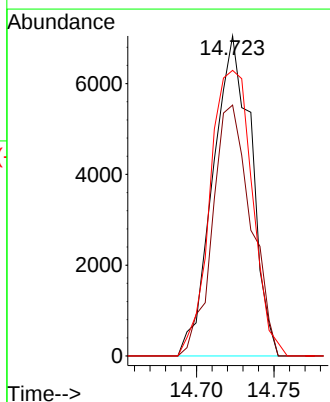
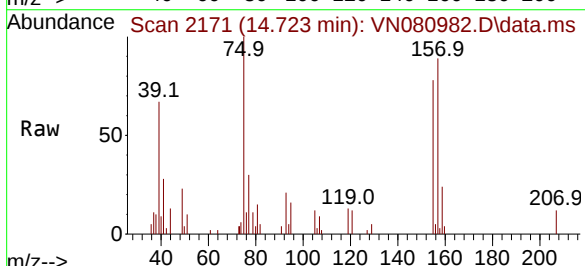
RT: 14.723 min Scan# 2171

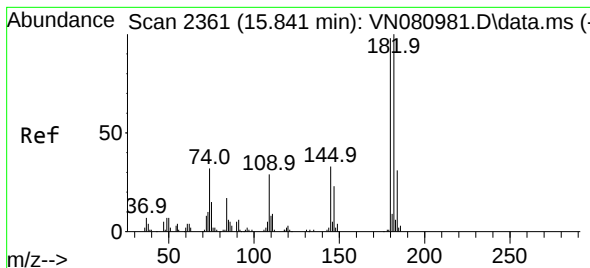
Delta R.T. -0.000 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Tgt Ion:	75	Resp:	12150
Ion Ratio	Lower	Upper	
75	100		
155	78.5	61.7	92.5
157	98.1	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 8.982 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

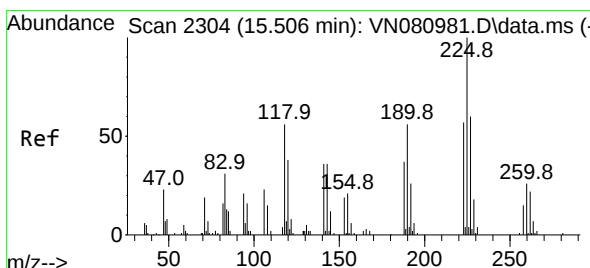
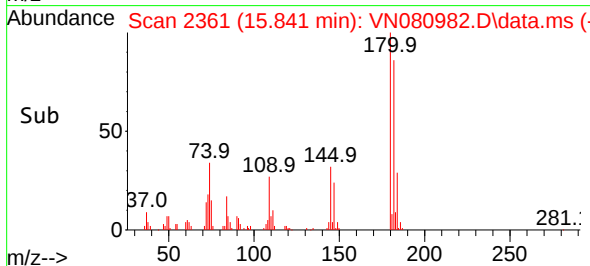
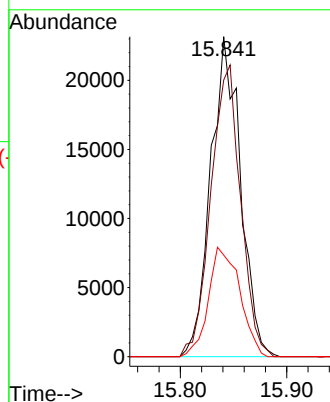
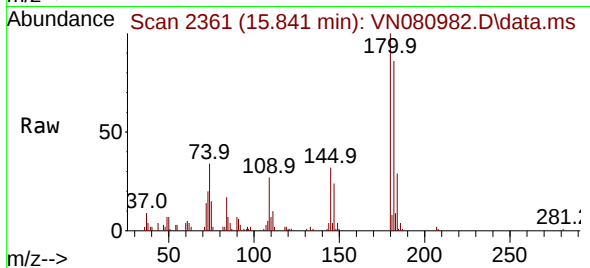
Tgt Ion:	180	Resp:	4501
Ion Ratio	Lower	Upper	
180	100		
182	90.8	76.4	114.6
145	36.0	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 9.304 ug/l

