

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080133.D
 Acq On : 16 Nov 2023 13:09
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	246041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	362374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	20876	5.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.280%#		
35) Dibromofluoromethane	8.171	113	15401	5.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.300%#		
50) Toluene-d8	10.570	98	51547	4.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.560%#		
62) 4-Bromofluorobenzene	12.853	95	19981	4.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17401	4.748	ug/l	97
3) Chloromethane	2.365	50	13628	4.946	ug/l	98
4) Vinyl Chloride	2.512	62	14931	5.120	ug/l	93
5) Bromomethane	2.947	94	11265	5.691	ug/l	99
6) Chloroethane	3.118	64	11697	5.284	ug/l #	82
7) Trichlorofluoromethane	3.494	101	31185	5.127	ug/l	95
8) Diethyl Ether	3.971	74	9116	5.153	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	14327	5.153	ug/l	93
10) Methyl Iodide	4.594	142	14342	4.773	ug/l #	83
11) Tert butyl alcohol	5.524	59	12053	26.979	ug/l #	84
12) 1,1-Dichloroethene	4.341	96	13333	5.127	ug/l	86
13) Acrolein	4.189	56	10832	27.397	ug/l	91
14) Allyl chloride	5.018	41	17258	5.275	ug/l	98
15) Acrylonitrile	5.724	53	31894	26.593	ug/l	96
16) Acetone	4.430	43	43073	31.567	ug/l	98
17) Carbon Disulfide	4.712	76	39765	5.121	ug/l	95
18) Methyl Acetate	5.030	43	23515	5.364	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	46203	5.031	ug/l	94
20) Methylene Chloride	5.277	84	16289	5.700	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	14708	5.148	ug/l #	70
22) Diisopropyl ether	6.677	45	37294	5.152	ug/l #	91
23) Vinyl Acetate	6.606	43	131213	30.154	ug/l	94
24) 1,1-Dichloroethane	6.565	63	27855	5.283	ug/l	99
25) 2-Butanone	7.488	43	48932	30.183	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	26306	5.029	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	17566	5.423	ug/l	86
28) Bromochloromethane	7.806	49	11101	5.356	ug/l #	89
29) Tetrahydrofuran	7.847	42	23123	26.567	ug/l	91
30) Chloroform	7.971	83	30567	5.187	ug/l	94
31) Cyclohexane	8.253	56	24387	5.520	ug/l #	91
32) 1,1,1-Trichloroethane	8.165	97	29817	5.189	ug/l #	51
36) 1,1-Dichloropropene	8.377	75	20858	4.819	ug/l	94
37) Ethyl Acetate	7.571	43	15918	5.302	ug/l	98
38) Carbon Tetrachloride	8.365	117	26799	4.879	ug/l #	91
39) Methylcyclohexane	9.600	83	19870	4.761	ug/l #	88
40) Benzene	8.606	78	63035	5.124	ug/l	95

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 Sample : VSTDIC005
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	7764	4.709	ug/l	96
42) 1,2-Dichloroethane	8.671	62	25698	5.106	ug/l	93
43) Isopropyl Acetate	8.694	43	31412	5.376	ug/l #	91
44) Trichloroethene	9.359	130	16327	5.059	ug/l	82
45) 1,2-Dichloropropane	9.629	63	15145	5.297	ug/l	98
46) Dibromomethane	9.712	93	11139	5.147	ug/l	91
47) Bromodichloromethane	9.894	83	24048	5.051	ug/l #	90
48) Methyl methacrylate	9.682	41	15209	5.051	ug/l	88
49) 1,4-Dioxane	9.700	88	5398	107.761	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	76983	25.449	ug/l	97
52) Toluene	10.635	92	37713	4.898	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	24486	5.006	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	24439	4.891	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	14699	5.002	ug/l	89
56) Ethyl methacrylate	10.876	69	14264	4.751	ug/l #	63
57) 1,3-Dichloropropane	11.165	76	26096	5.086	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	40202	23.771	ug/l	96
59) 2-Hexanone	11.200	43	69462	28.576	ug/l	93
60) Dibromochloromethane	11.359	129	17695	5.030	ug/l	99
61) 1,2-Dibromoethane	11.470	107	14991	5.001	ug/l	96
64) Tetrachloroethene	11.106	164	14224	5.143	ug/l	98
65) Chlorobenzene	11.894	112	41993	5.114	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	16297	5.114	ug/l	94
67) Ethyl Benzene	11.965	91	70953	4.856	ug/l	92
68) m/p-Xylenes	12.070	106	51332	9.636	ug/l	87
69) o-Xylene	12.400	106	24637	4.907	ug/l	88
70) Styrene	12.417	104	35995	4.817	ug/l	94
71) Bromoform	12.582	173	11368	4.811	ug/l #	100
73) Isopropylbenzene	12.700	105	63722	4.991	ug/l	99
74) N-amyl acetate	12.500	43	20290	5.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	20811	5.447	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	28145	7.026	ug/l	69
77) Bromobenzene	12.982	156	17137	5.324	ug/l	97
78) n-propylbenzene	13.041	91	69769	4.887	ug/l	97
79) 2-Chlorotoluene	13.129	91	47393	5.111	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	54126	4.870	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	5958	5.001	ug/l #	78
82) 4-Chlorotoluene	13.223	91	48155	5.070	ug/l	96
83) tert-Butylbenzene	13.441	119	43166	4.844	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	53166	4.858	ug/l	97
85) sec-Butylbenzene	13.617	105	55933	4.961	ug/l	99
86) p-Isopropyltoluene	13.729	119	48544	4.820	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	29519	5.090	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	29876	5.126	ug/l	91
89) n-Butylbenzene	14.059	91	39940	4.738	ug/l	99
90) Hexachloroethane	14.335	117	9486	4.831	ug/l #	59
91) 1,2-Dichlorobenzene	14.111	146	28488	5.134	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4321	4.869	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	15720	4.871	ug/l	99
94) Hexachlorobutadiene	15.505	225	9208	4.958	ug/l	96
95) Naphthalene	15.641	128	43344	4.631	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	14336	4.739	ug/l	91

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 17 01:08:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 00:59:02 2023
Response via : Initial Calibration

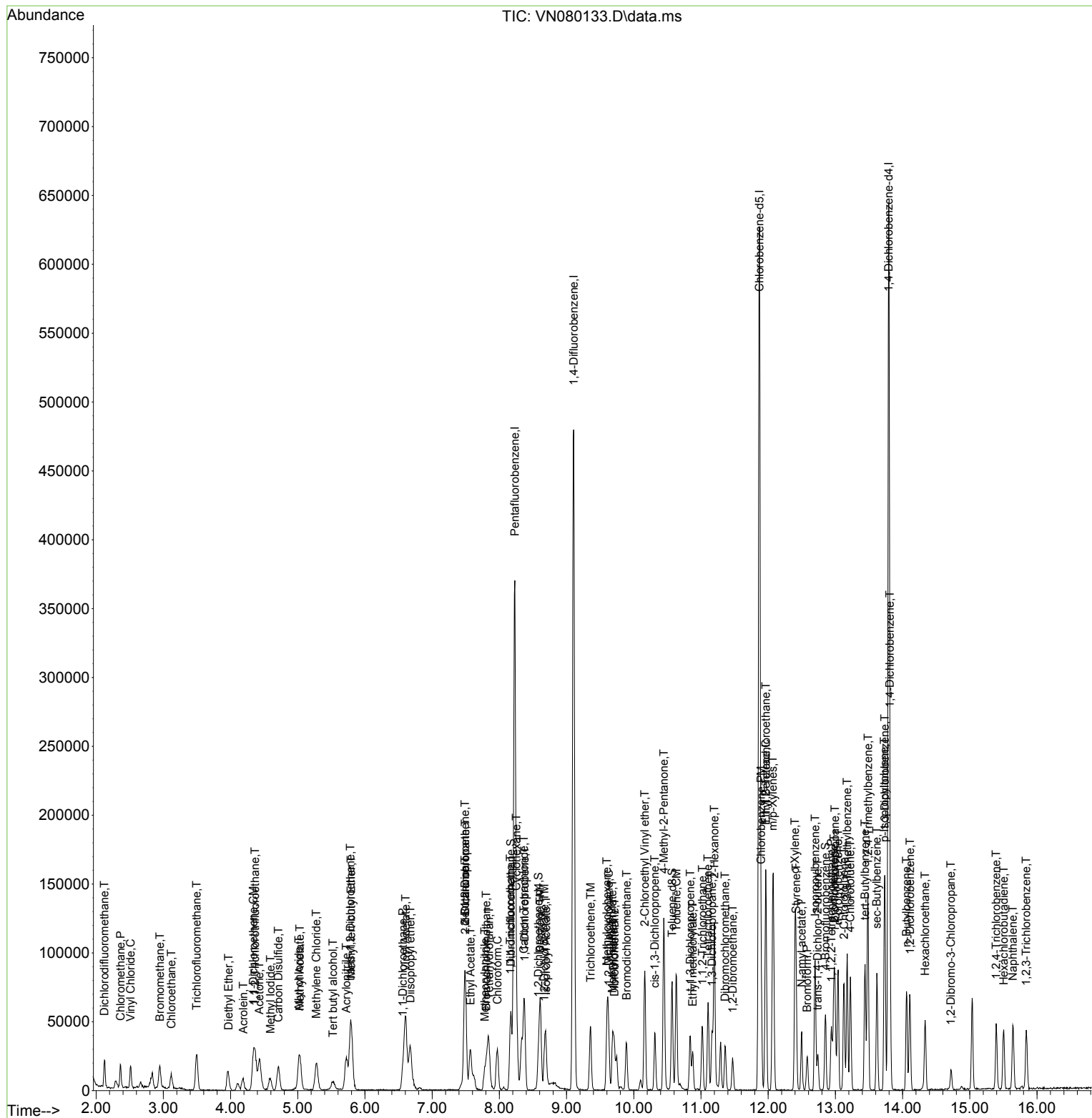
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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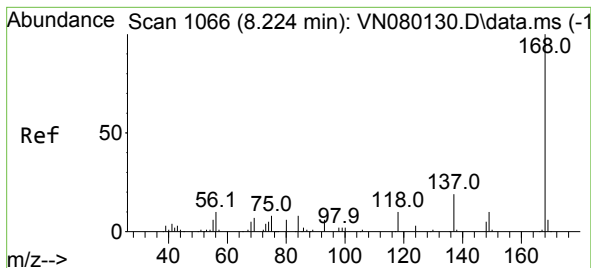
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN080133.D
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
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 ClientSampleId :

Quant Time: Nov 17 01:08:11 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

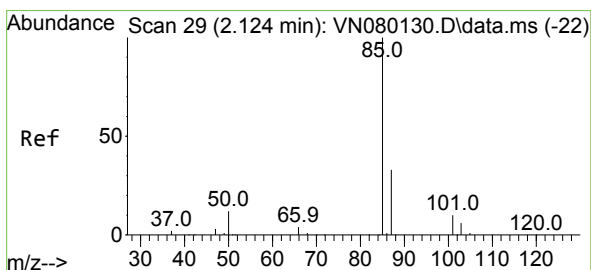
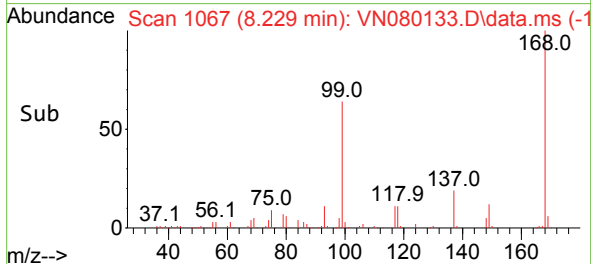
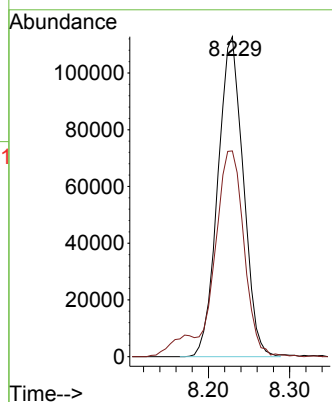
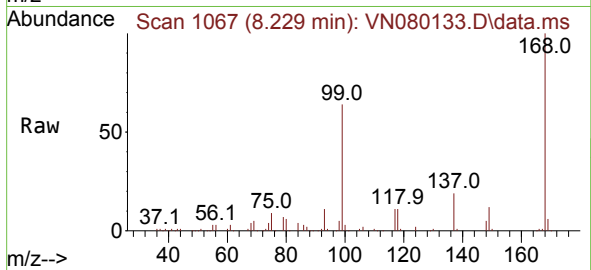
ClientSampleId :

Tgt Ion:168 Resp: 246041

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 4.748 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080133.D

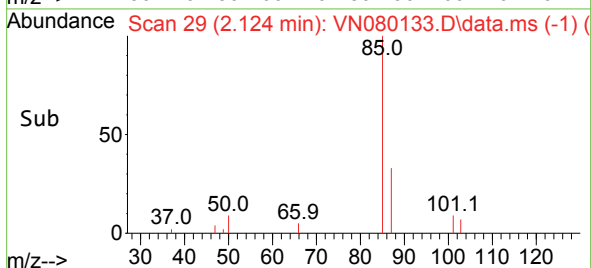
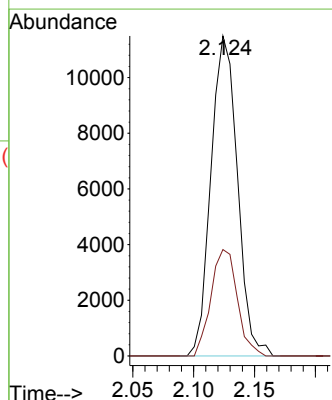
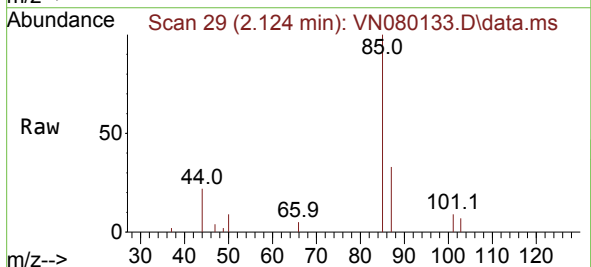
Acq: 16 Nov 2023 13:09

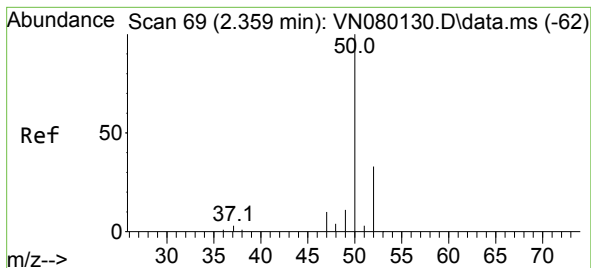
Tgt Ion: 85 Resp: 17401

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4





#3

Chloromethane

Concen: 4.946 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

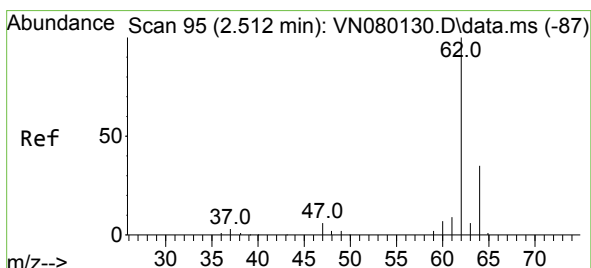
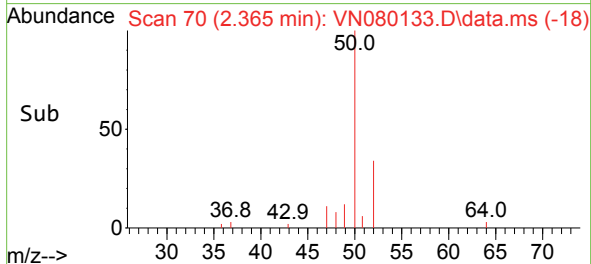
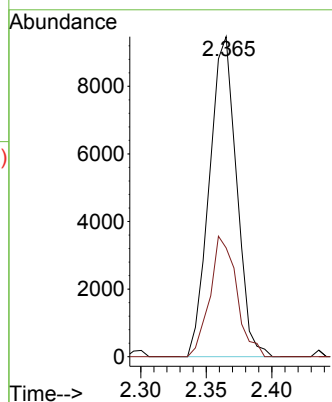
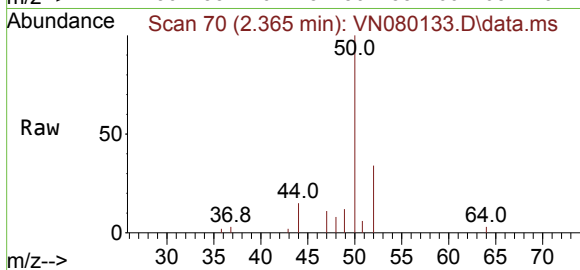
ClientSampleId :

Tgt Ion: 50 Resp: 13628

Ion Ratio Lower Upper

50 100

52 34.0 26.5 39.7



#4

Vinyl Chloride

Concen: 5.120 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080133.D

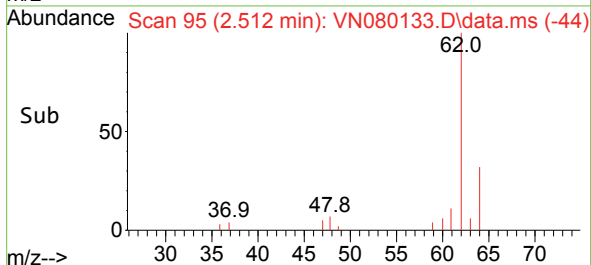
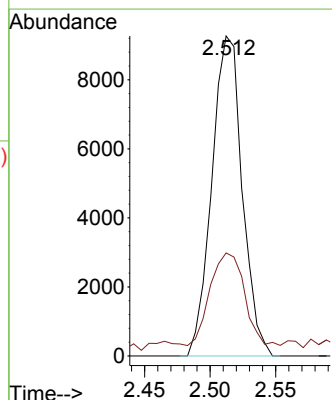
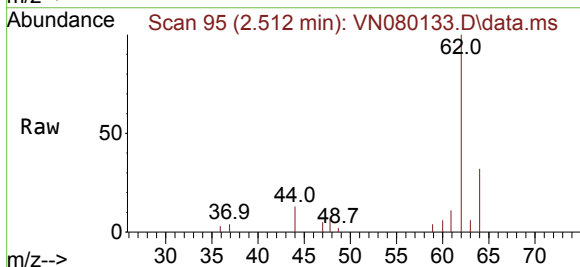
Acq: 16 Nov 2023 13:09

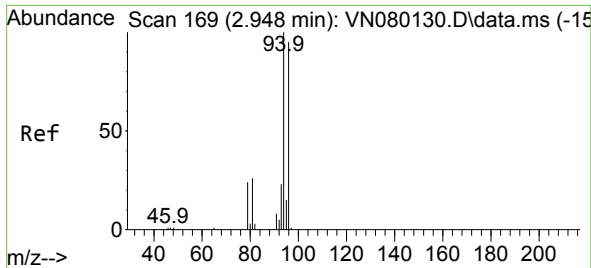
Tgt Ion: 62 Resp: 14931

Ion Ratio Lower Upper

62 100

64 28.9 26.2 39.2

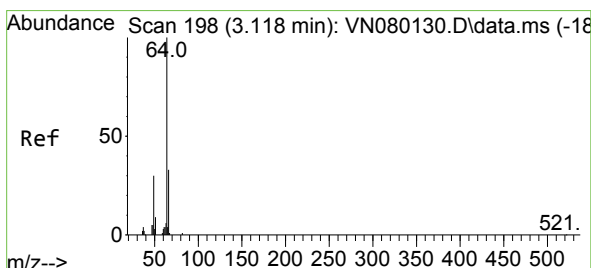
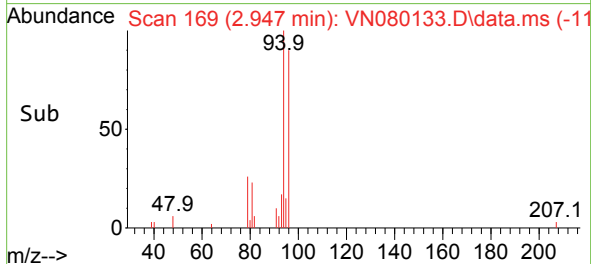
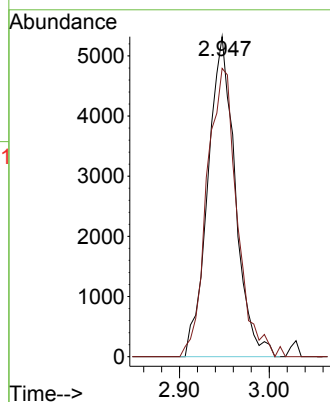
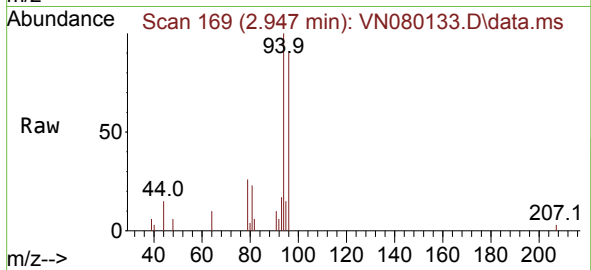




#5
Bromomethane
Concen: 5.691 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

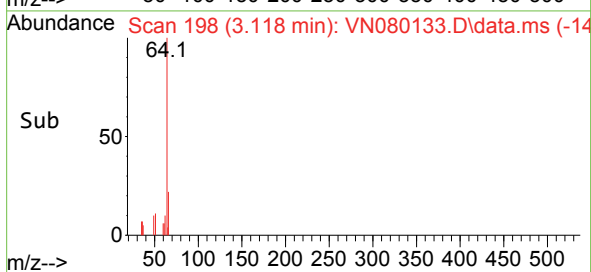
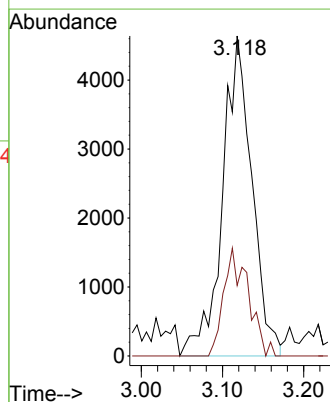
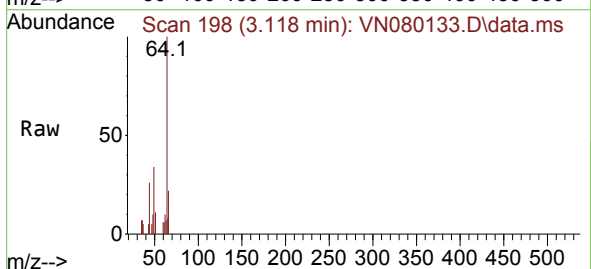
Instrument :
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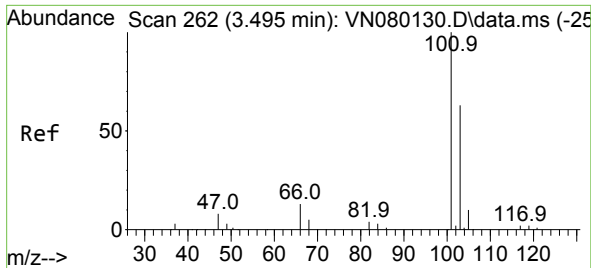
Tgt Ion: 94 Resp: 11265
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7



#6
Chloroethane
Concen: 5.284 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 64 Resp: 11697
Ion Ratio Lower Upper
64 100
66 22.0 25.4 38.2#

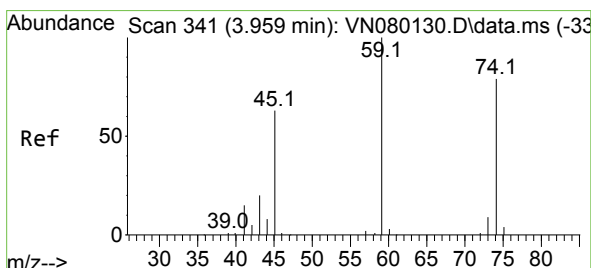
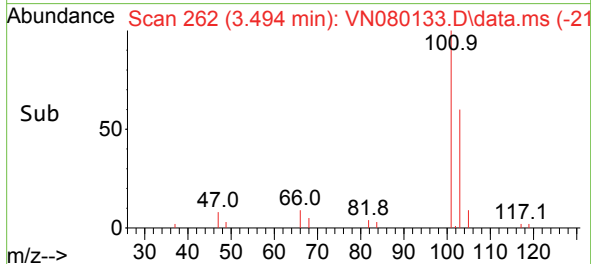
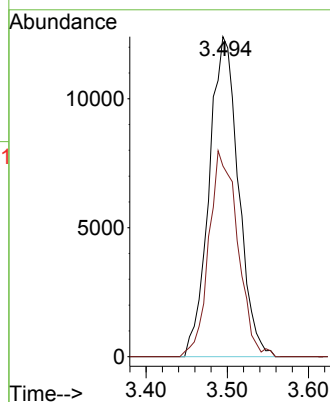
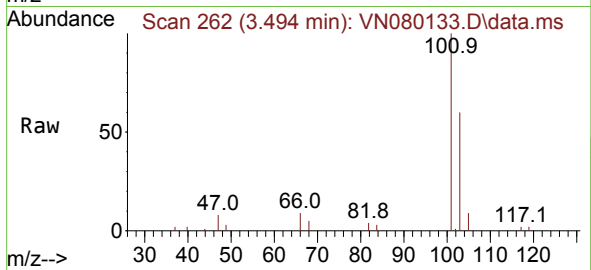




#7
 Trichlorofluoromethane
 Concen: 5.127 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

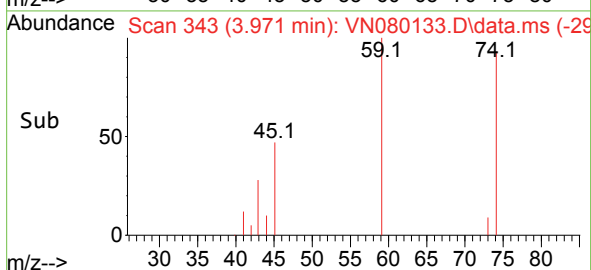
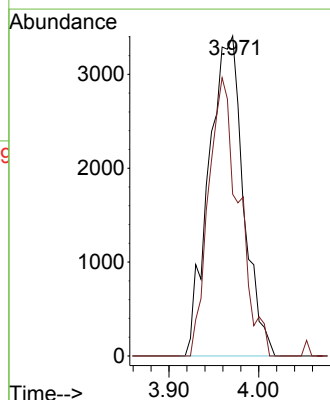
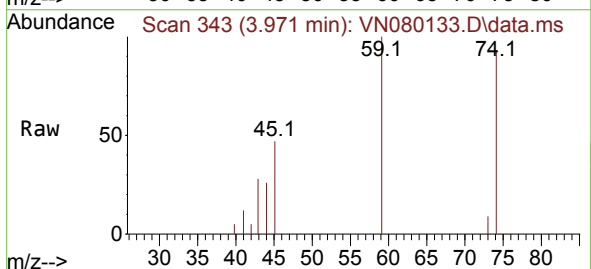
Instrument :
 MSVOA_N
 ClientSampleId :

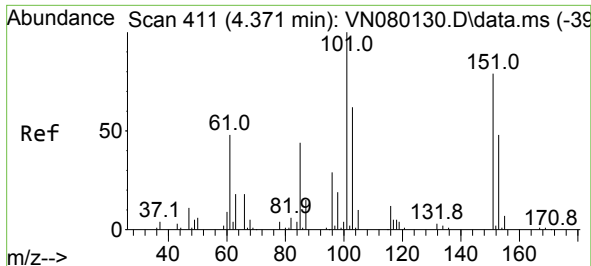
Tgt Ion:101 Resp: 31185
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 5.153 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 74 Resp: 9116
 Ion Ratio Lower Upper
 74 100
 45 76.6 34.4 103.3

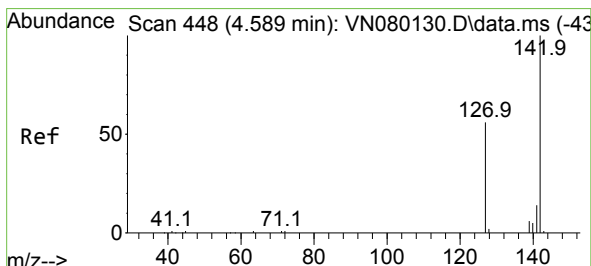
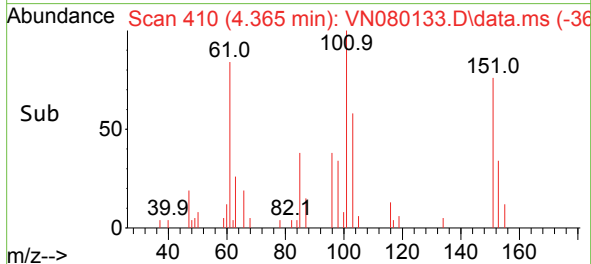
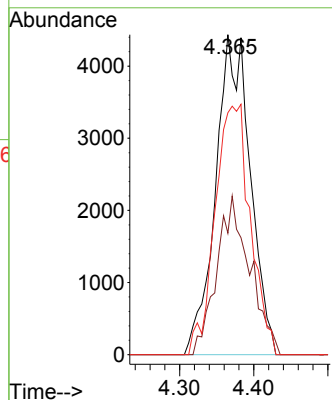
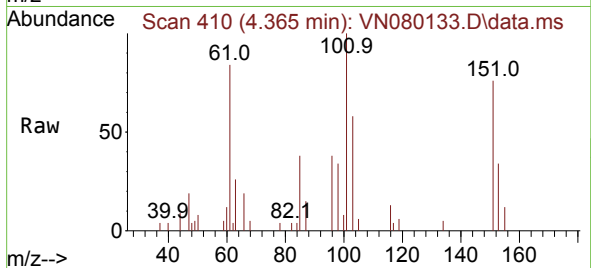




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.153 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

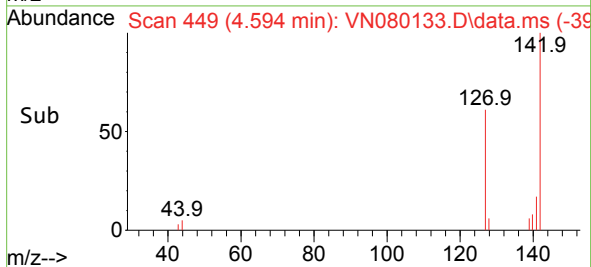
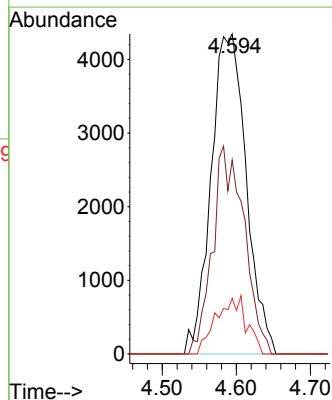
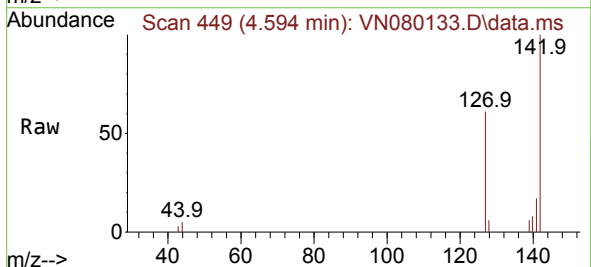
Instrument :
MSVOA_N
ClientSampleId :

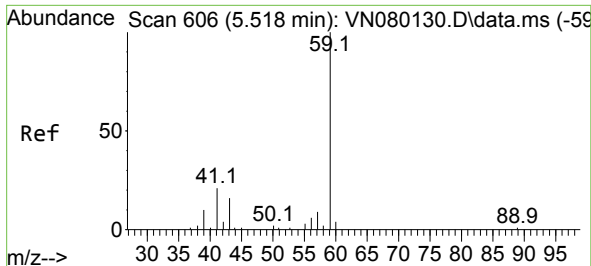
Tgt Ion:101 Resp: 14327
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 80.1 57.6 86.4



#10
Methyl Iodide
Concen: 4.773 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion:142 Resp: 14342
Ion Ratio Lower Upper
142 100
127 60.6 37.6 56.4#
141 17.4 11.4 17.0#

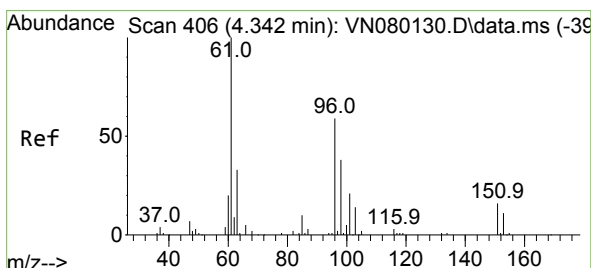
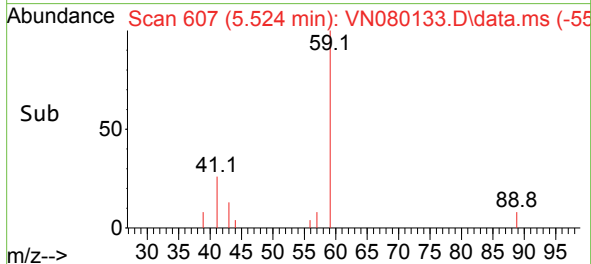
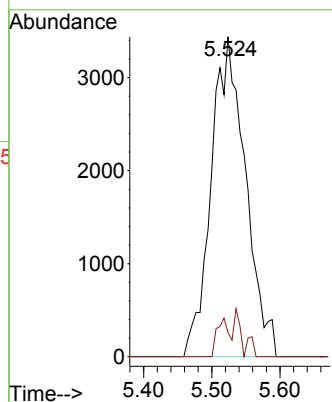
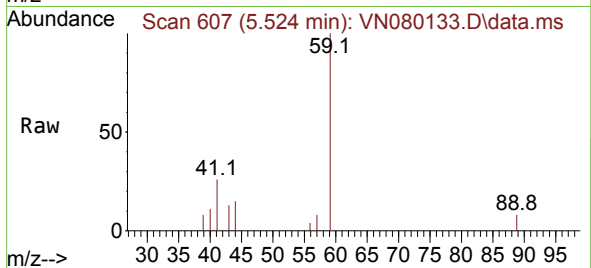




#11
Tert butyl alcohol
Concen: 26.979 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

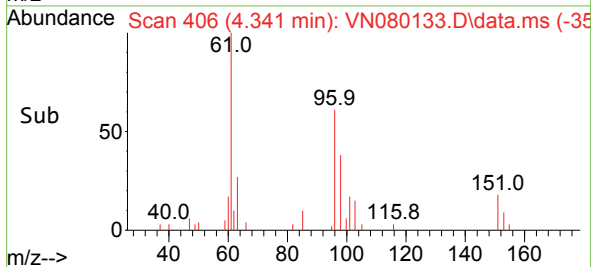
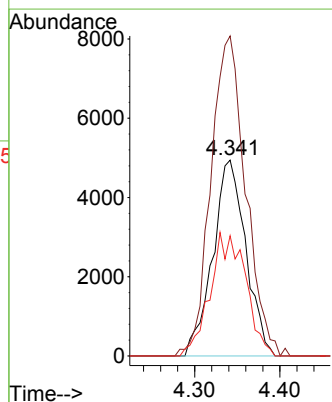
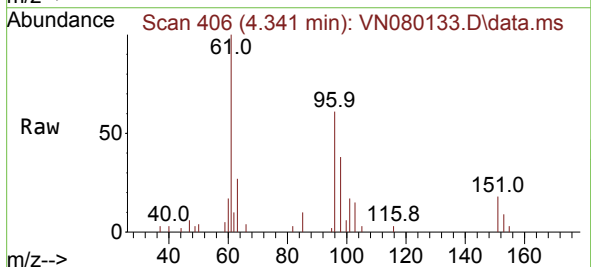
Instrument :
MSVOA_N
ClientSampleId :

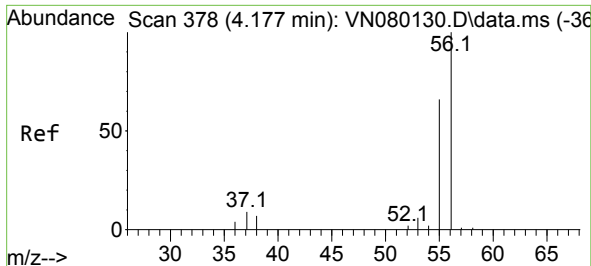
Tgt Ion: 59 Resp: 12053
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 5.127 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

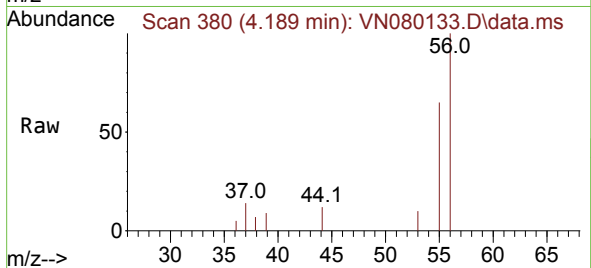
Tgt Ion: 96 Resp: 13333
Ion Ratio Lower Upper
96 100
61 163.4 112.7 169.1
98 61.4 51.2 76.8



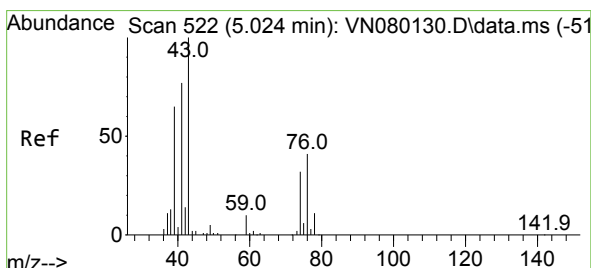
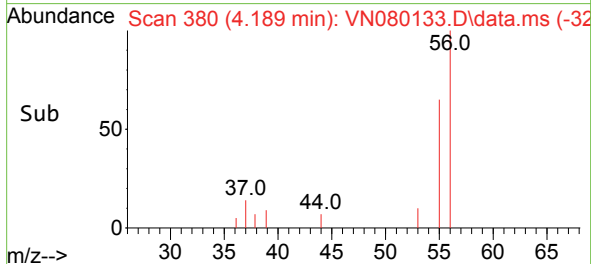
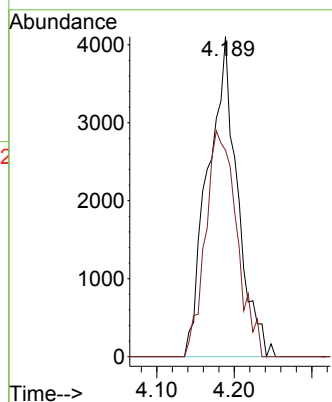


#13
Acrolein
Concen: 27.397 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

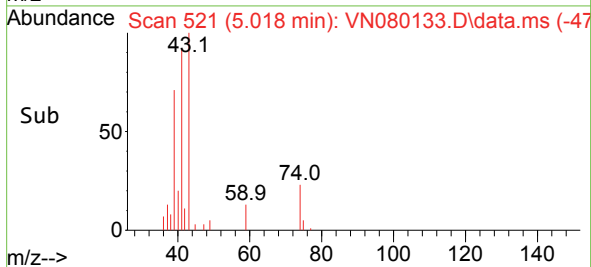
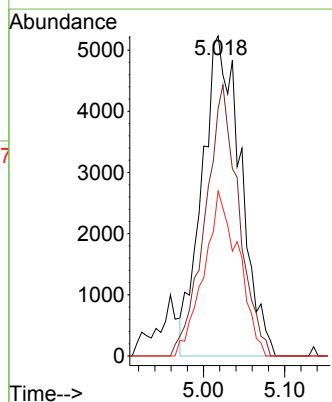
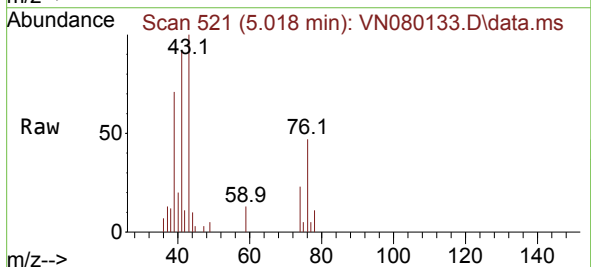


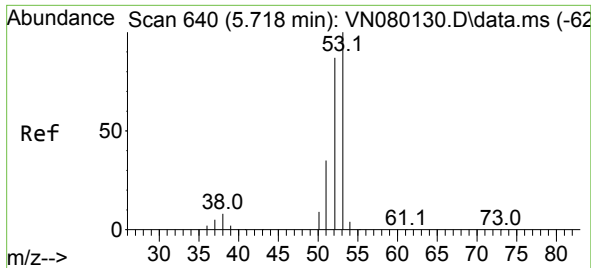
Tgt Ion: 56 Resp: 10832
Ion Ratio Lower Upper
56 100
55 75.0 54.5 81.7



#14
Allyl chloride
Concen: 5.275 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 41 Resp: 17258
Ion Ratio Lower Upper
41 100
39 73.6 58.8 88.2
76 46.3 39.1 58.7

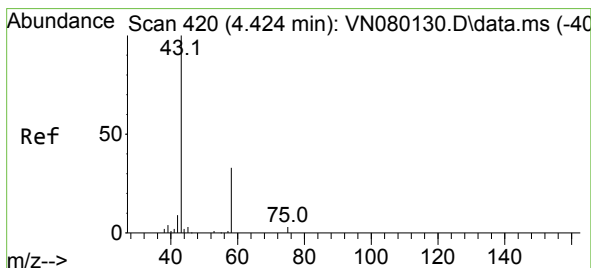
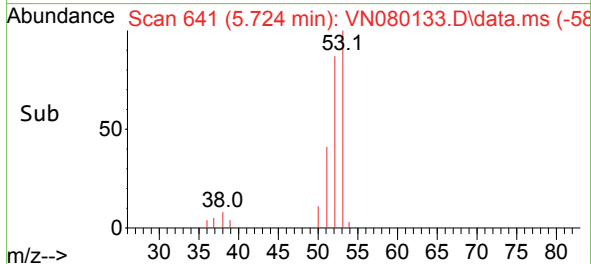
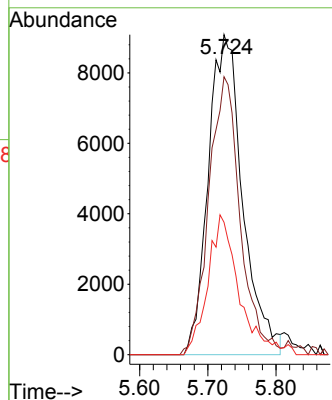
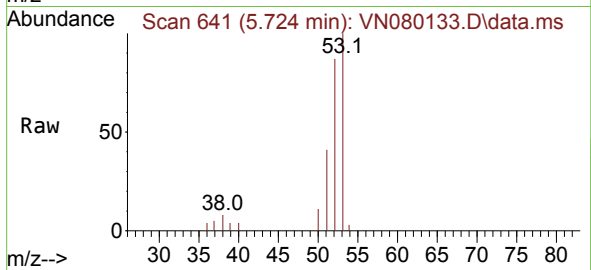




#15
 Acrylonitrile
 Concen: 26.593 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

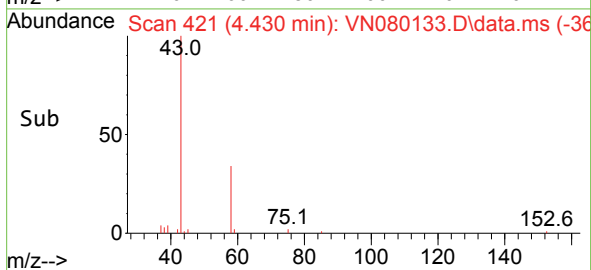
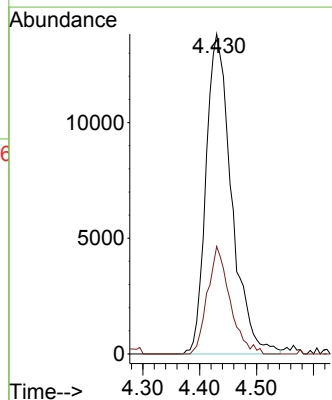
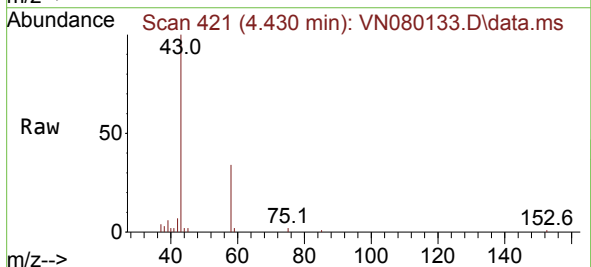
Instrument :
 MSVOA_N
 ClientSampleId :

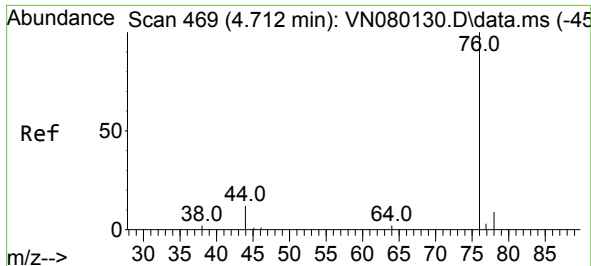
Tgt Ion: 53	Resp: 31894
Ion Ratio	Lower Upper
53 100	
52 79.3	65.3 97.9
51 39.8	28.9 43.3



#16
 Acetone
 Concen: 31.567 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 43	Resp: 43073
Ion Ratio	Lower Upper
43 100	
58 33.6	28.0 42.0

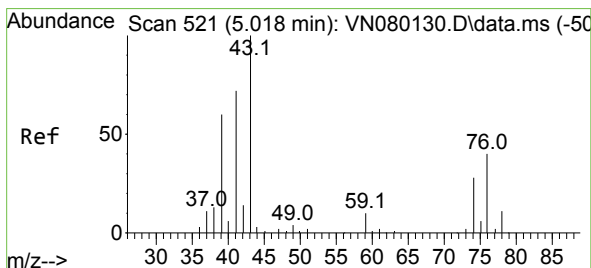
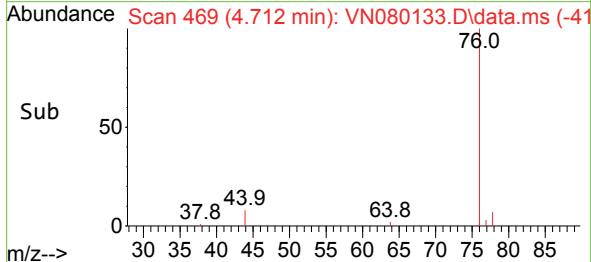
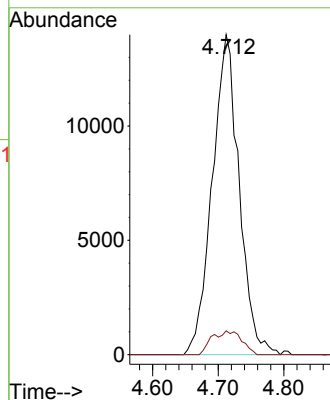
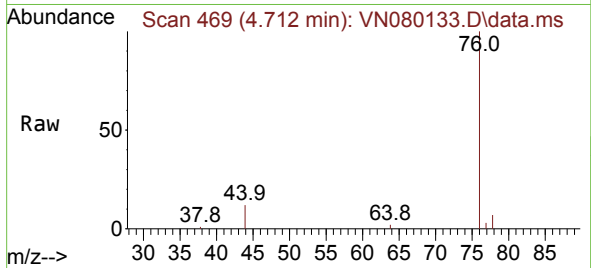




#17
Carbon Disulfide
Concen: 5.121 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

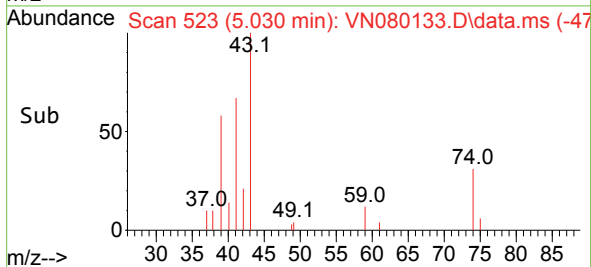
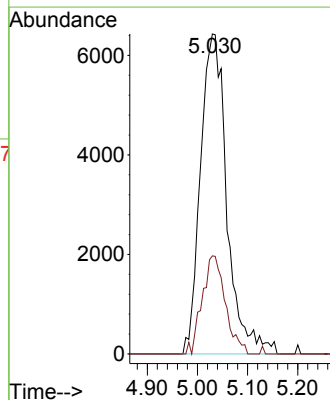
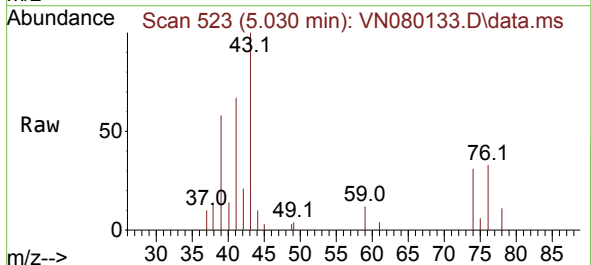
Instrument :
MSVOA_N
ClientSampleId :

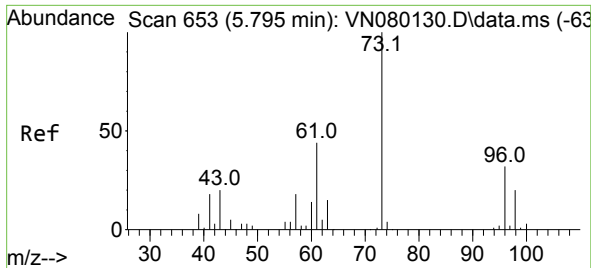
Tgt Ion: 76 Resp: 39765
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#18
Methyl Acetate
Concen: 5.364 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 43 Resp: 23515
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

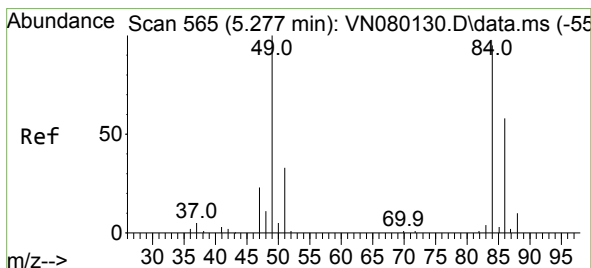
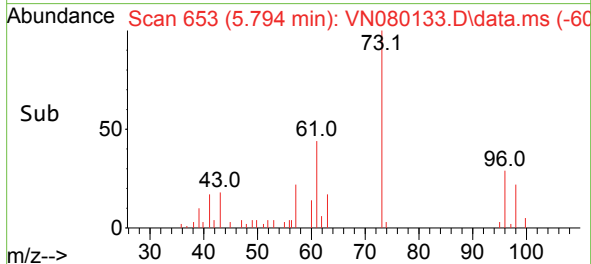
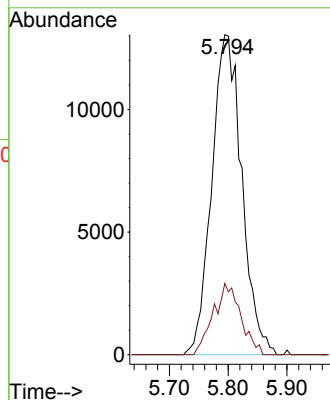
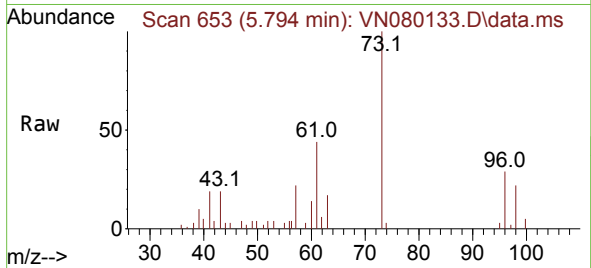