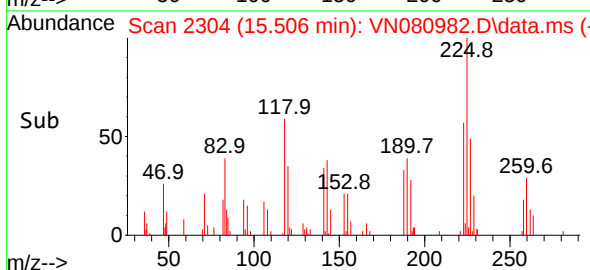
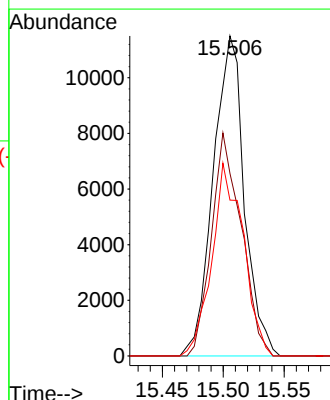
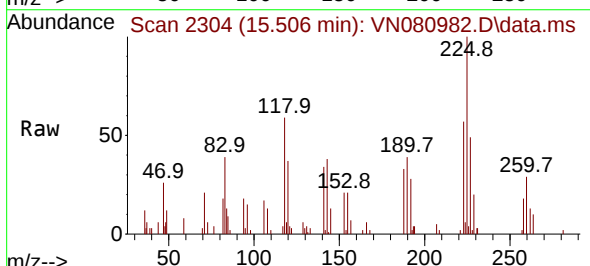
RT: 15.506 min Scan# 2304

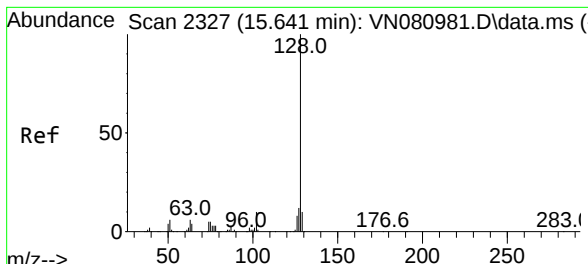
Delta R.T. -0.000 min

Lab File: VN080982.D

Acq: 09 Feb 2024 11:11

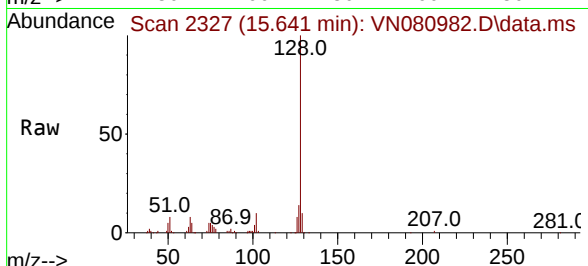
Tgt Ion:	225	Resp:	20456
Ion Ratio	Lower	Upper	
225	100		
223	66.8	0.0	126.6
227	60.5	0.0	126.6





#91
Naphthalene
Concen: 8.688 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11

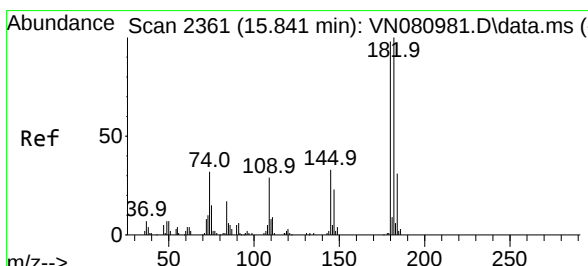
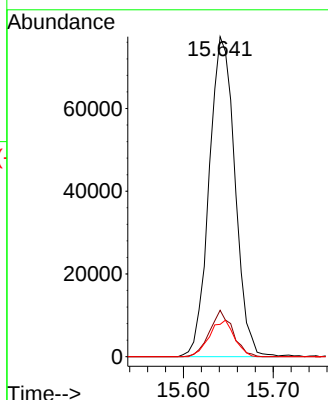
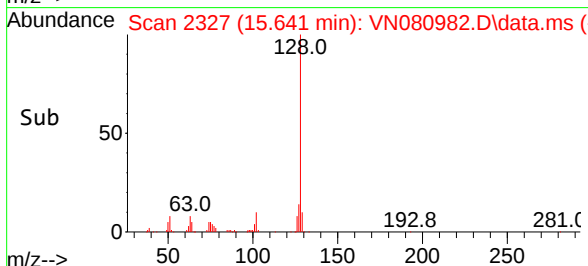
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



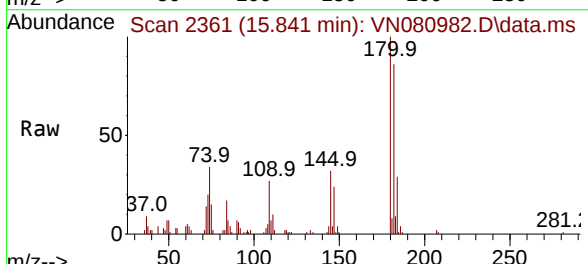
Tgt Ion:128 Resp: 15460
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 8.982 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080982.D
Acq: 09 Feb 2024 11:11



Tgt Ion:180 Resp: 45015
Ion Ratio Lower Upper
180 100
182 90.8 0.0 191.0
145 36.0 0.0 71.0