#19
Methyl tert-butyl Ether
Concen: 5.031 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

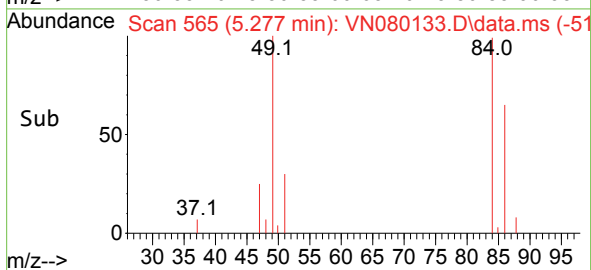
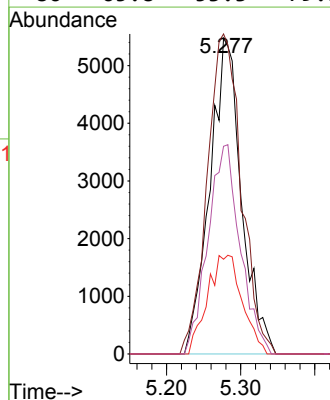
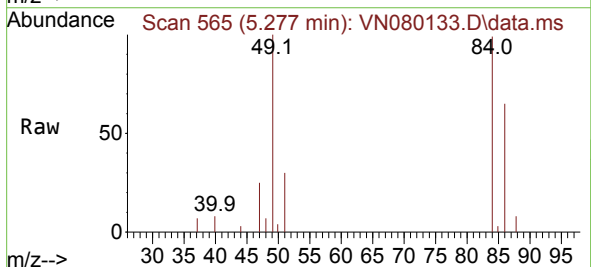
Instrument :
MSVOA_N
ClientSampleId :

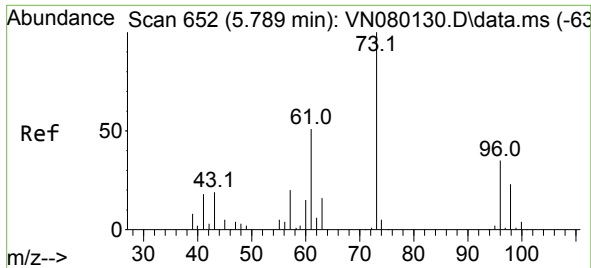
Tgt Ion: 73 Resp: 46203
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 5.700 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 84 Resp: 16289
Ion Ratio Lower Upper
84 100
49 101.4 79.7 119.5
51 30.0 25.2 37.8
86 65.8 53.3 79.9

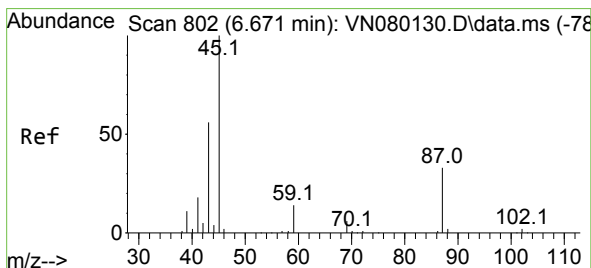
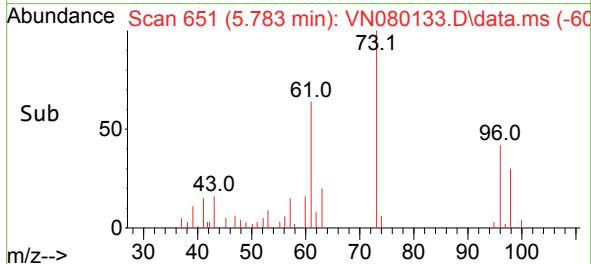
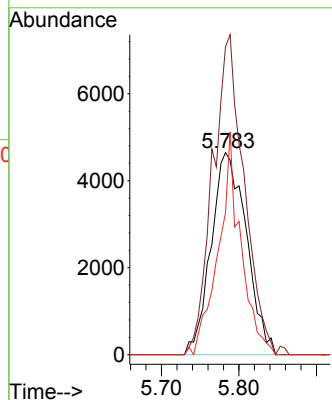
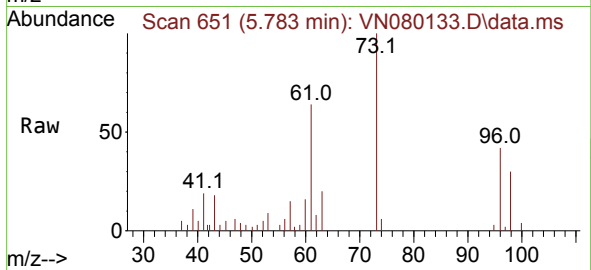




#21
trans-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

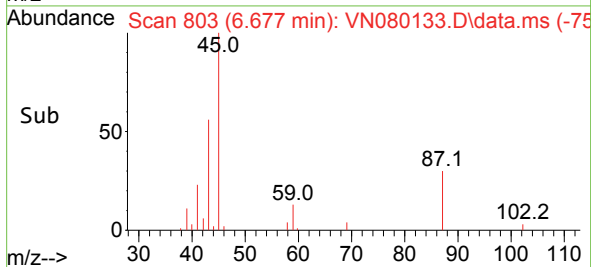
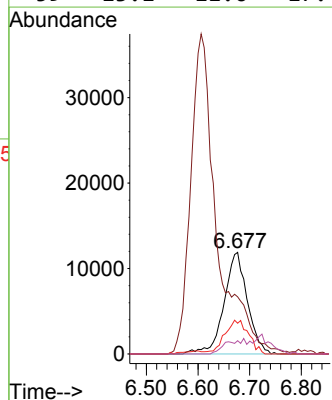
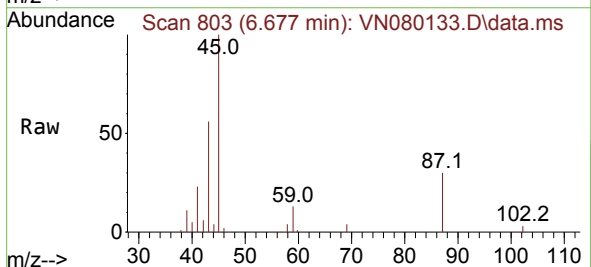
Instrument :
MSVOA_N
ClientSampleId :

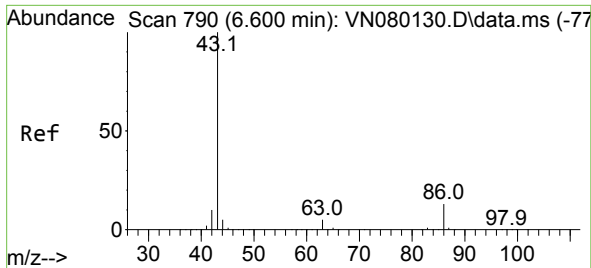
Tgt Ion: 96 Resp: 14708
Ion Ratio Lower Upper
96 100
61 152.4 90.1 135.1#
98 70.2 46.4 69.6#



#22
Diisopropyl ether
Concen: 5.152 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 45 Resp: 37294
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 30.3 31.8 47.8#
59 13.1 11.6 17.4

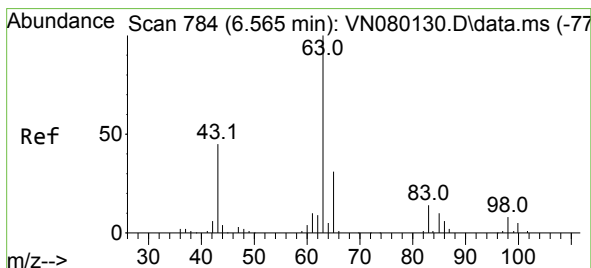
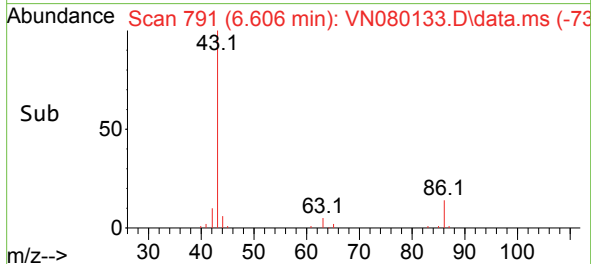
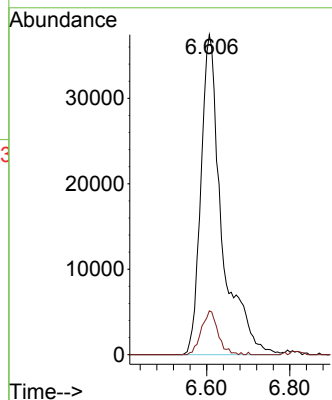
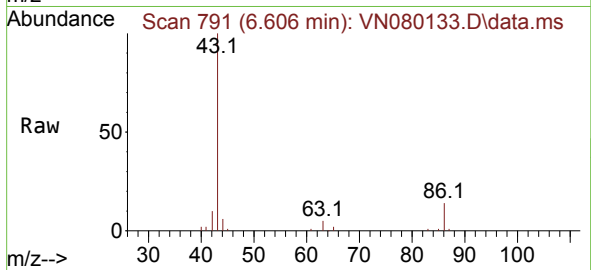




#23
 Vinyl Acetate
 Concen: 30.154 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

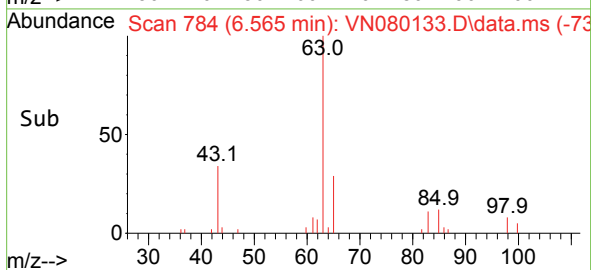
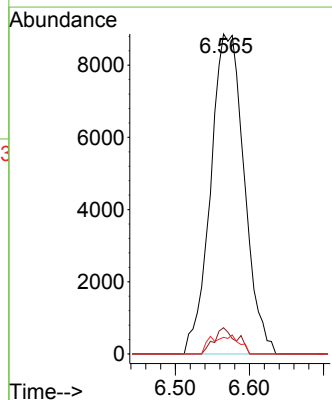
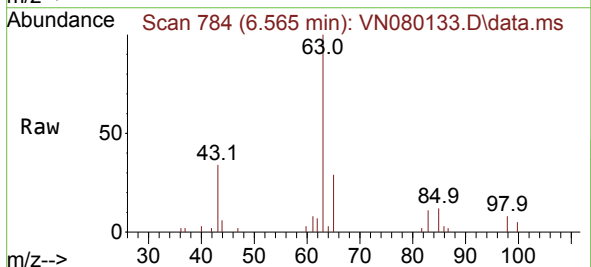
Instrument :
 MSVOA_N
 ClientSampleId :

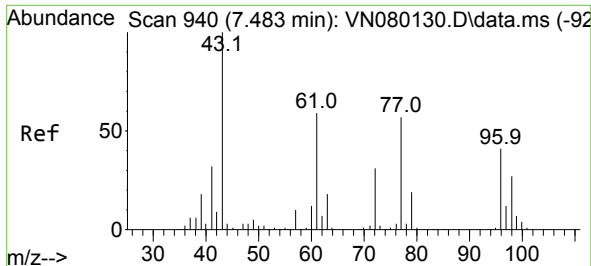
Tgt Ion: 43 Resp: 131213
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 5.283 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 63 Resp: 27855
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.2 2.5 7.4





#25

2-Butanone

Concen: 30.183 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

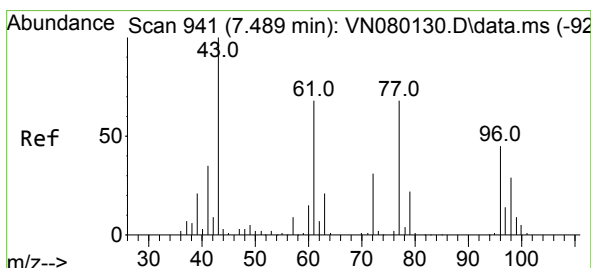
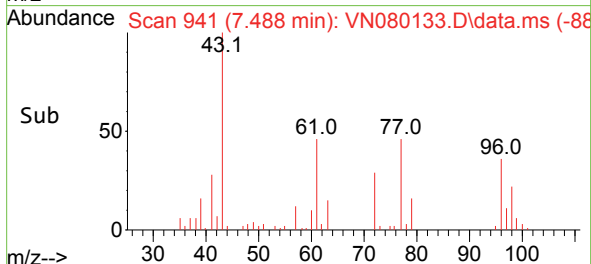
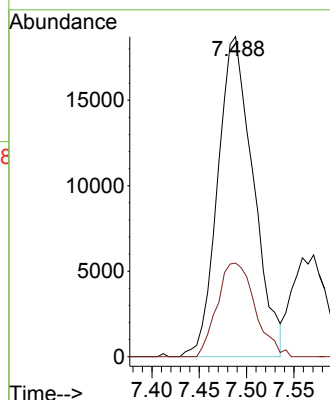
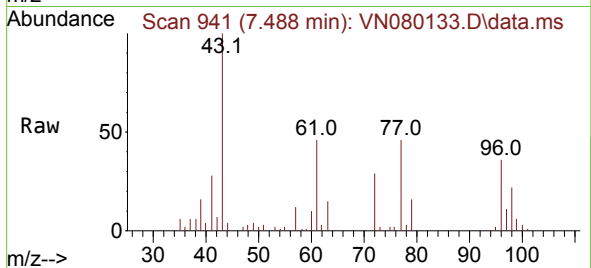
ClientSampleId :

Tgt Ion: 43 Resp: 48932

Ion Ratio Lower Upper

43 100

72 29.2 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 5.029 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN080133.D

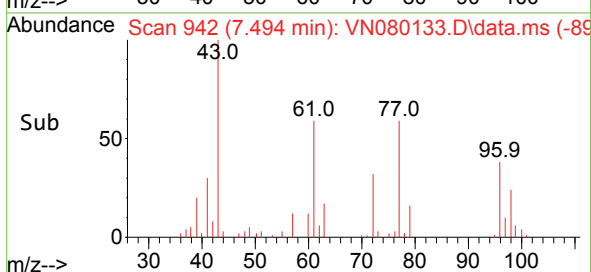
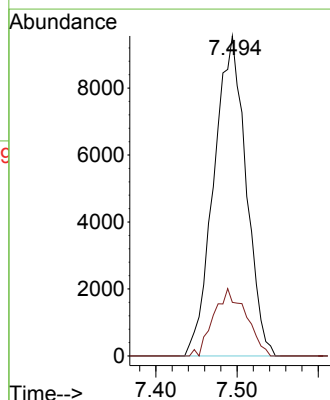
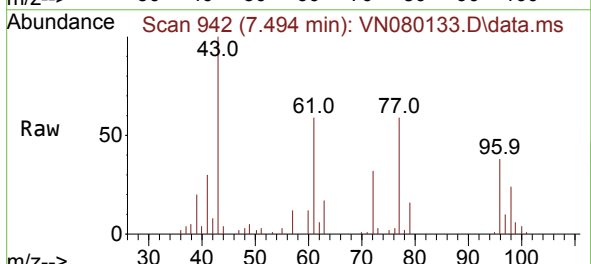
Acq: 16 Nov 2023 13:09

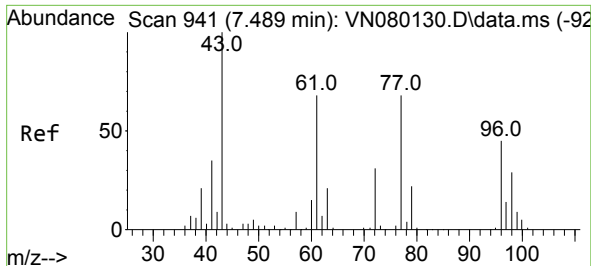
Tgt Ion: 77 Resp: 26306

Ion Ratio Lower Upper

77 100

97 21.2 11.2 33.6

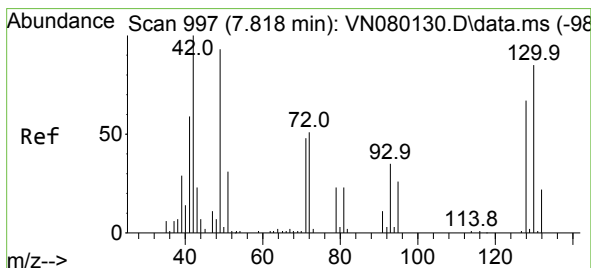
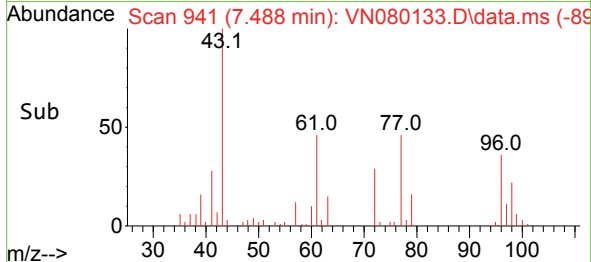
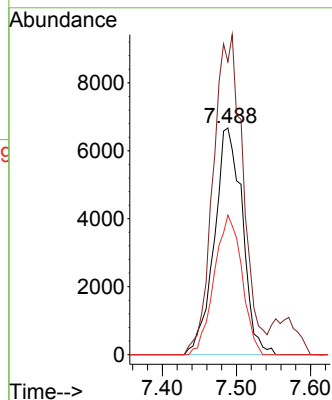
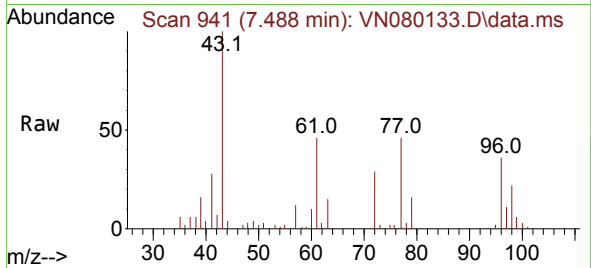




#27
 cis-1,2-Dichloroethene
 Concen: 5.423 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

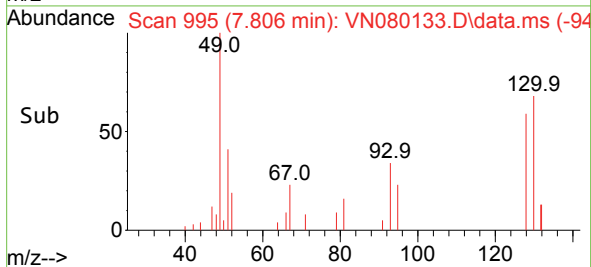
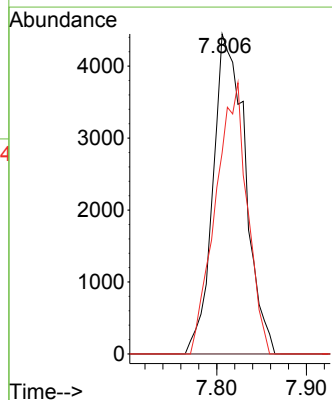
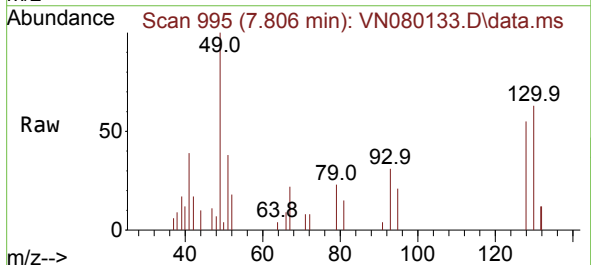
Instrument :
 MSVOA_N
 ClientSampleId :

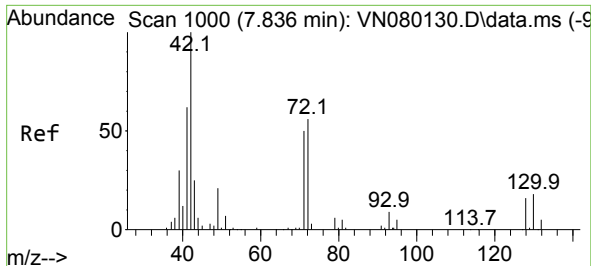
Tgt Ion: 96 Resp: 17566
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 255.2
 98 60.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.356 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.012 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 49 Resp: 11101
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 83.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 26.567 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

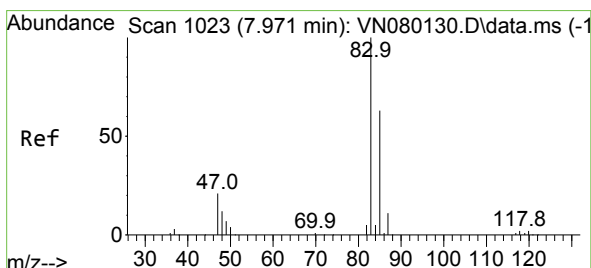
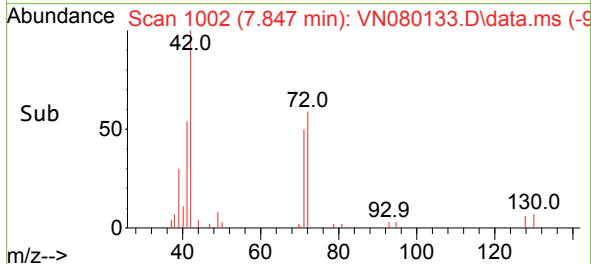
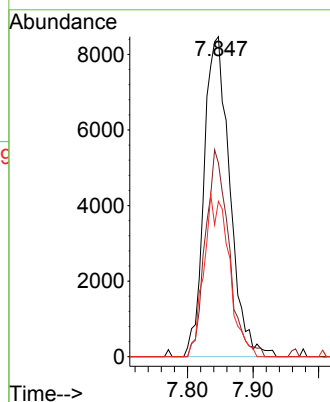
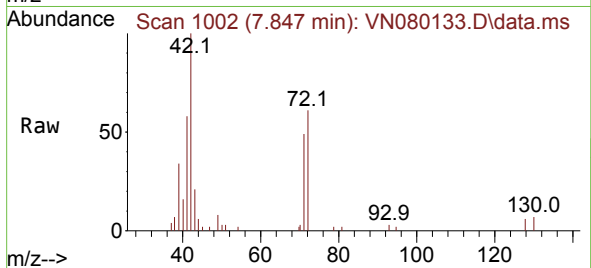
Tgt Ion: 42 Resp: 23123

Ion Ratio Lower Upper

42 100

72 58.7 49.8 74.6

71 49.6 47.4 71.2



#30

Chloroform

Concen: 5.187 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080133.D

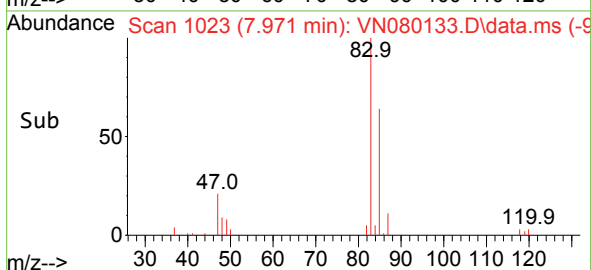
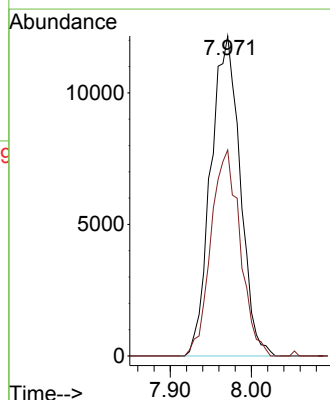
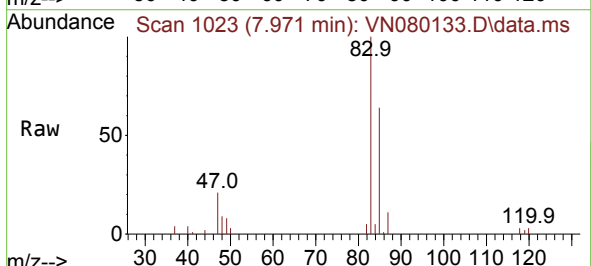
Acq: 16 Nov 2023 13:09

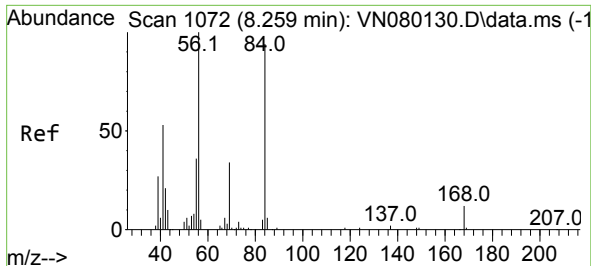
Tgt Ion: 83 Resp: 30567

Ion Ratio Lower Upper

83 100

85 64.3 55.4 83.0

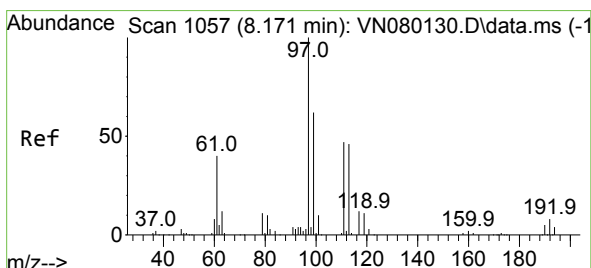
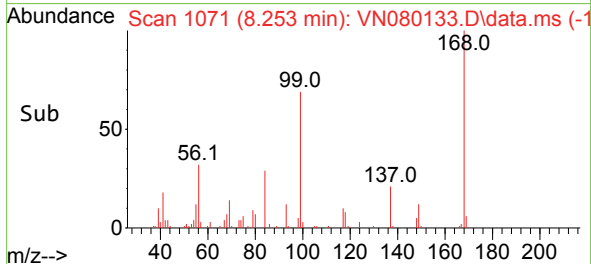
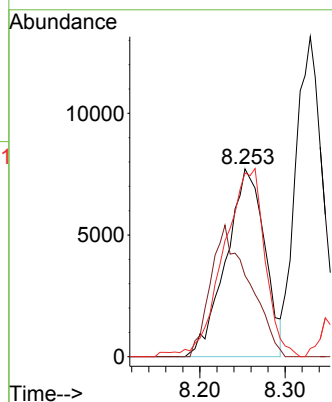
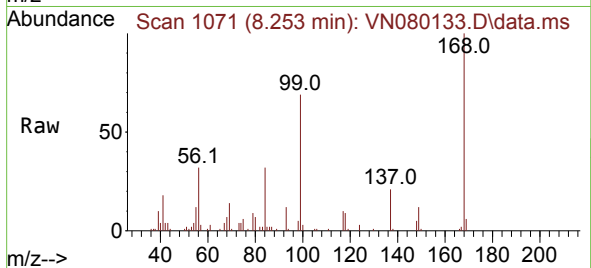




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

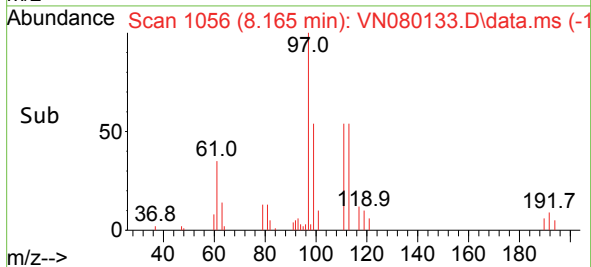
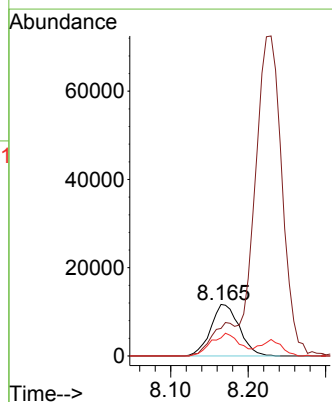
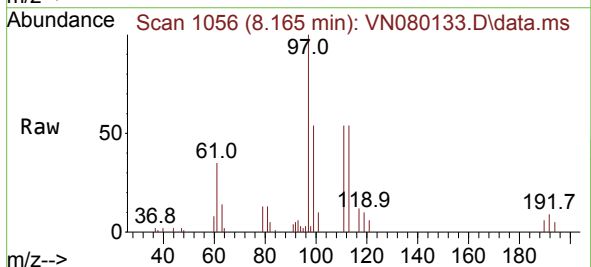
Instrument :
MSVOA_N
ClientSampleId :

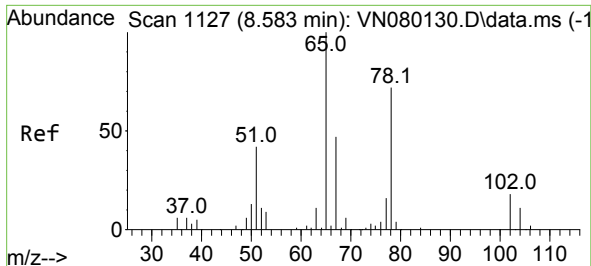
Tgt Ion: 56 Resp: 24387
Ion Ratio Lower Upper
56 100
69 43.2 26.8 40.2#
84 95.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.189 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 97 Resp: 29817
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.139 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

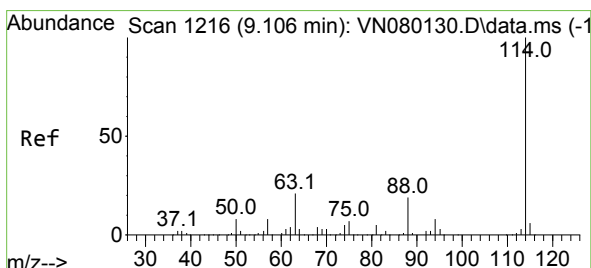
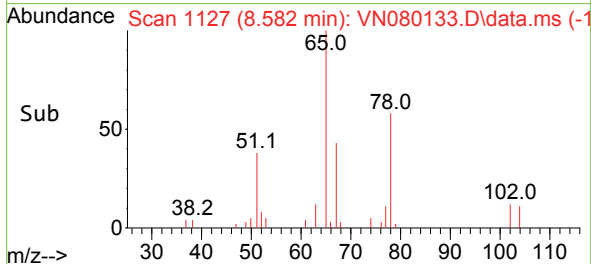
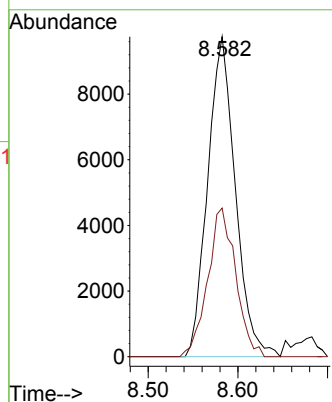
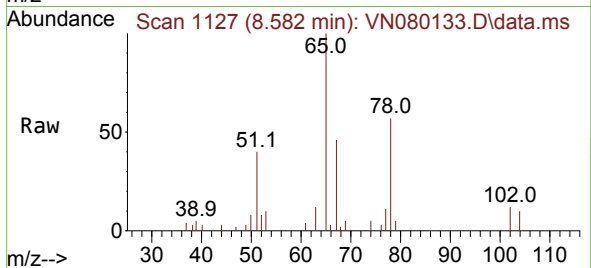
ClientSampleId :

Tgt Ion: 65 Resp: 20876

Ion Ratio Lower Upper

65 100

67 46.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

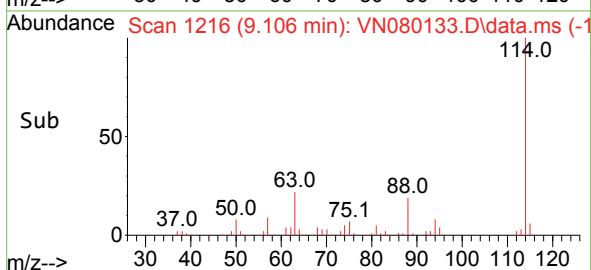
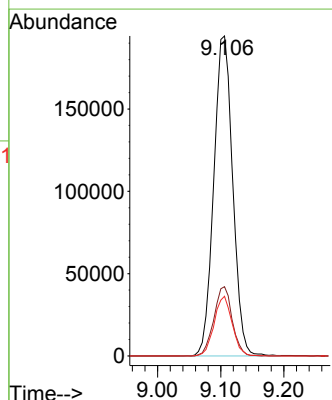
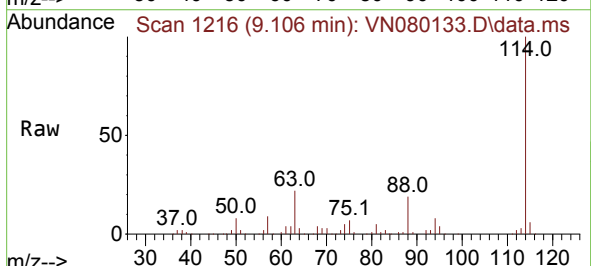
Tgt Ion: 114 Resp: 405200

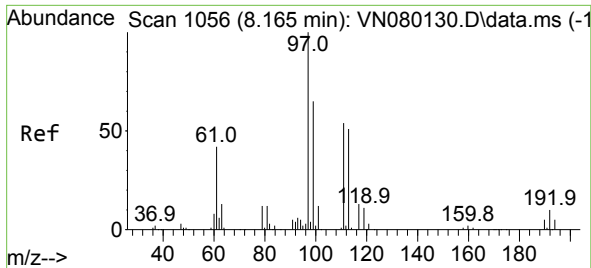
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 18.6 0.0 30.6

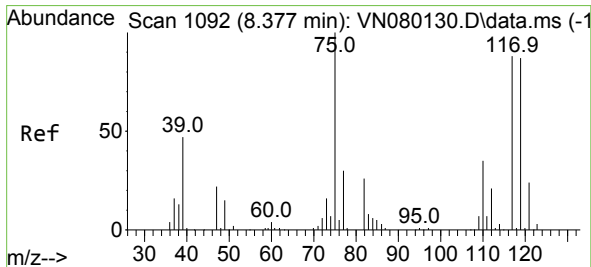
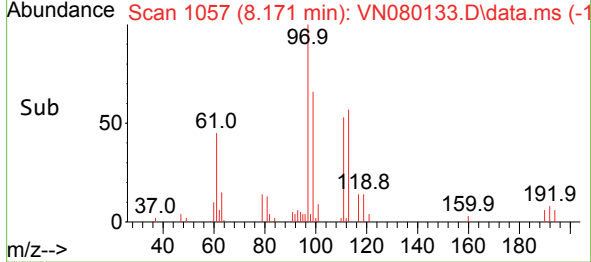
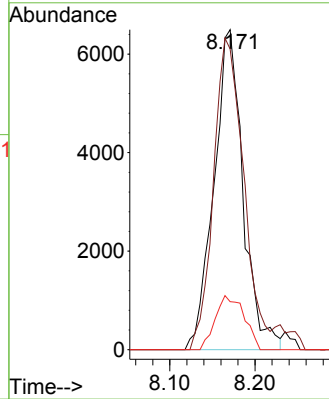
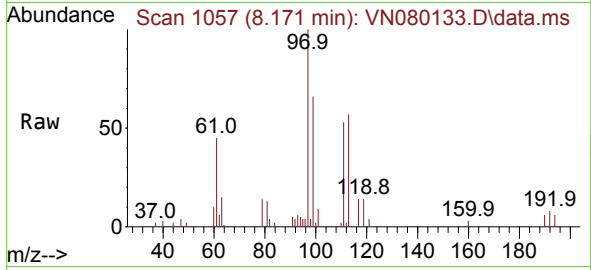




#35
Dibromofluoromethane
Concen: 5.151 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

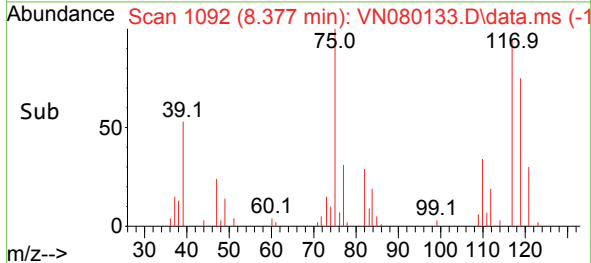
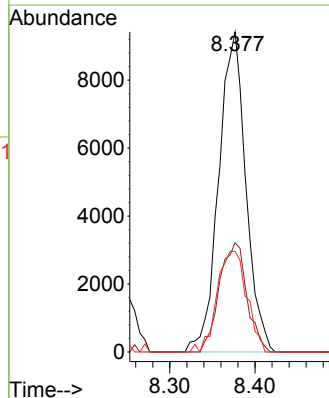
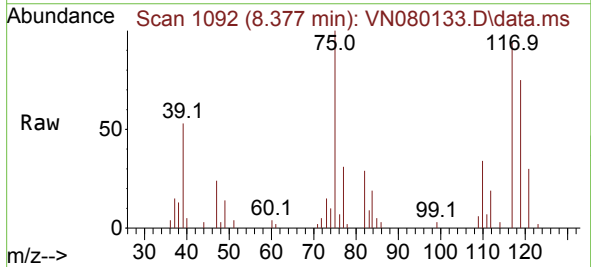
Instrument :
MSVOA_N
ClientSampleId :

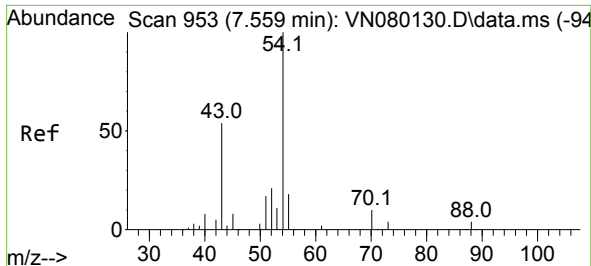
Tgt Ion:113 Resp: 15401
Ion Ratio Lower Upper
113 100
111 100.5 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 75 Resp: 20858
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 34.4 25.0 37.4

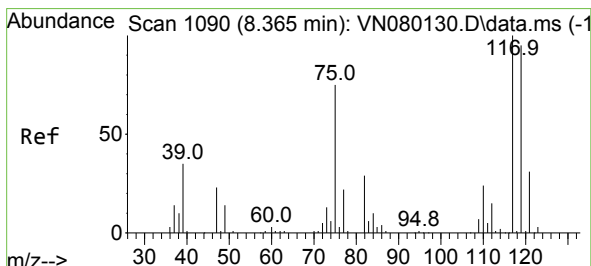
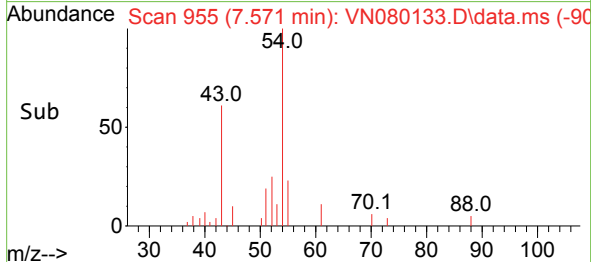
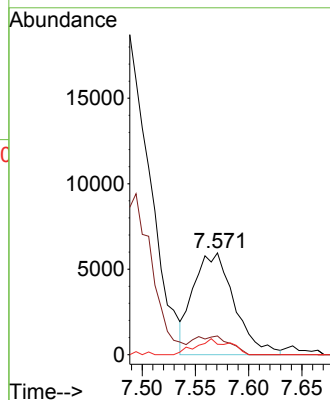
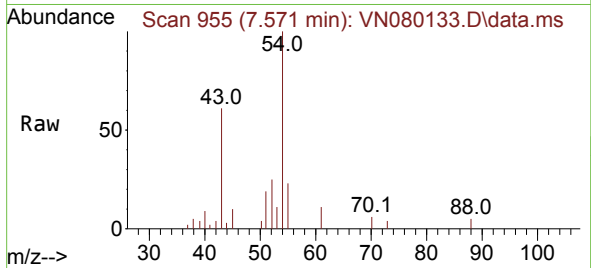




#37
Ethyl Acetate
Concen: 5.302 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

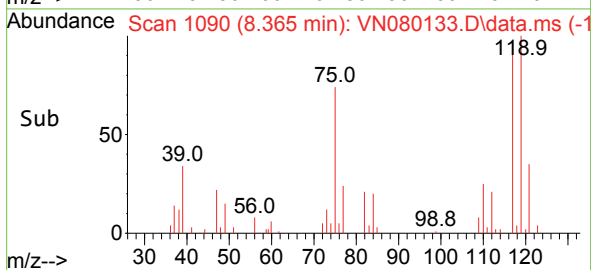
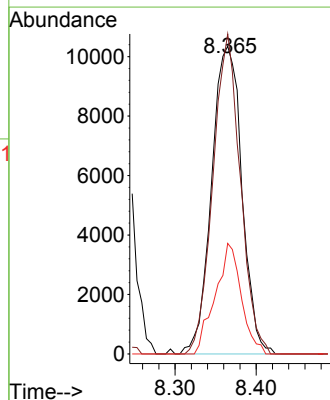
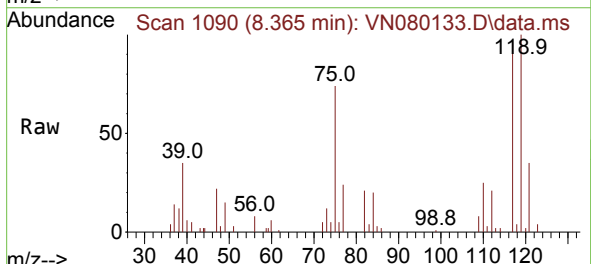
Instrument :
MSVOA_N
ClientSampleId :

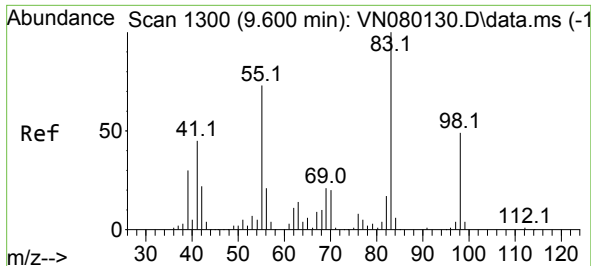
Tgt Ion: 43 Resp: 15918
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 12.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 4.879 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 117 Resp: 26799
Ion Ratio Lower Upper
117 100
119 104.0 77.3 115.9
121 35.9 23.3 34.9#





#39

Methylcyclohexane

Concen: 4.761 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

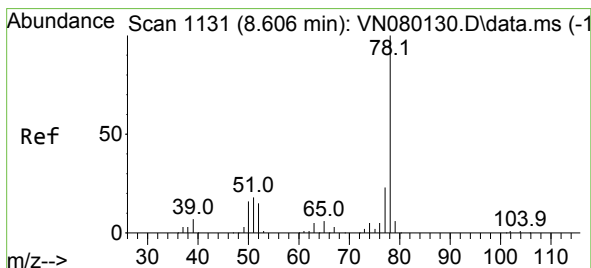
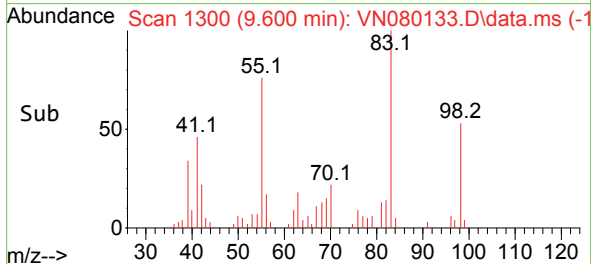
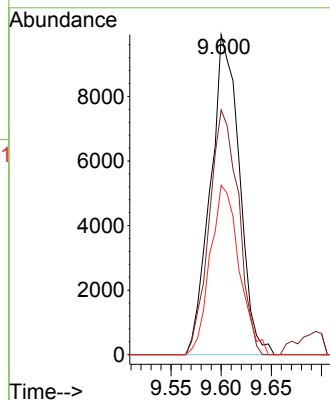
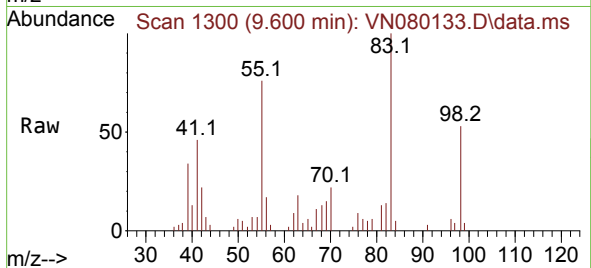
Tgt Ion: 83 Resp: 19870

Ion Ratio Lower Upper

83 100

55 76.5 49.1 73.7#

98 53.0 40.6 61.0



#40

Benzene

Concen: 5.124 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080133.D

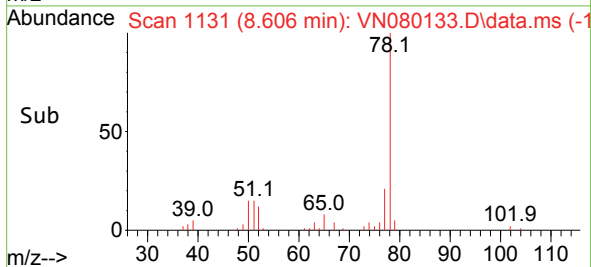
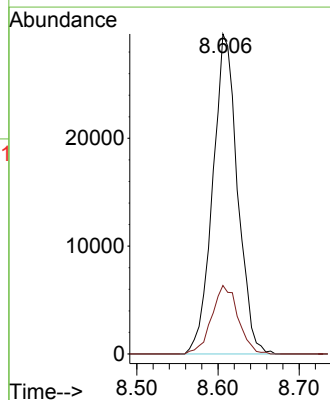
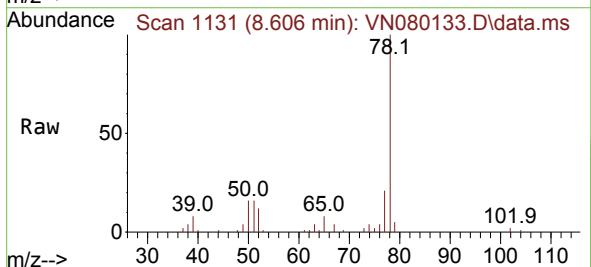
Acq: 16 Nov 2023 13:09

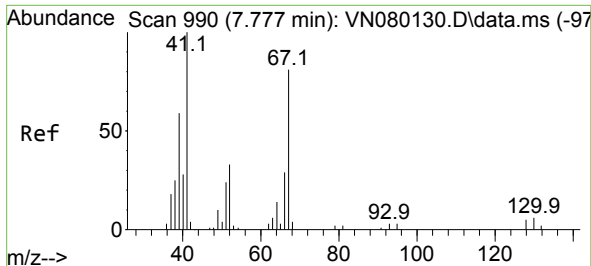
Tgt Ion: 78 Resp: 63035

Ion Ratio Lower Upper

78 100

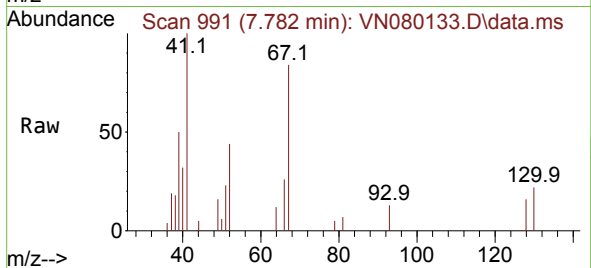
77 21.4 19.0 28.6



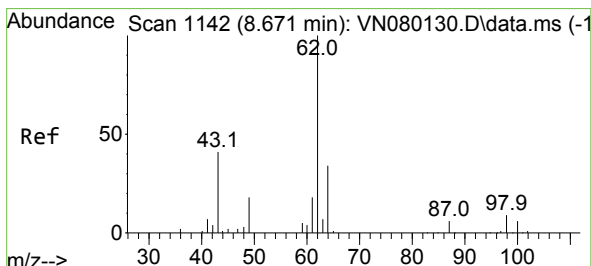
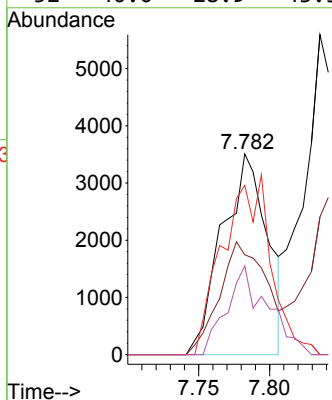
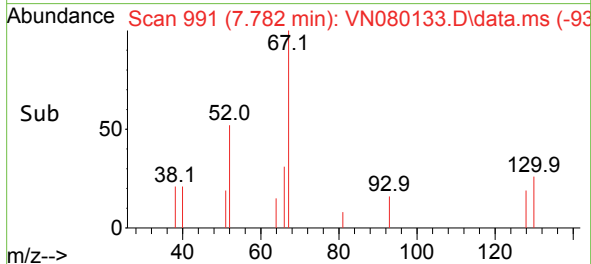


#41
Methacrylonitrile
Concen: 4.709 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

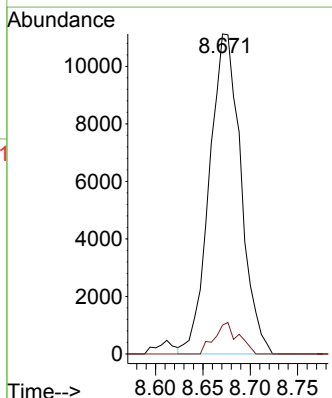
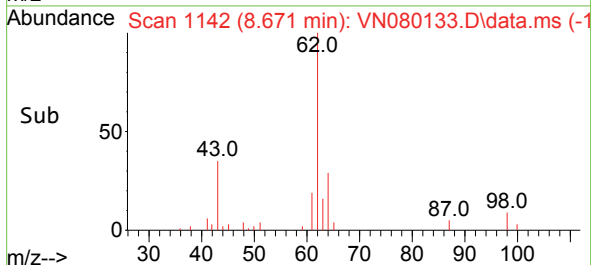
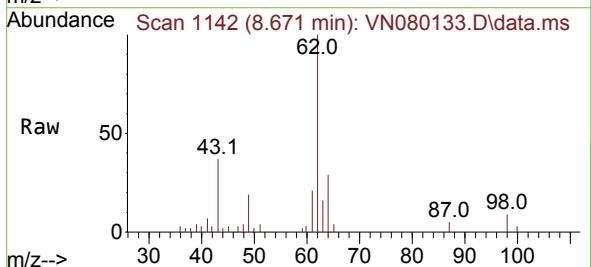


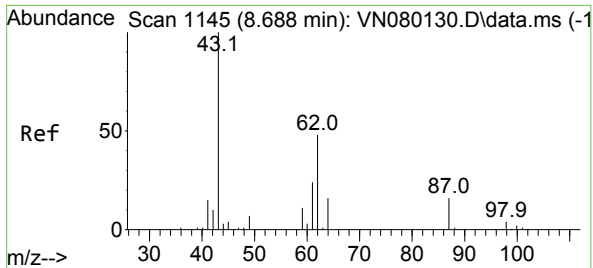
Tgt Ion:	41	Resp:	7764
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.6	64.0
67	94.2	77.5	116.3
52	40.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 5.106 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion:	62	Resp:	25698
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	19.8

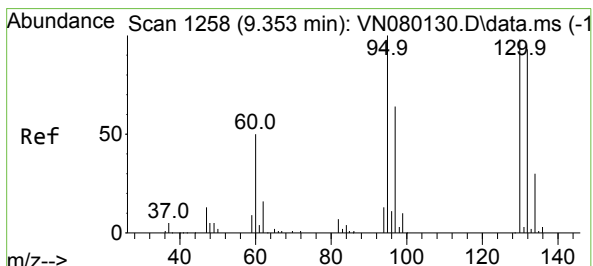
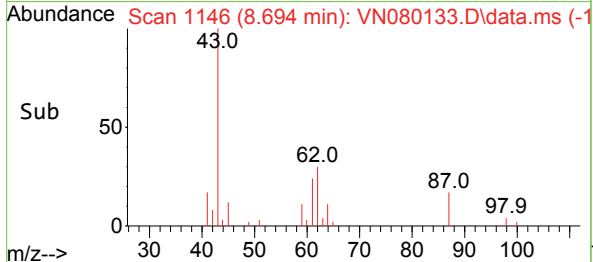
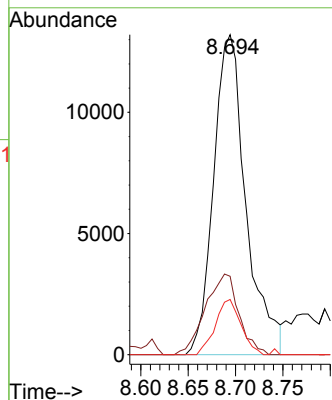
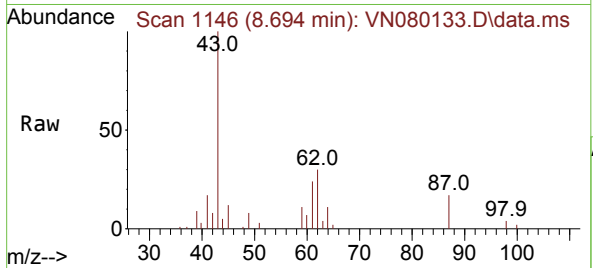




#43
Isopropyl Acetate
Concen: 5.376 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

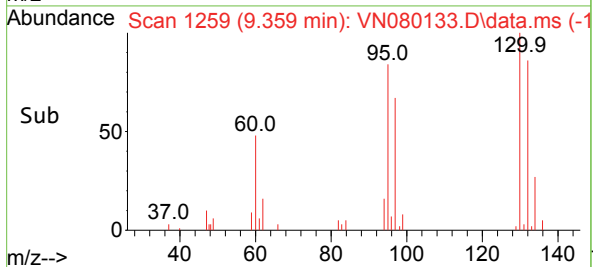
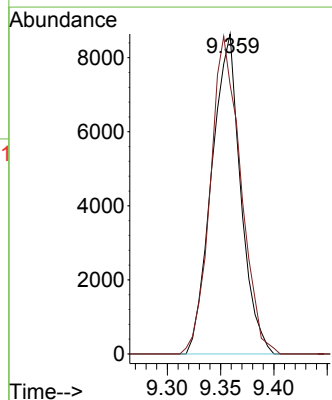
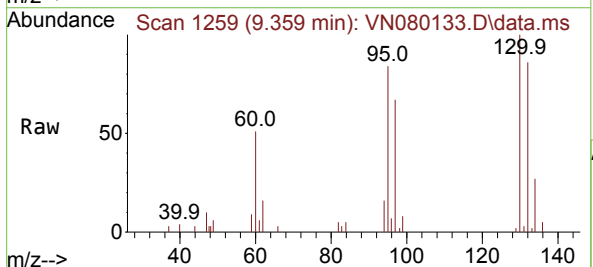
Instrument :
MSVOA_N
ClientSampleId :

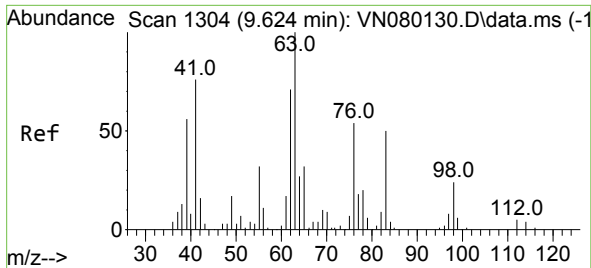
Tgt Ion: 43 Resp: 31412
Ion Ratio Lower Upper
43 100
61 26.0 24.7 37.1
87 13.6 14.6 21.8#



#44
Trichloroethene
Concen: 5.059 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion:130 Resp: 16327
Ion Ratio Lower Upper
130 100
95 84.1 0.0 204.6

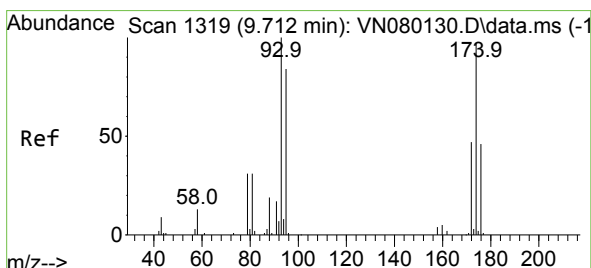
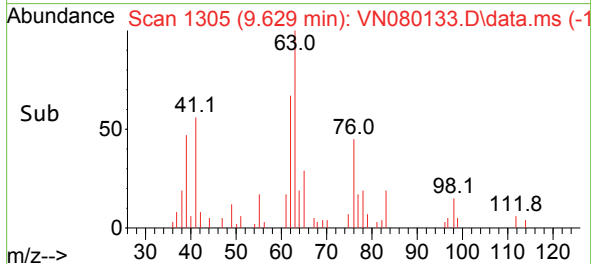
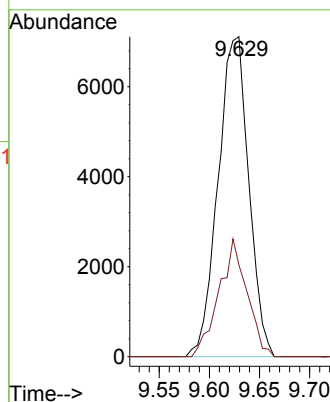
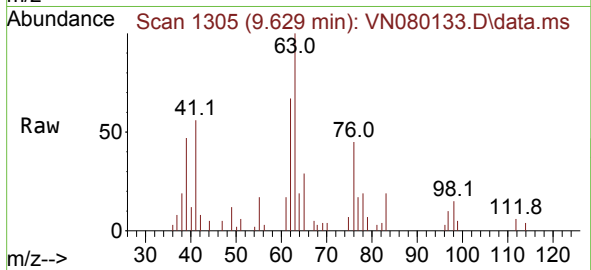




#45
1,2-Dichloropropane
Concen: 5.297 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

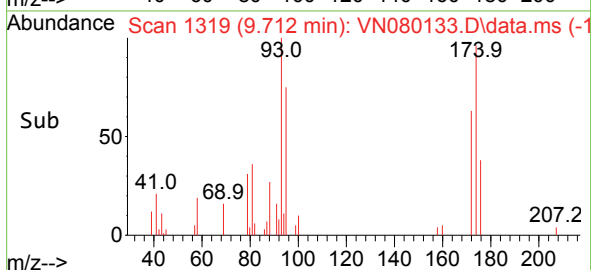
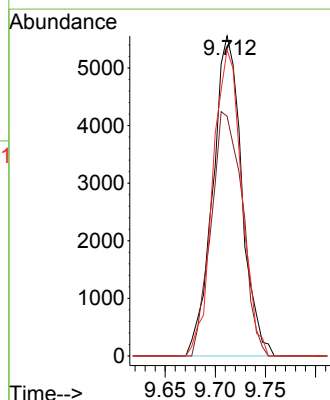
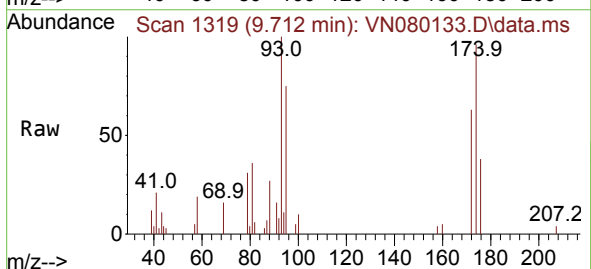
Instrument :
MSVOA_N
ClientSampleId :

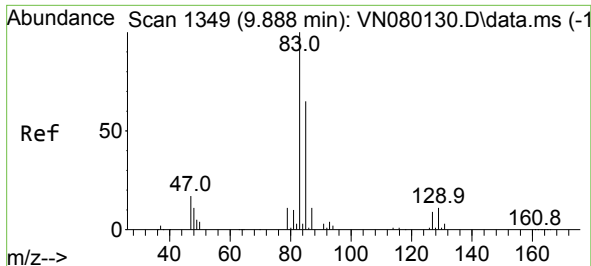
Tgt Ion: 63 Resp: 15145
Ion Ratio Lower Upper
63 100
65 28.7 23.9 35.9



#46
Dibromomethane
Concen: 5.147 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 93 Resp: 11139
Ion Ratio Lower Upper
93 100
95 82.2 63.8 95.8
174 95.4 65.6 98.4





#47

Bromodichloromethane

Concen: 5.051 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080133.D

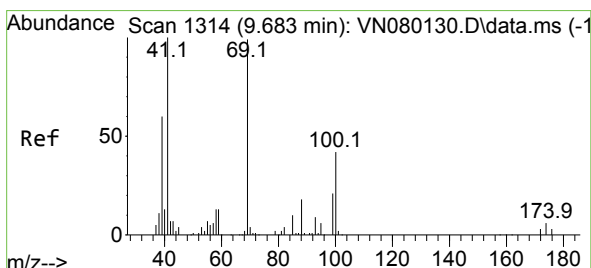
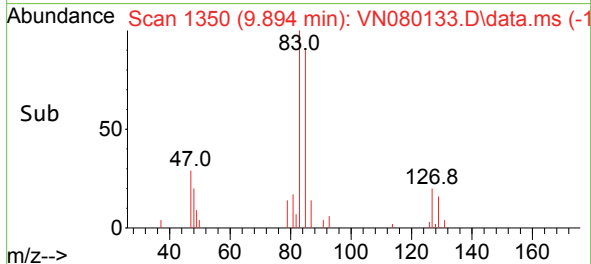
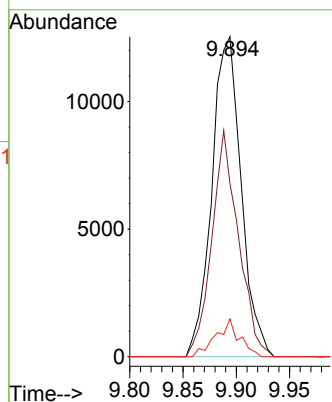
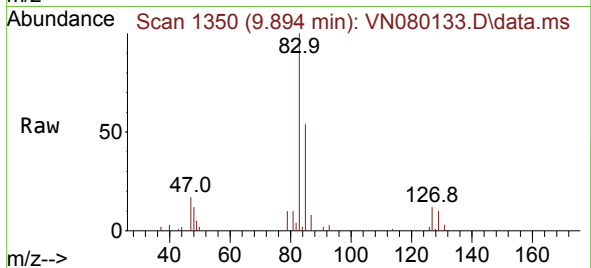
Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 24048
Ion Ratio	Lower Upper
83	100
85	54.1 49.6 74.4
127	11.8 7.0 10.6



#48

Methyl methacrylate

Concen: 5.051 ug/l

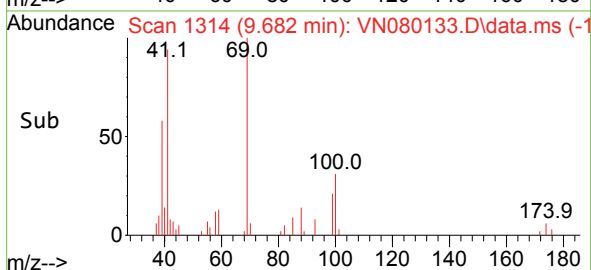
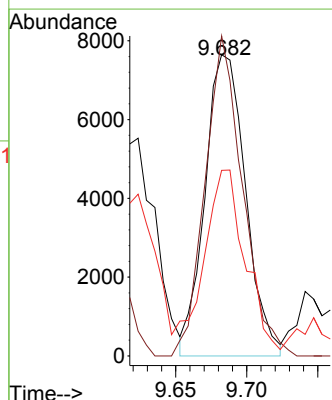
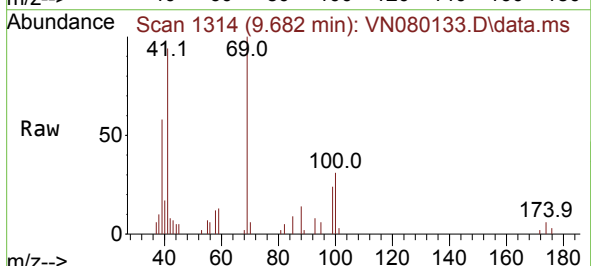
RT: 9.682 min Scan# 1314

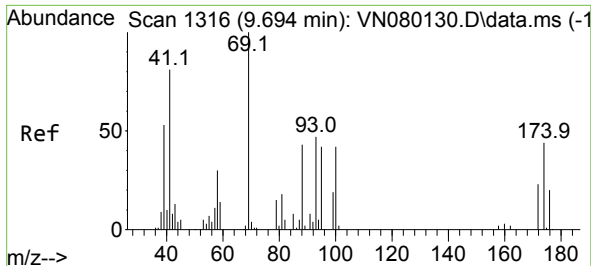
Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion: 41	Resp: 15209
Ion Ratio	Lower Upper
41	100
69	98.2 90.4 135.6
39	61.8 54.6 81.8





#49

1,4-Dioxane

Concen: 107.761 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

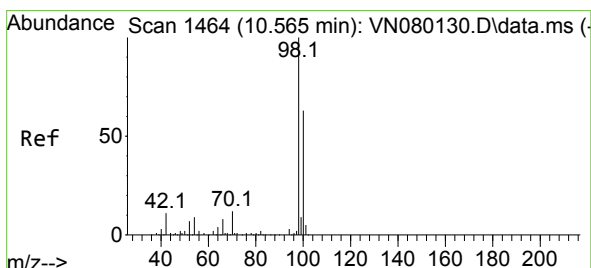
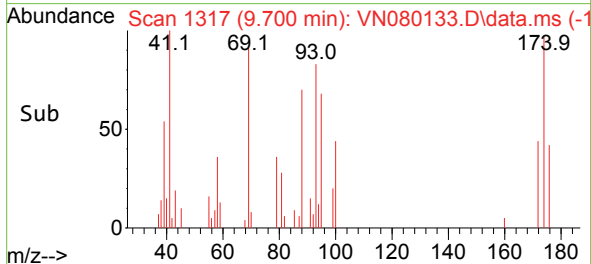
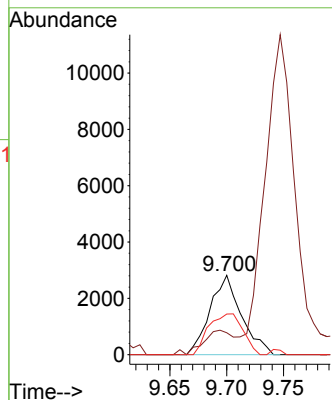
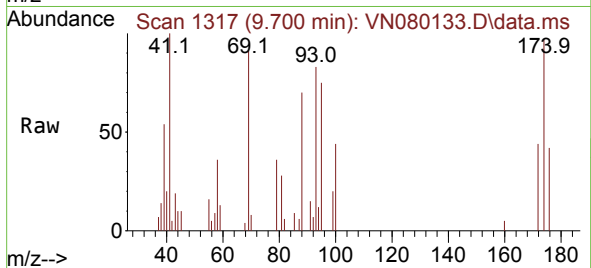
Tgt Ion: 88 Resp: 5398

Ion Ratio Lower Upper

88 100

43 28.6 17.0 25.6#

58 56.1 47.0 70.4



#50

Toluene-d8

Concen: 4.783 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080133.D

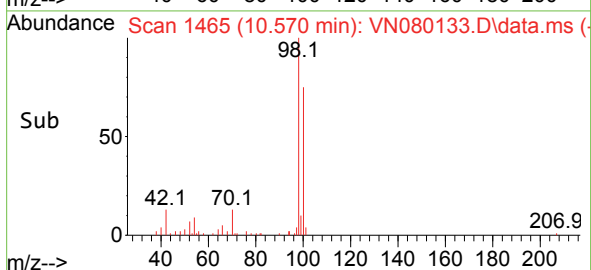
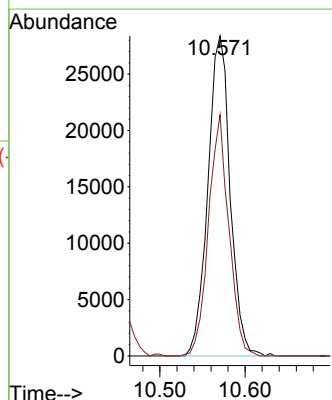
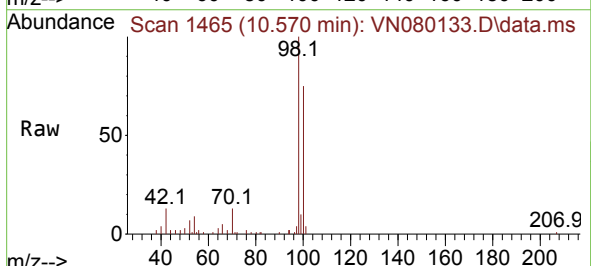
Acq: 16 Nov 2023 13:09

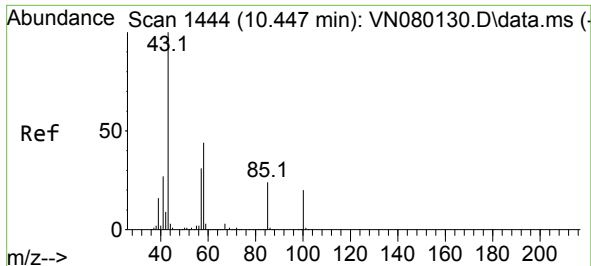
Tgt Ion: 98 Resp: 51547

Ion Ratio Lower Upper

98 100

100 68.8 52.0 78.0

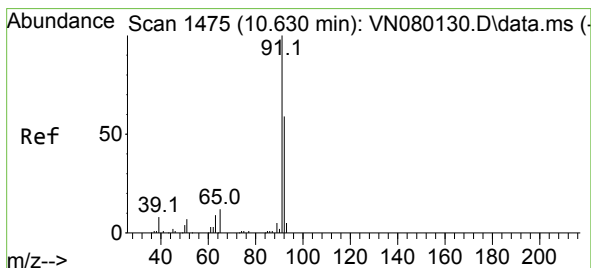
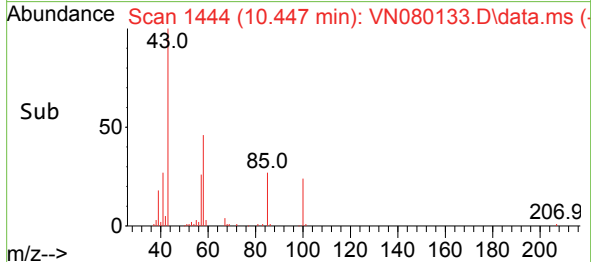
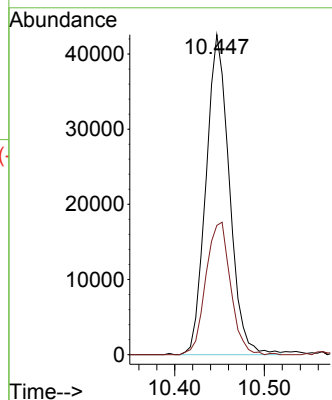
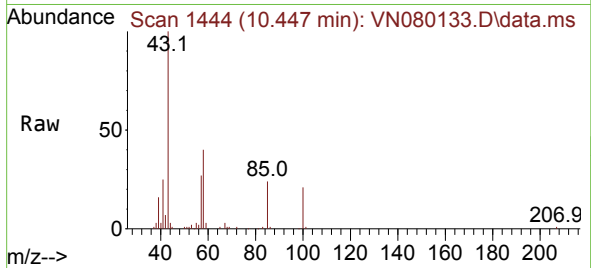




#51
4-Methyl-2-Pentanone
Concen: 25.449 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

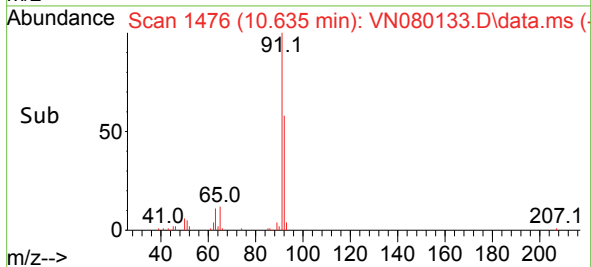
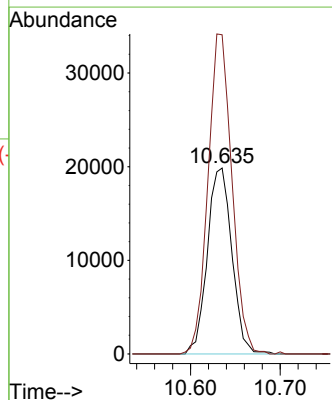
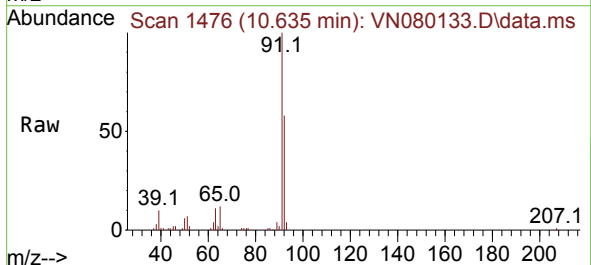
Instrument :
MSVOA_N
ClientSampleId :

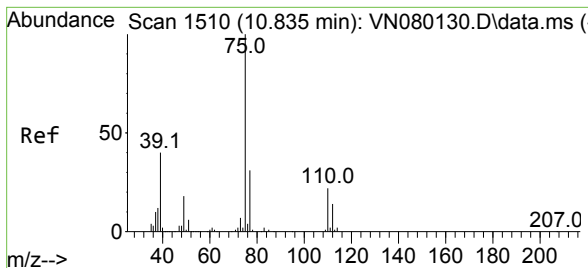
Tgt Ion: 43 Resp: 76983
Ion Ratio Lower Upper
43 100
58 43.8 36.6 54.8



#52
Toluene
Concen: 4.898 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 92 Resp: 37713
Ion Ratio Lower Upper
92 100
91 168.0 137.4 206.0

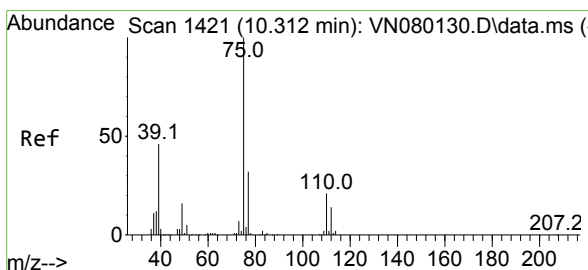
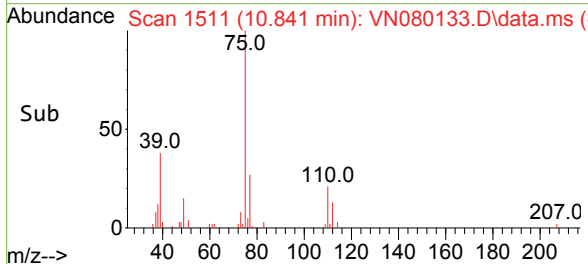
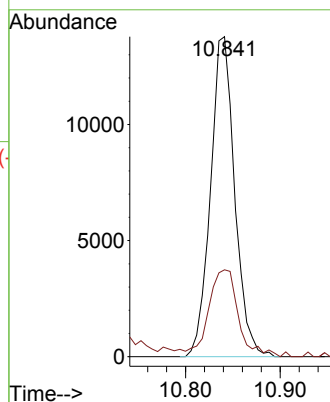
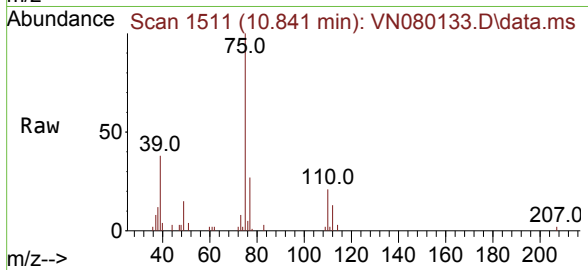




#53
 t-1,3-Dichloropropene
 Concen: 5.006 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

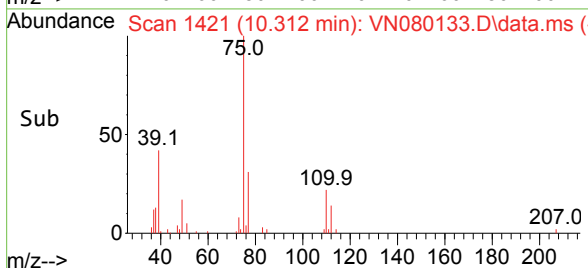
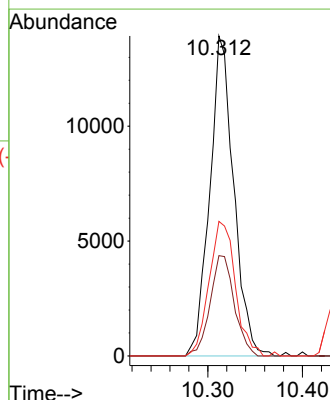
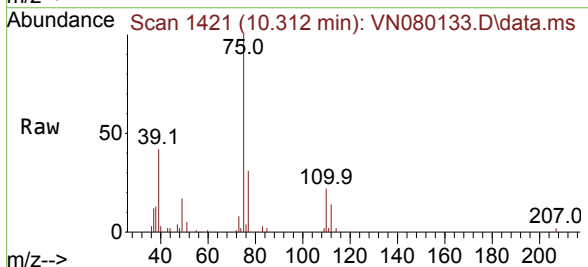
Instrument :
 MSVOA_N
 ClientSampleId :

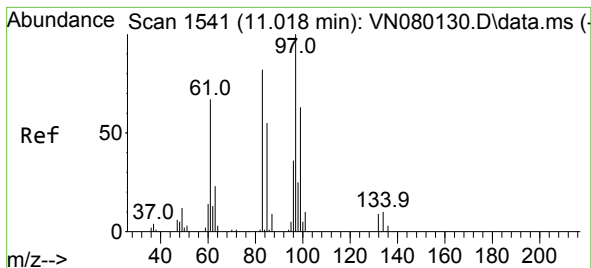
Tgt Ion: 75 Resp: 24486
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.891 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 75 Resp: 24439
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 42.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 5.002 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 14699

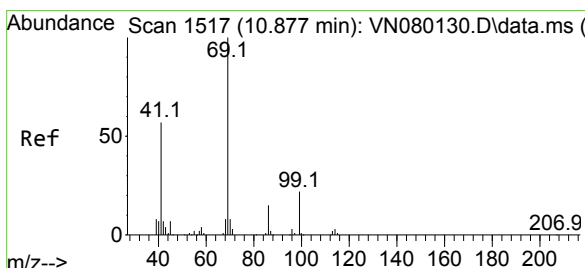
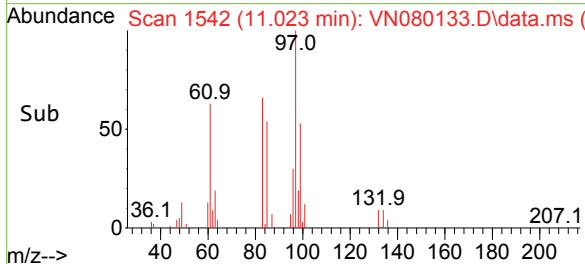
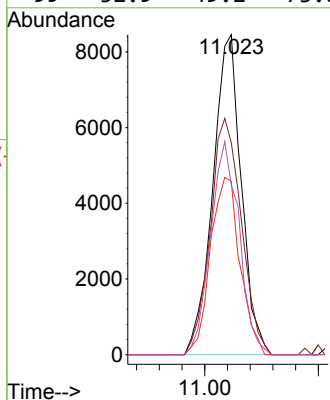
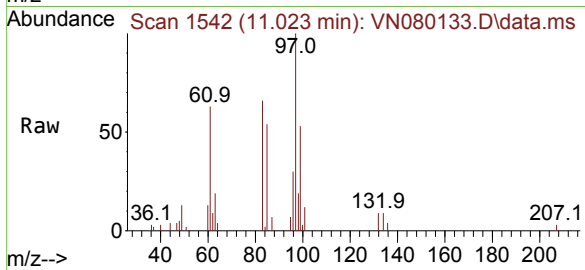
Ion Ratio Lower Upper

97 100

83 66.2 65.1 97.7

85 54.2 43.4 65.2

99 52.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 4.751 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

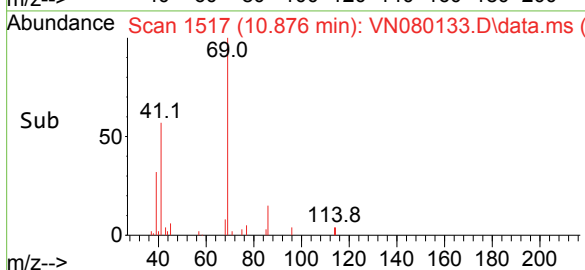
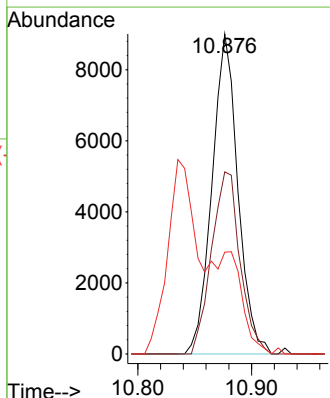
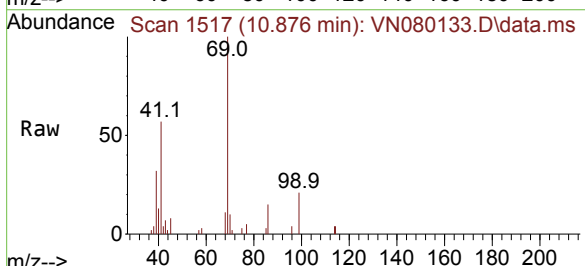
Tgt Ion: 69 Resp: 14264

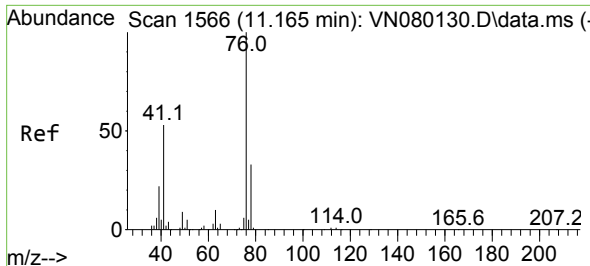
Ion Ratio Lower Upper

69 100

41 62.8 39.6 59.4#

39 0.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 5.086 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

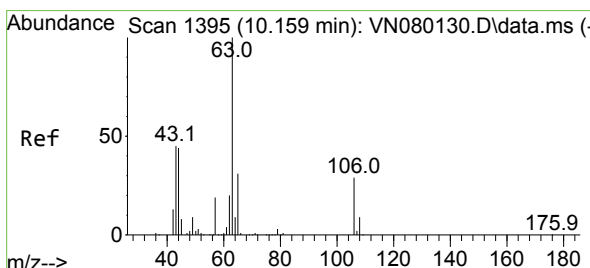
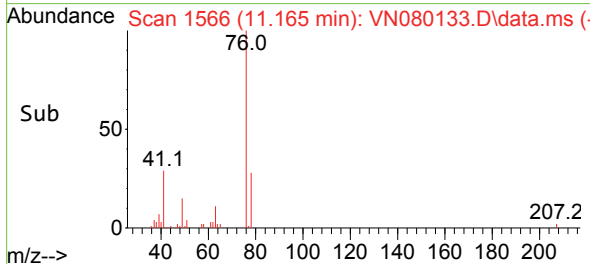
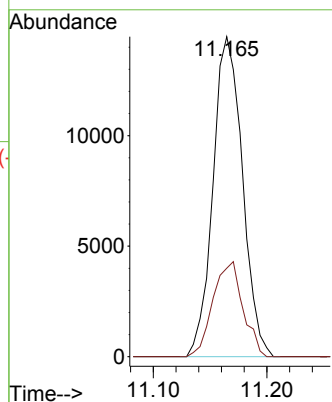
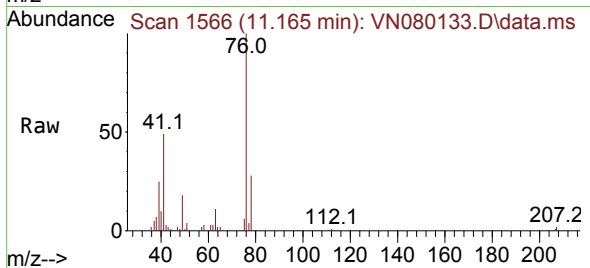
ClientSampleId :

Tgt Ion: 76 Resp: 26096

Ion Ratio Lower Upper

76 100

78 30.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 23.771 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080133.D

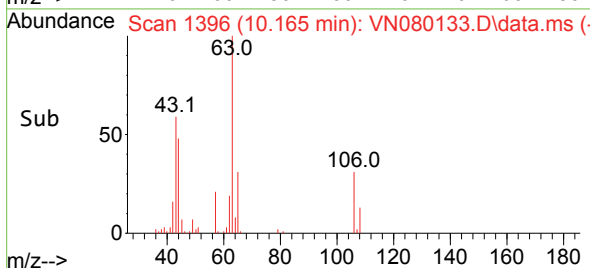
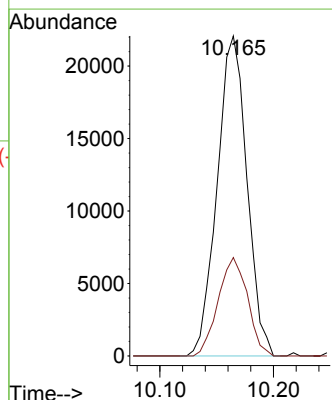
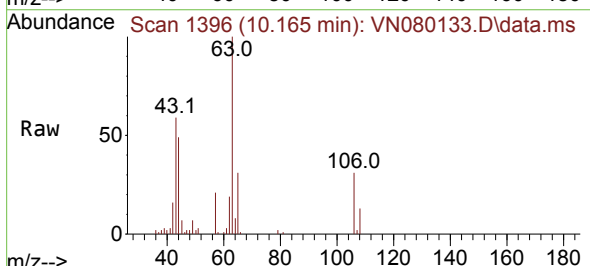
Acq: 16 Nov 2023 13:09

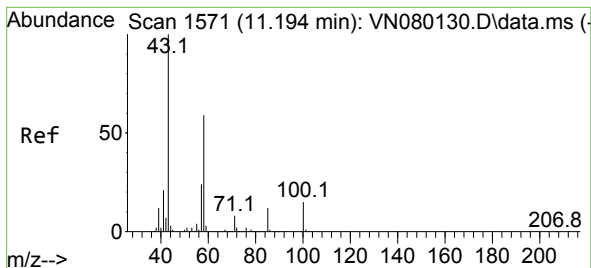
Tgt Ion: 63 Resp: 40202

Ion Ratio Lower Upper

63 100

106 30.4 26.2 39.4

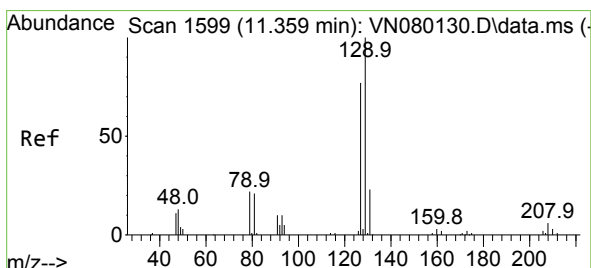
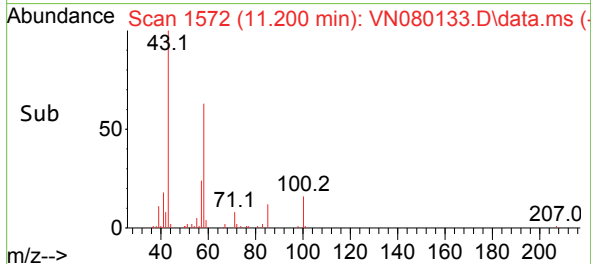
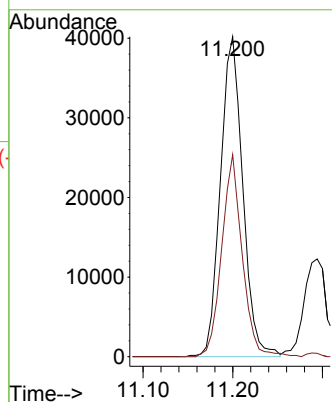
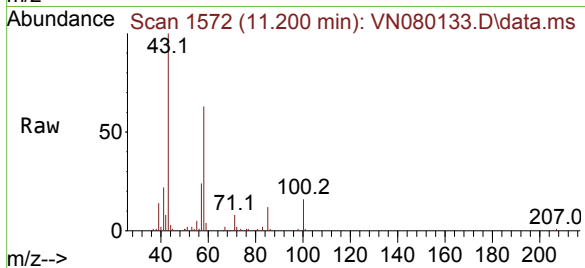




#59
2-Hexanone
Concen: 28.576 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

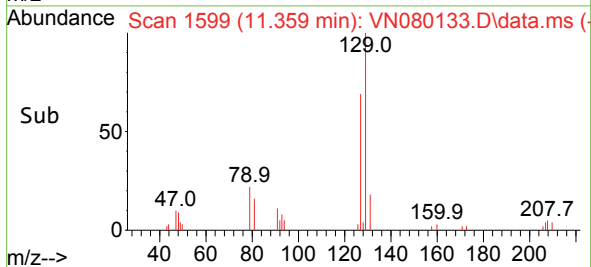
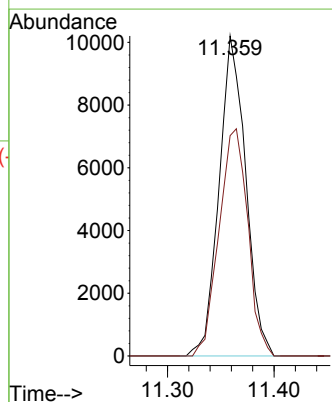
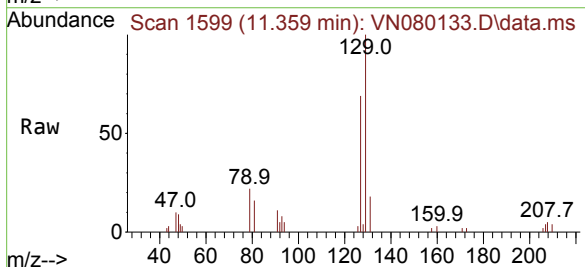
Instrument :
MSVOA_N
ClientSampleId :

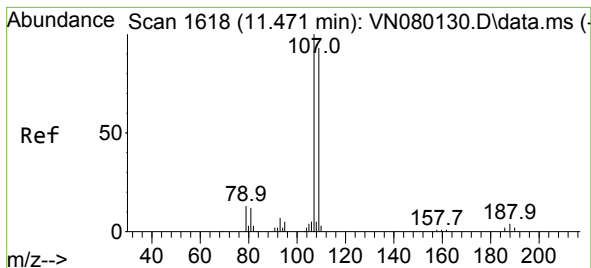
Tgt Ion: 43 Resp: 69462
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1



#60
Dibromochloromethane
Concen: 5.030 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 129 Resp: 17695
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

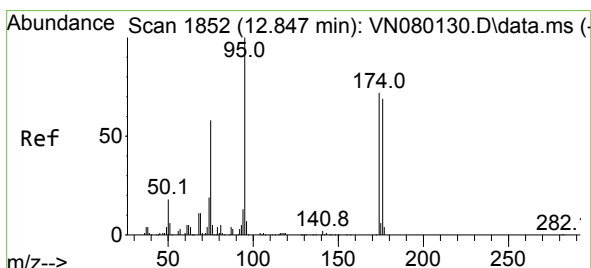
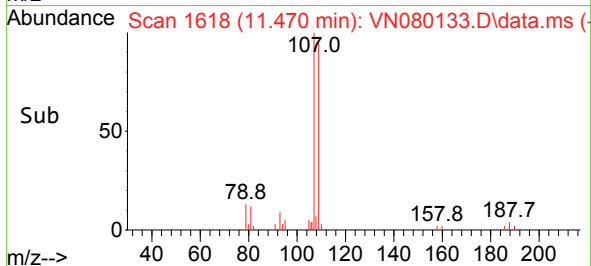
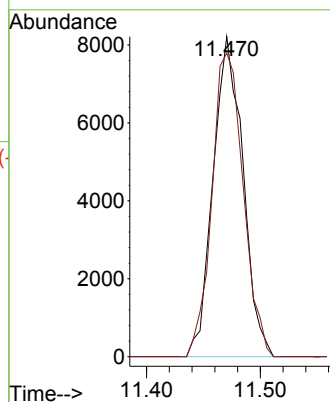
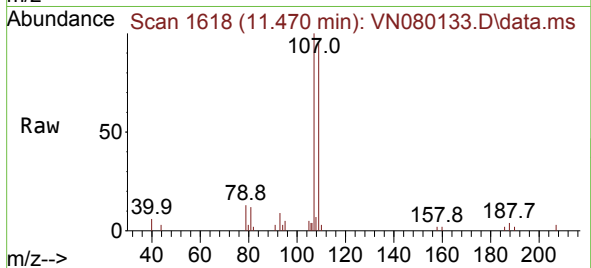




#61
1,2-Dibromoethane
Concen: 5.001 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

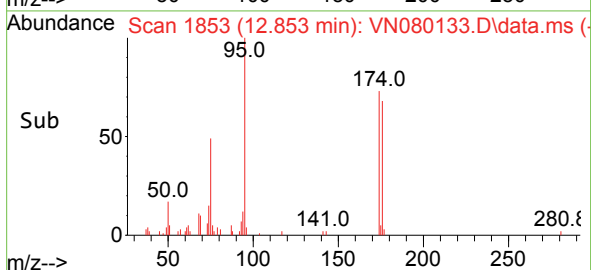
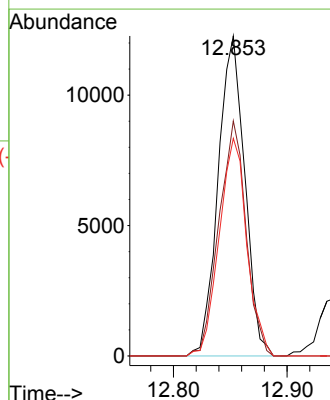
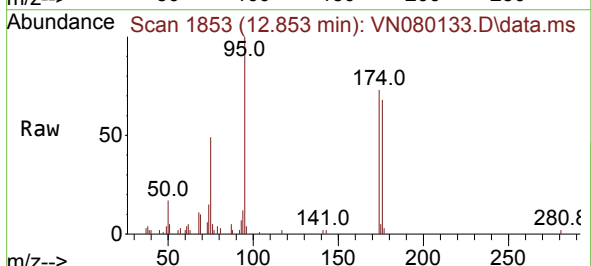
Instrument :
MSVOA_N
ClientSampleId :

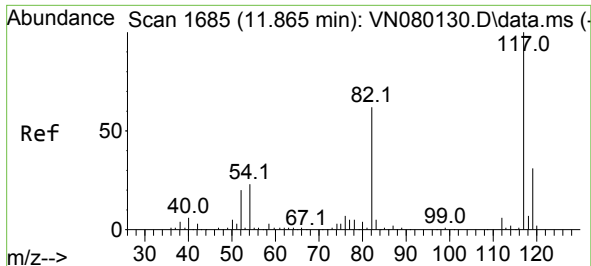
Tgt Ion:107 Resp: 14991
Ion Ratio Lower Upper
107 100
109 99.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 4.908 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 95 Resp: 19981
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.4 0.0 135.8

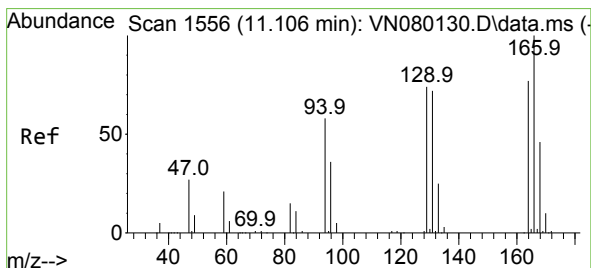
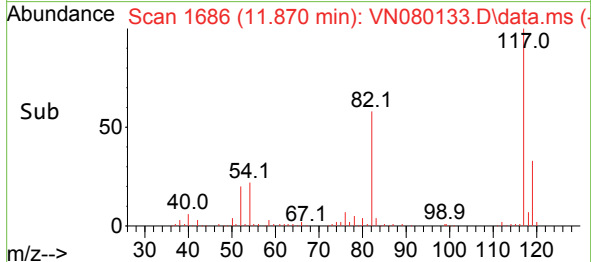
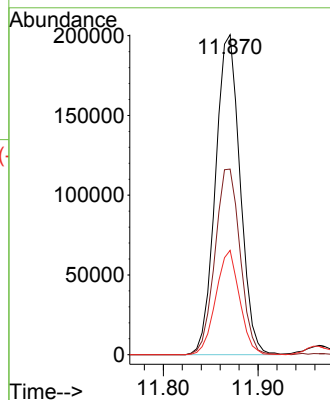
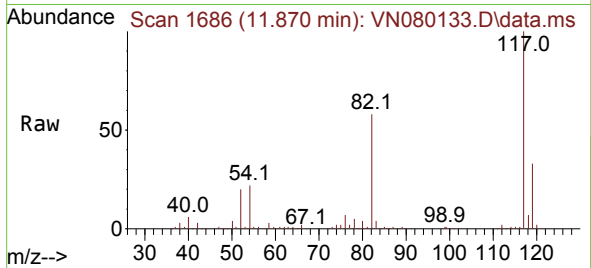




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

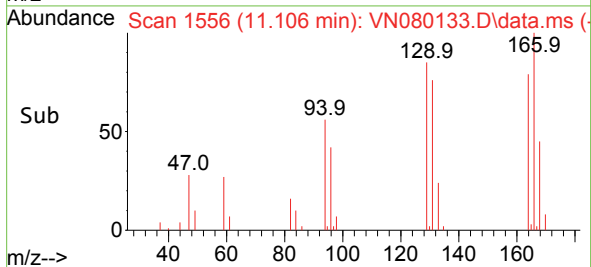
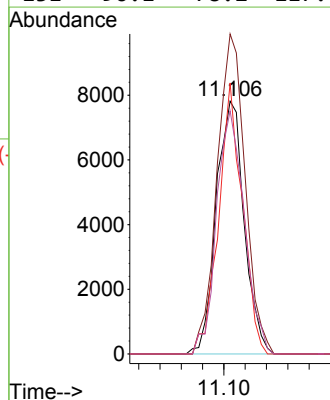
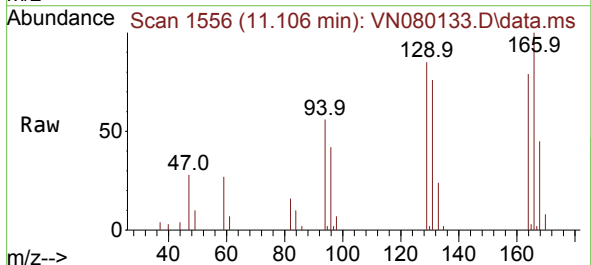
Instrument :
MSVOA_N
ClientSampleId :

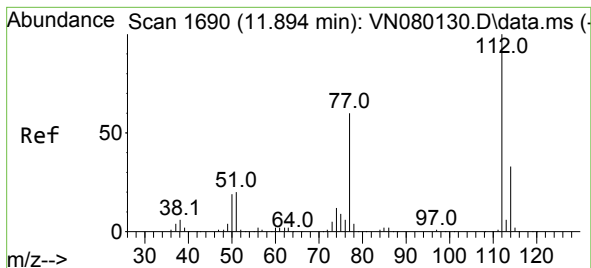
Tgt Ion:117 Resp: 362374
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 5.143 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion:164 Resp: 14224
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 107.2 82.4 123.6
131 96.1 78.2 117.4





#65

Chlorobenzene

Concen: 5.114 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

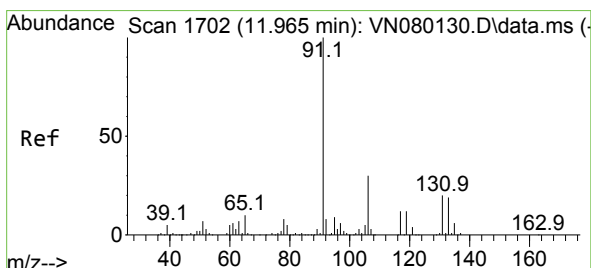
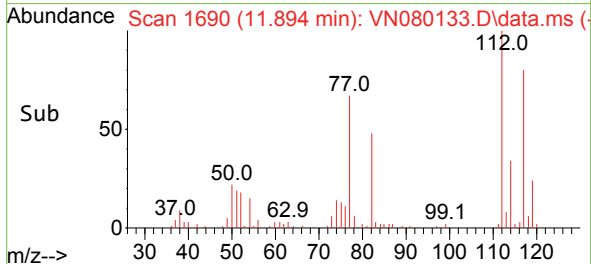
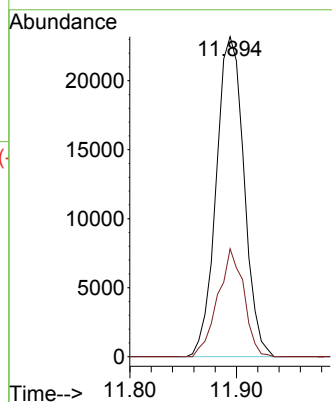
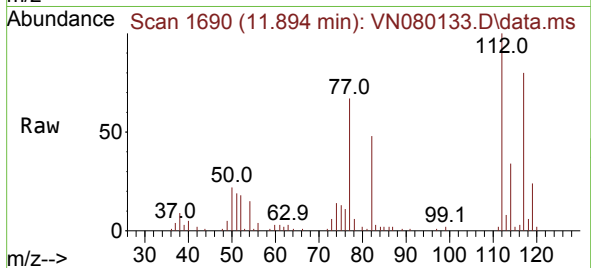
ClientSampleId :

Tgt Ion:112 Resp: 41993

Ion Ratio Lower Upper

112 100

114 33.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 5.114 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

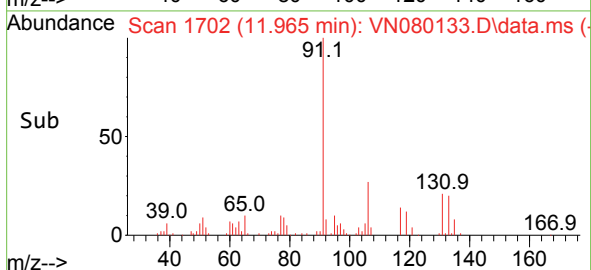
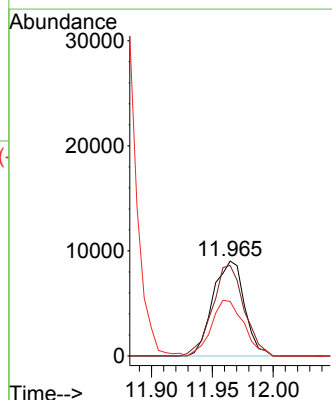
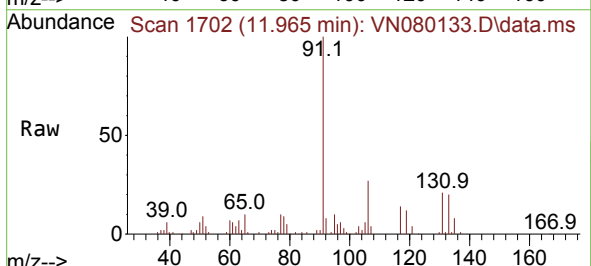
Tgt Ion:131 Resp: 16297

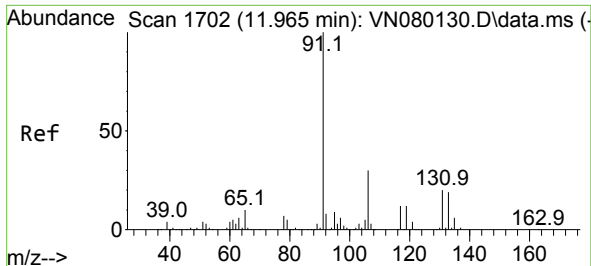
Ion Ratio Lower Upper

131 100

133 95.8 46.4 139.1

119 60.1 34.1 102.2

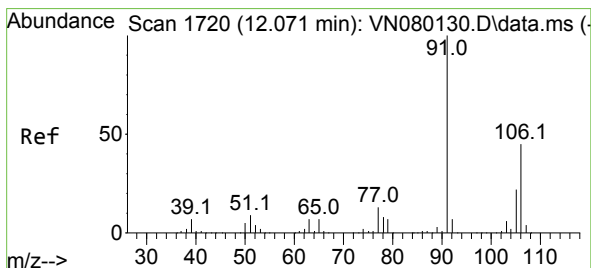
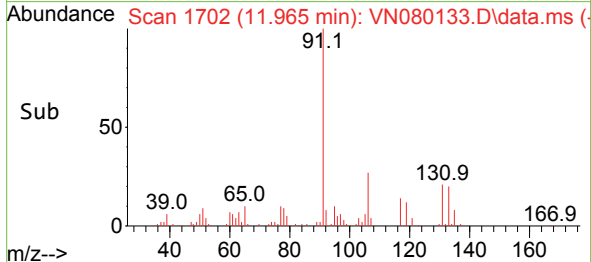
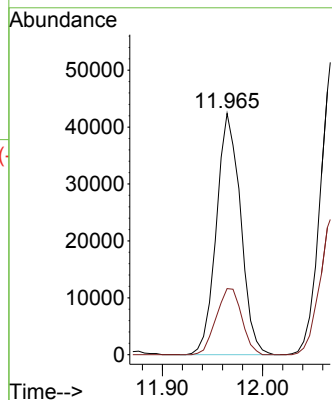
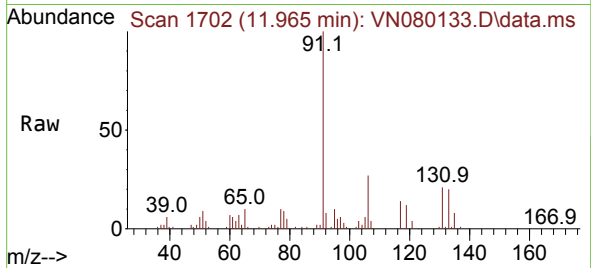




#67
Ethyl Benzene
Concen: 4.856 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

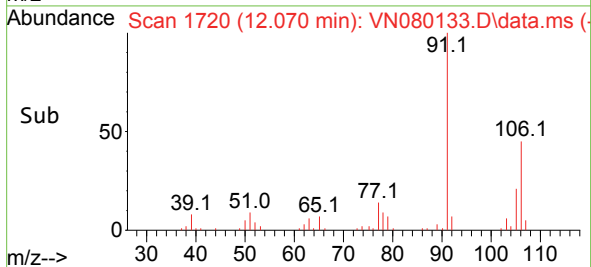
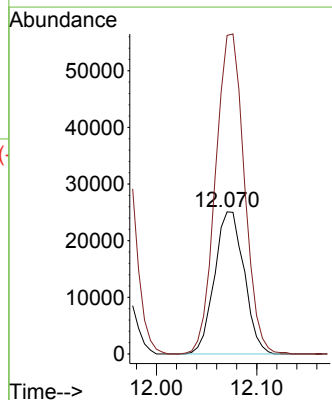
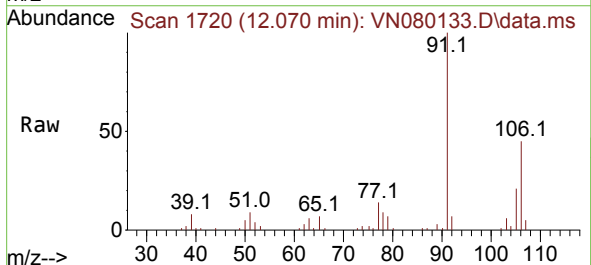
Instrument :
MSVOA_N
ClientSampleId :

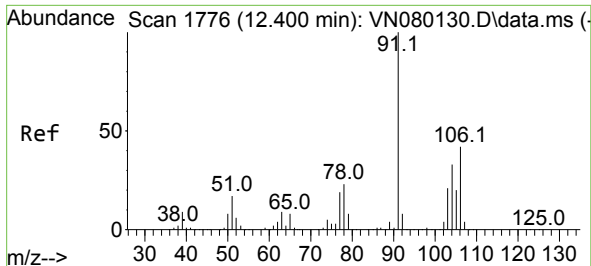
Tgt Ion: 91 Resp: 70953
Ion Ratio Lower Upper
91 100
106 27.4 25.6 38.4



#68
m/p-Xylenes
Concen: 9.636 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 106 Resp: 51332
Ion Ratio Lower Upper
106 100
91 219.5 159.6 239.4

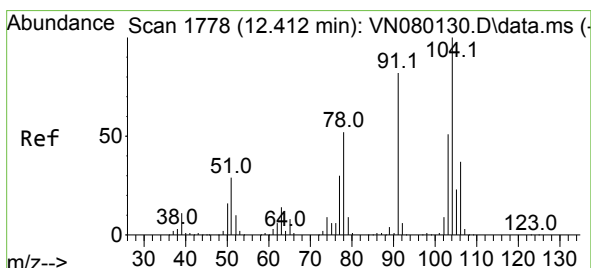
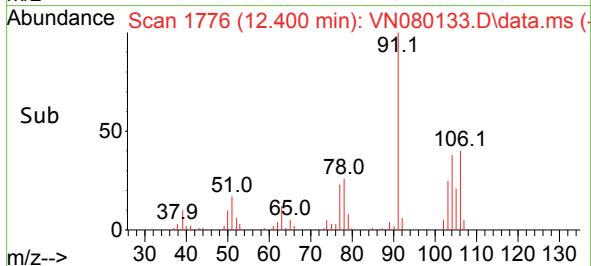
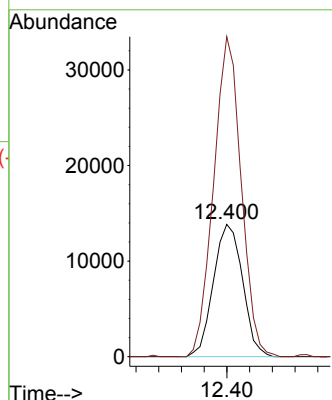
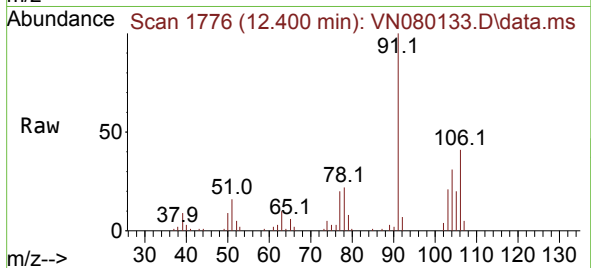




#69
o-Xylene
Concen: 4.907 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

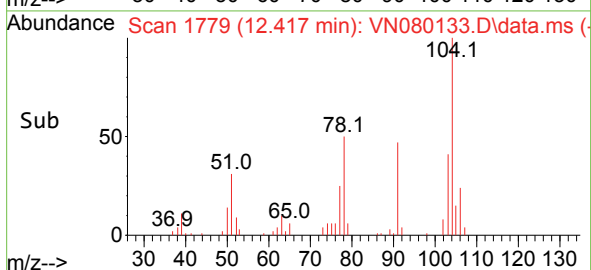
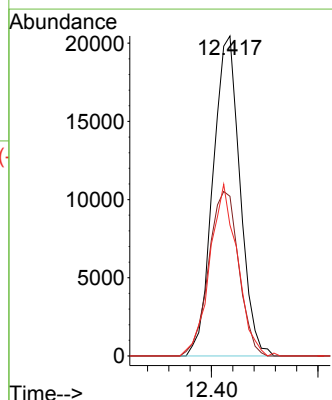
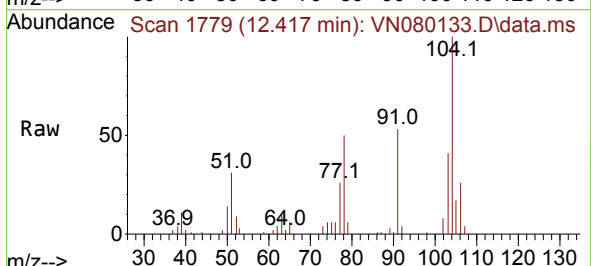
Instrument :
MSVOA_N
ClientSampleId :

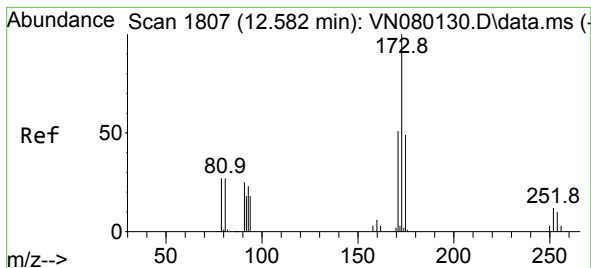
Tgt Ion:106 Resp: 24637
Ion Ratio Lower Upper
106 100
91 228.9 105.2 315.5



#70
Styrene
Concen: 4.817 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion:104 Resp: 35995
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 4.811 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080133.D

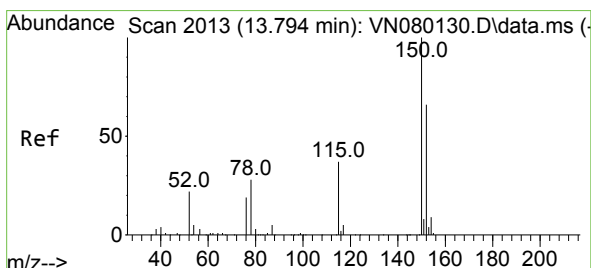
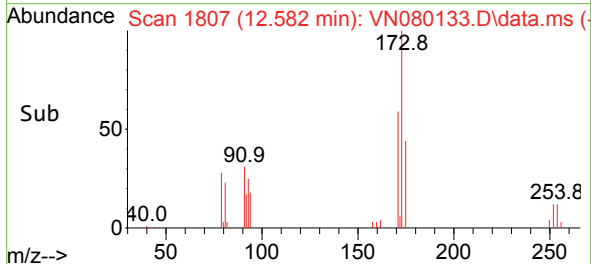
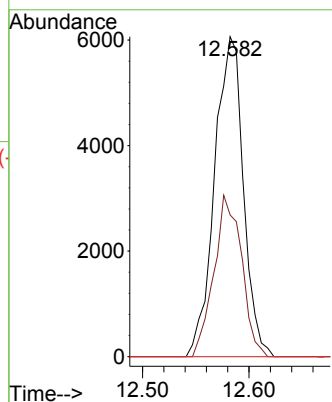
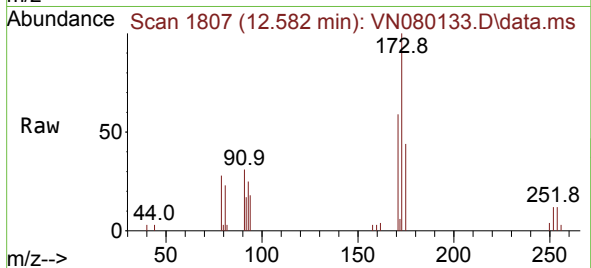
Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	11368
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

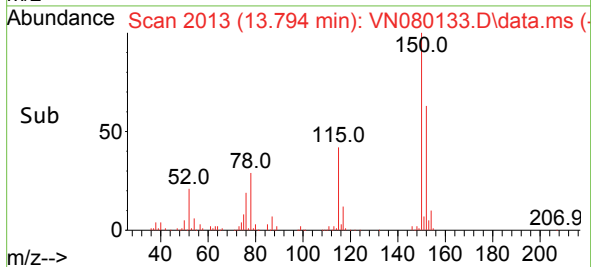
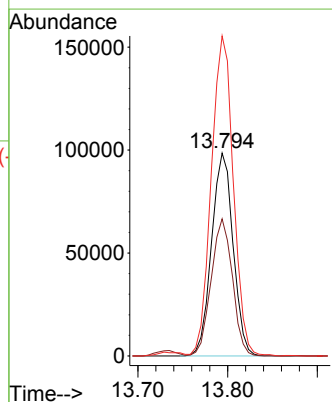
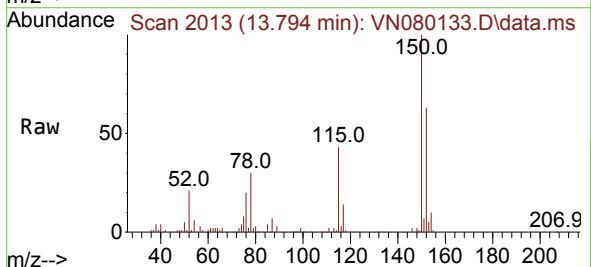
RT: 13.794 min Scan# 2013

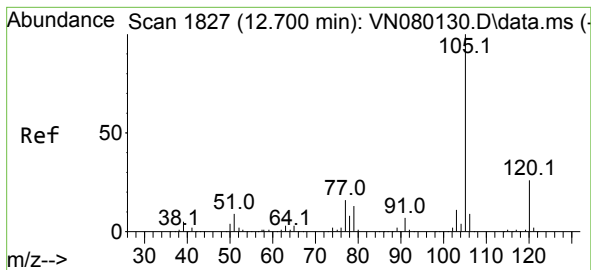
Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion:152	Resp:	164290
Ion Ratio	Lower	Upper
152	100	
115	66.6	32.3 96.8
150	161.0	0.0 355.8





#73

Isopropylbenzene

Concen: 4.991 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

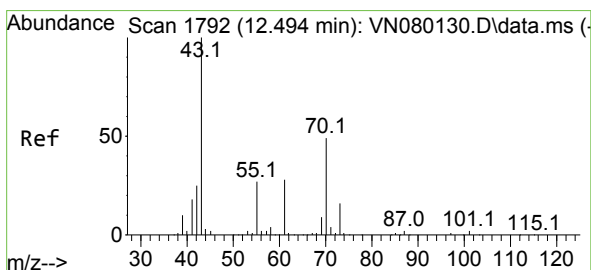
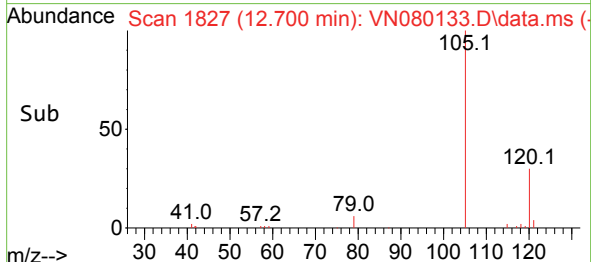
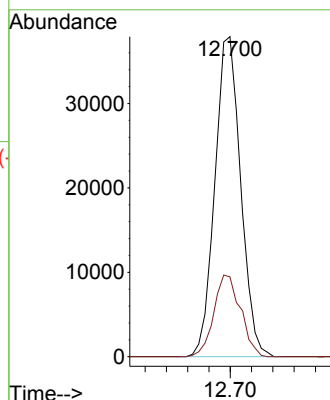
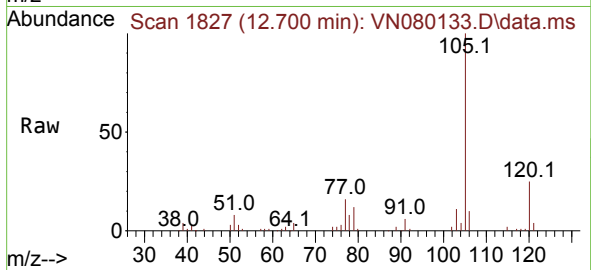
ClientSampleId :

Tgt Ion:105 Resp: 63722

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 5.096 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion: 43 Resp: 20290

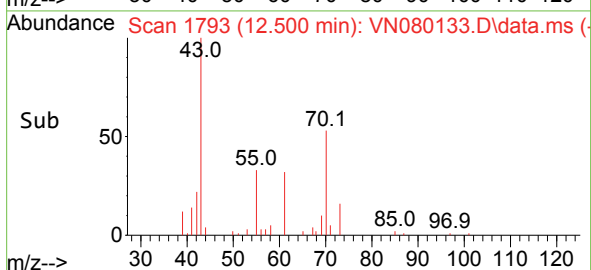
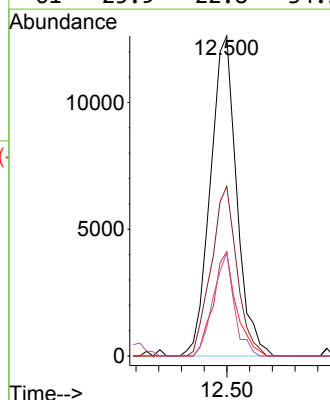
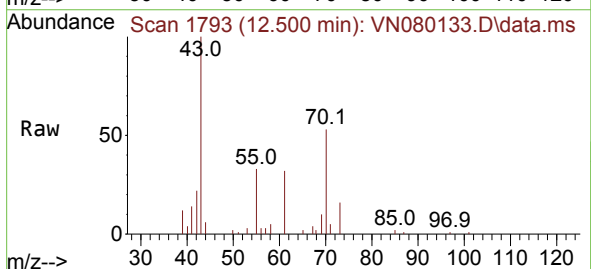
Ion Ratio Lower Upper

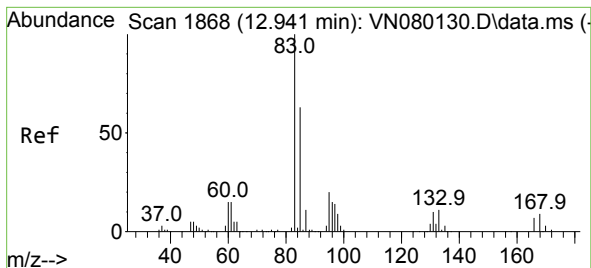
43 100

70 51.9 43.4 65.2

55 28.8 21.4 32.0

61 25.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.447 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

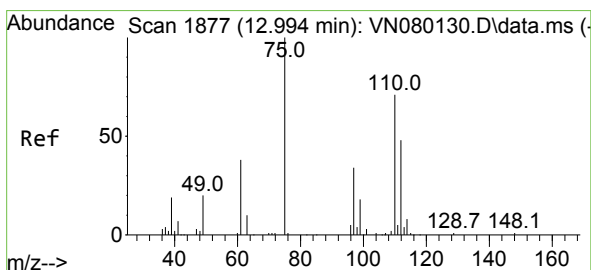
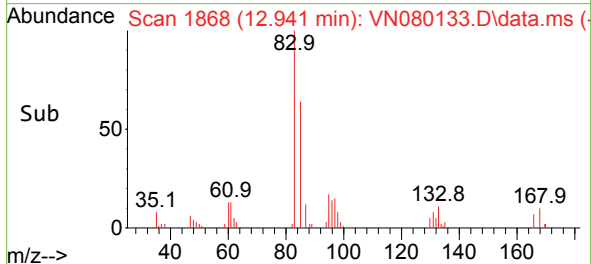
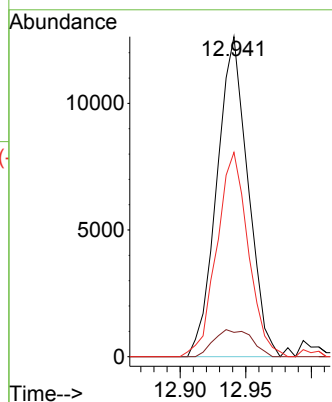
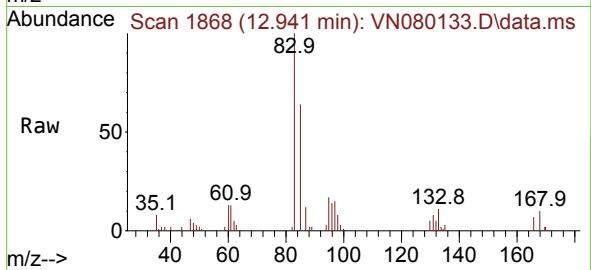
Tgt Ion: 83 Resp: 20811

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 7.026 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080133.D

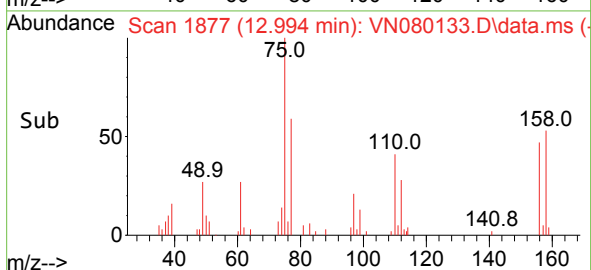
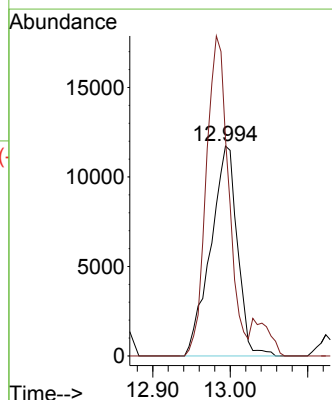
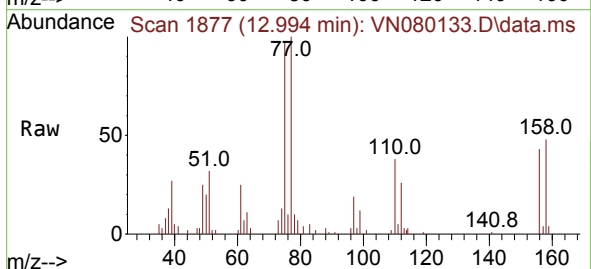
Acq: 16 Nov 2023 13:09

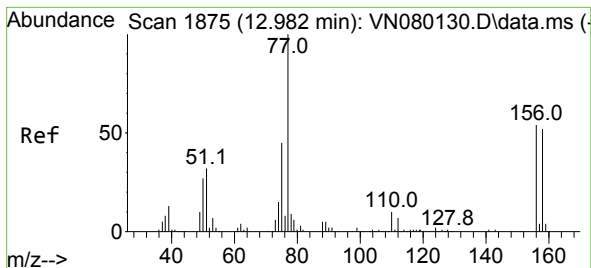
Tgt Ion: 75 Resp: 28145

Ion Ratio Lower Upper

75 100

77 127.0 84.5 253.5





#77

Bromobenzene

Concen: 5.324 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080133.D

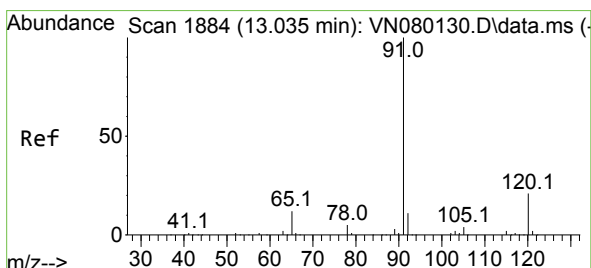
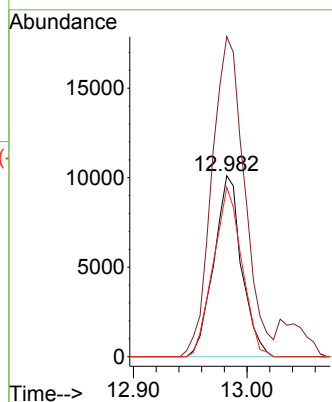
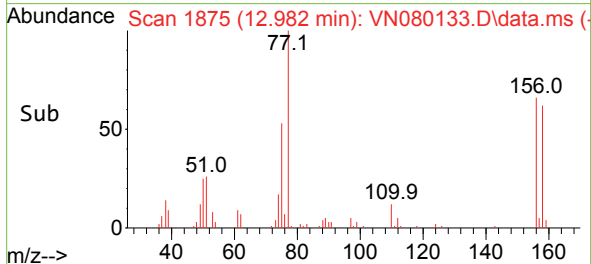
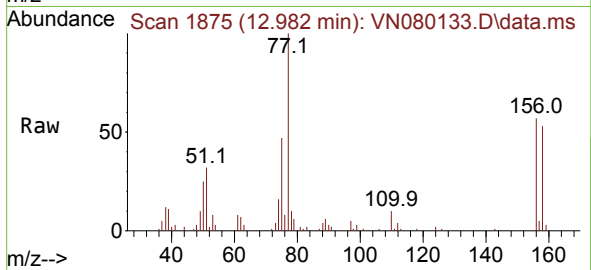
Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	17137
Ion Ratio	Lower	Upper	
156	100		
77	208.5	107.7	323.3
158	96.9	48.4	145.3



#78

n-propylbenzene

Concen: 4.887 ug/l

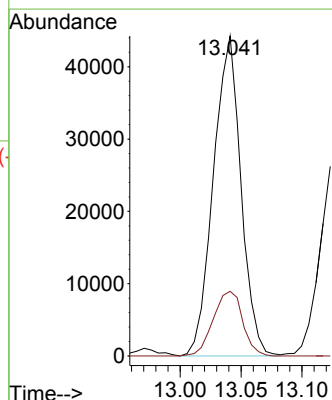
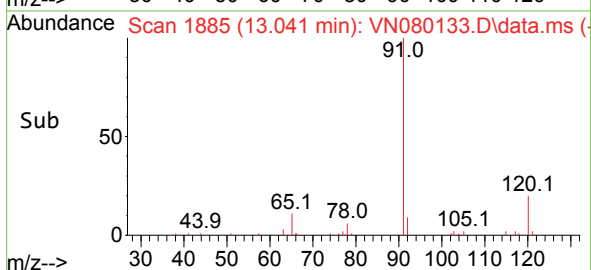
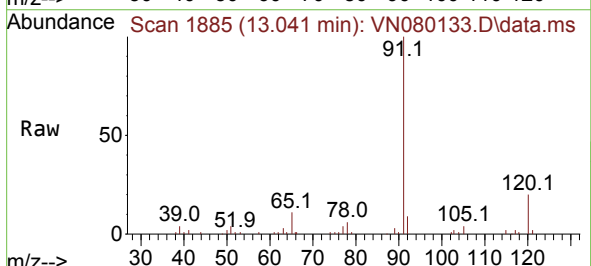
RT: 13.041 min Scan# 1885

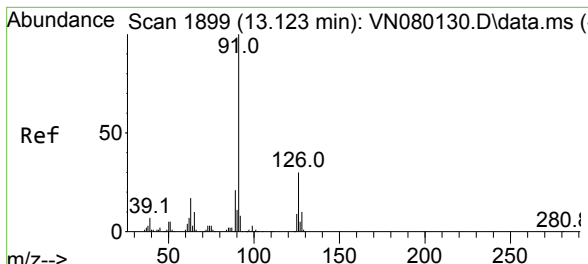
Delta R.T. 0.006 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion:	91	Resp:	69769
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4

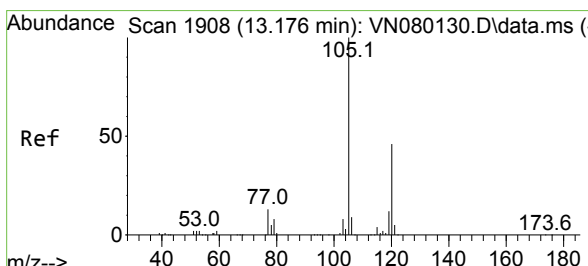
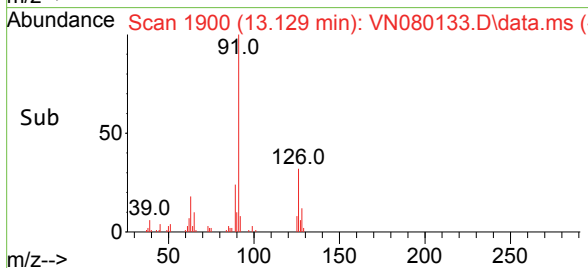
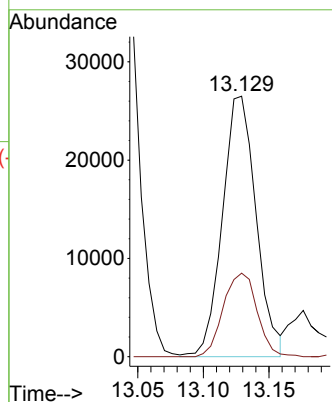
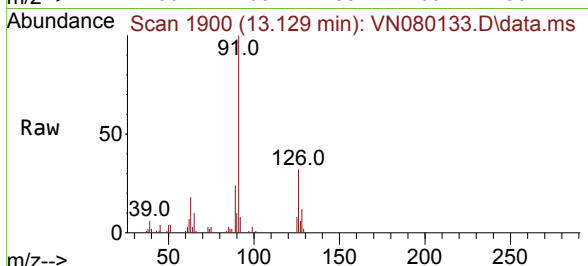




#79
 2-Chlorotoluene
 Concen: 5.111 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

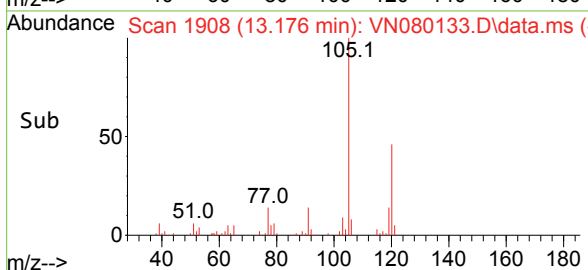
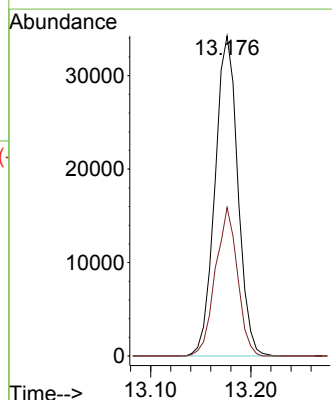
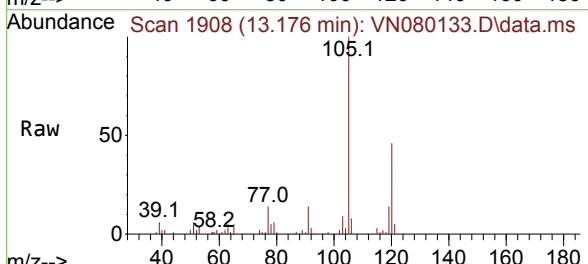
Instrument :
 MSVOA_N
 ClientSampleId :

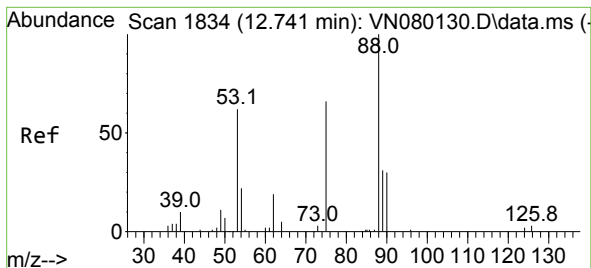
Tgt Ion: 91 Resp: 47393
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 4.870 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion: 105 Resp: 54126
 Ion Ratio Lower Upper
 105 100
 120 44.8 24.1 72.3

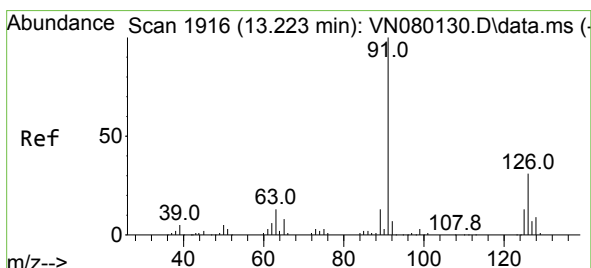
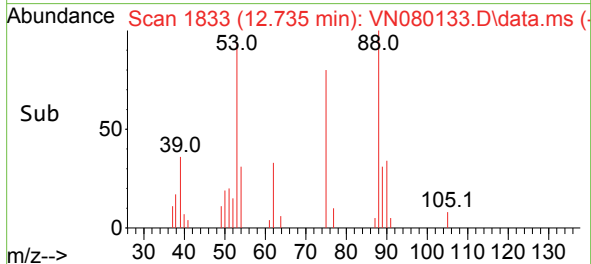
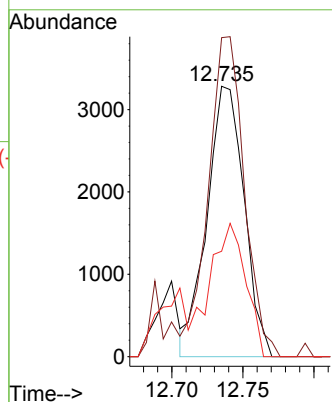
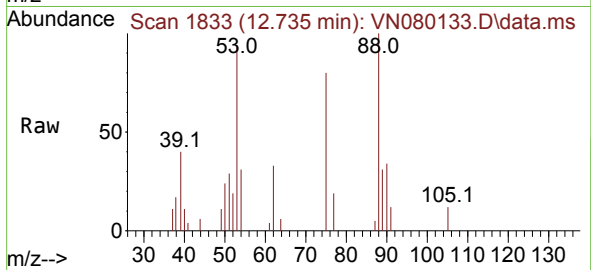




#81
trans-1,4-Dichloro-2-butene
Concen: 5.001 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

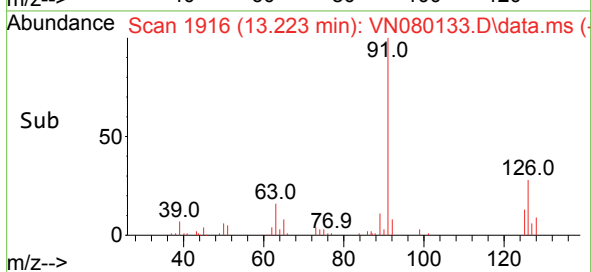
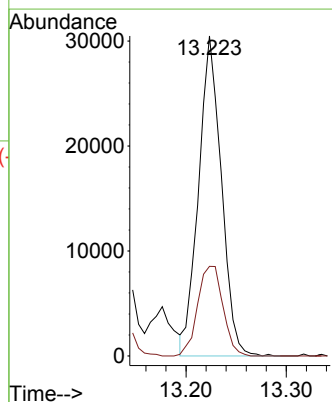
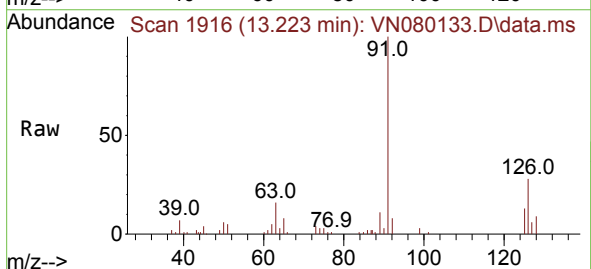
Instrument :
MSVOA_N
ClientSampleId :

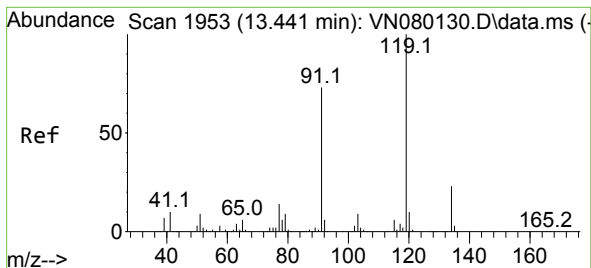
Tgt Ion: 75 Resp: 5958
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2#
89 47.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 5.070 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080133.D
Acq: 16 Nov 2023 13:09

Tgt Ion: 91 Resp: 48155
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 4.844 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

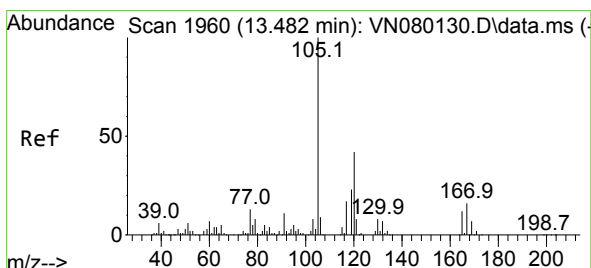
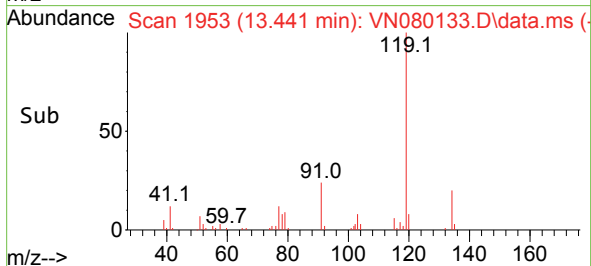
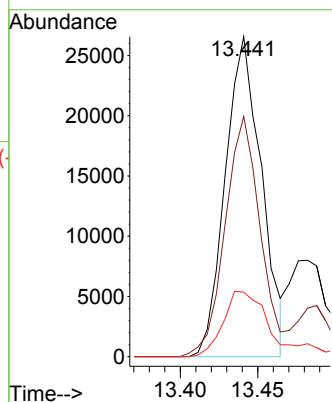
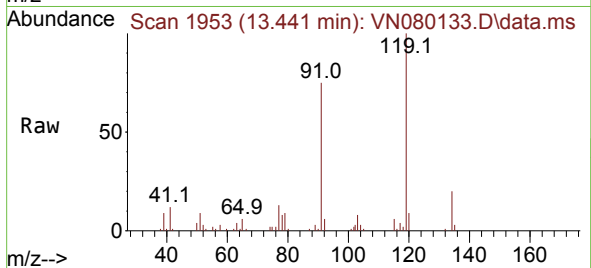
Tgt Ion:119 Resp: 43166

Ion Ratio Lower Upper

119 100

91 73.9 33.9 101.7

134 27.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 4.858 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080133.D

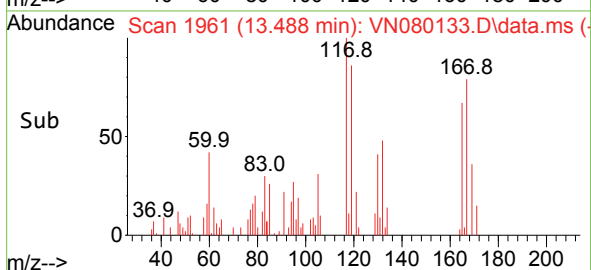
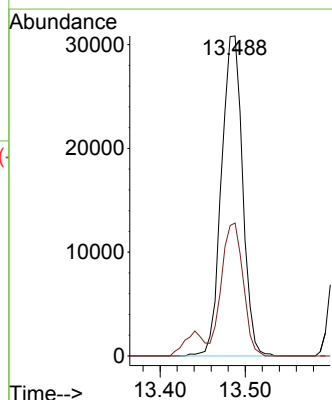
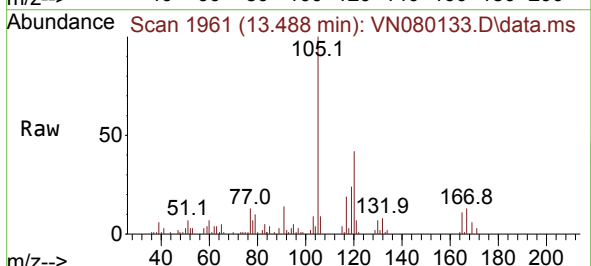
Acq: 16 Nov 2023 13:09

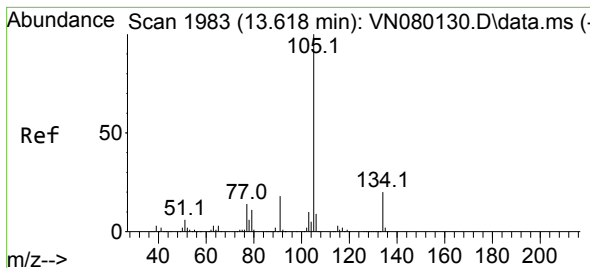
Tgt Ion:105 Resp: 53166

Ion Ratio Lower Upper

105 100

120 42.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 4.961 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

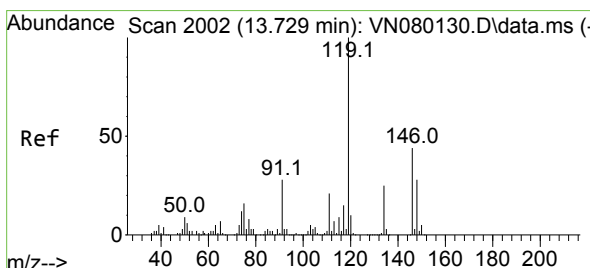
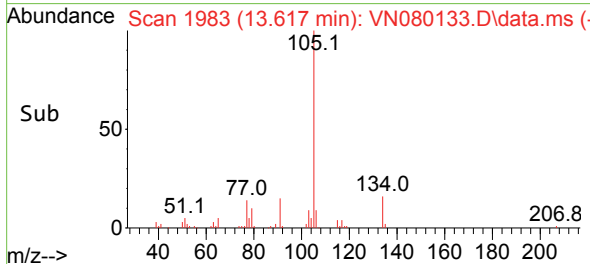
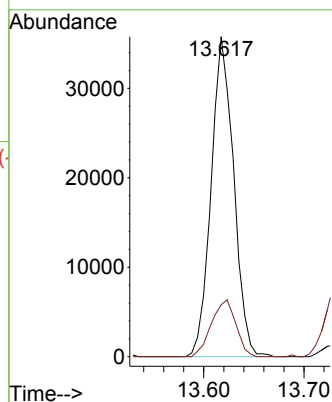
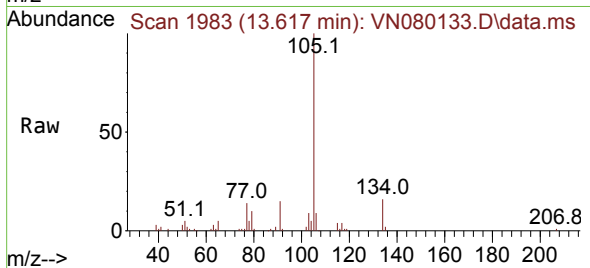
ClientSampleId :

Tgt Ion:105 Resp: 55933

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 4.820 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

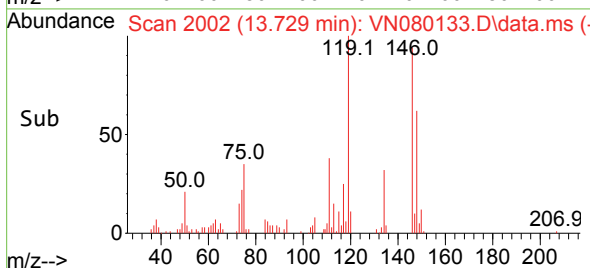
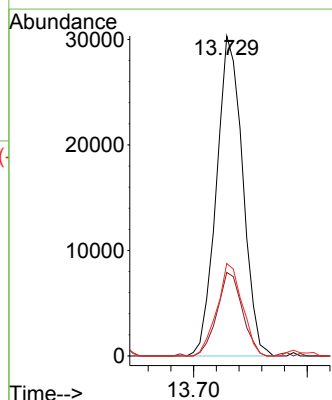
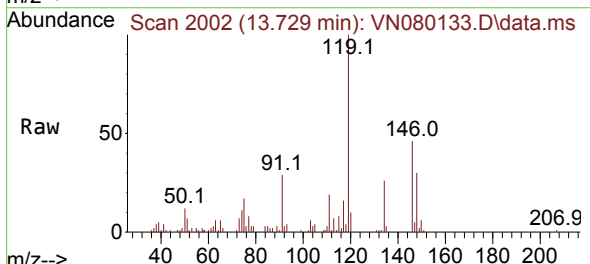
Tgt Ion:119 Resp: 48544

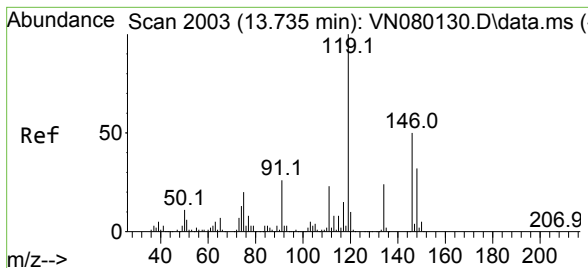
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 27.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.090 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080133.D

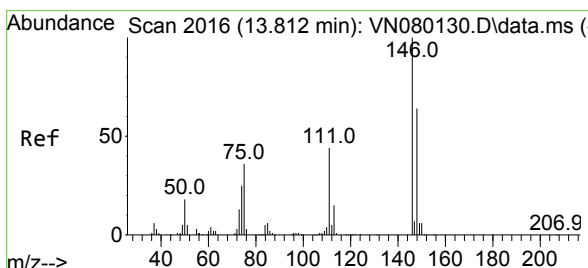
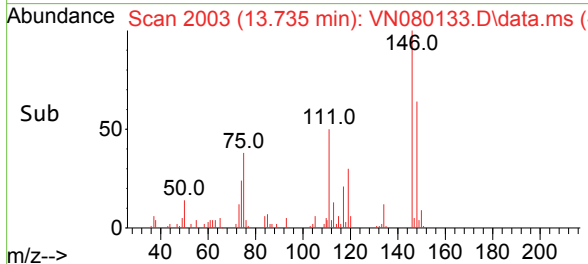
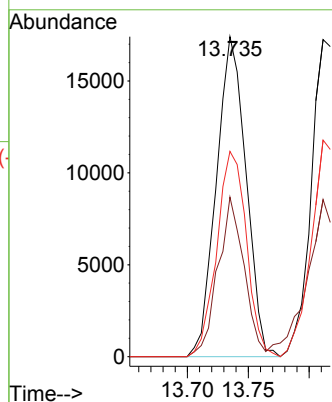
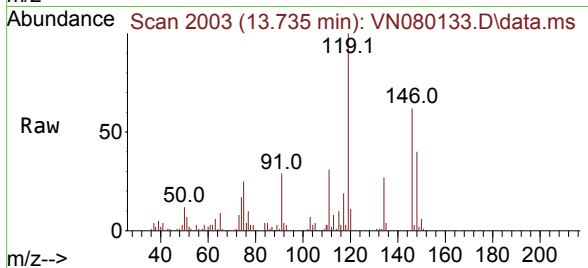
Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	29519
Ion Ratio	Lower	Upper
146	100	
111	43.9	22.1 66.3
148	64.1	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 5.126 ug/l

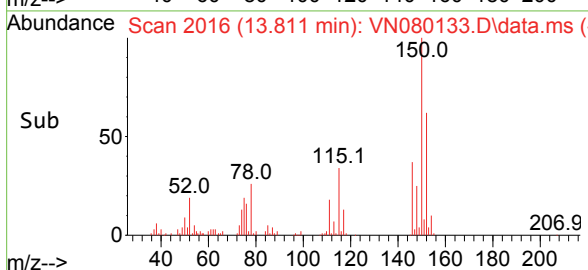
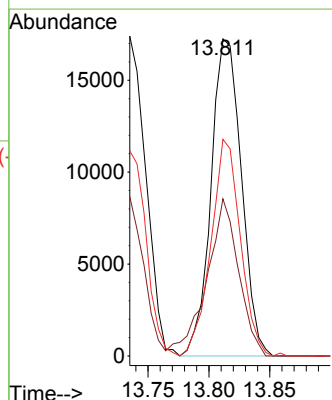
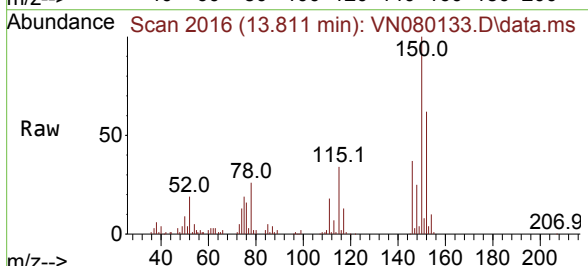
RT: 13.811 min Scan# 2016

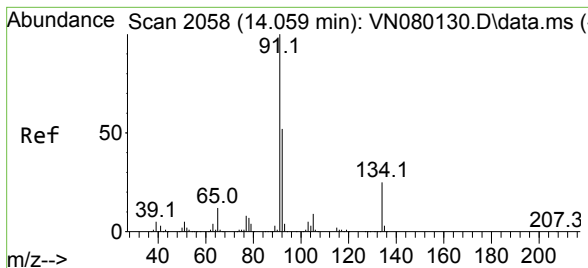
Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion:146	Resp:	29876
Ion Ratio	Lower	Upper
146	100	
111	52.2	20.6 61.8
148	66.5	31.6 94.8





#89

n-Butylbenzene

Concen: 4.738 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080133.D

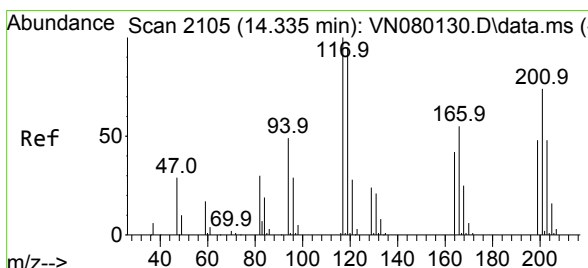
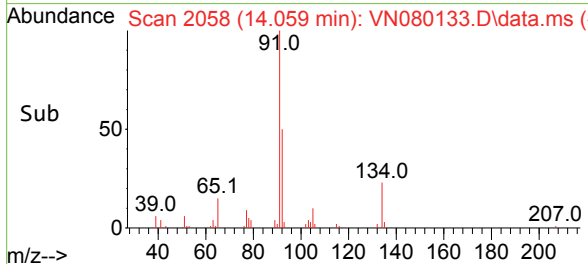
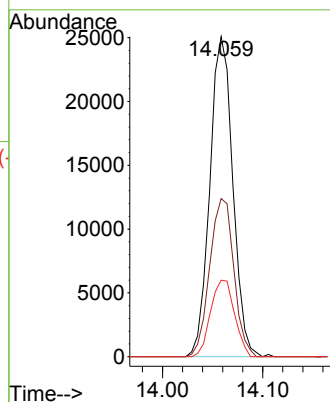
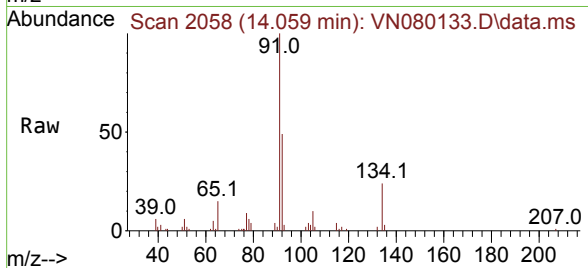
Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	39940
Ion	Ratio	Lower Upper
91	100	
92	51.9	26.4 79.0
134	24.8	12.6 37.6



#90

Hexachloroethane

Concen: 4.831 ug/l

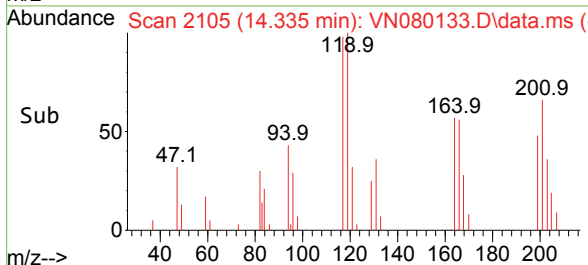
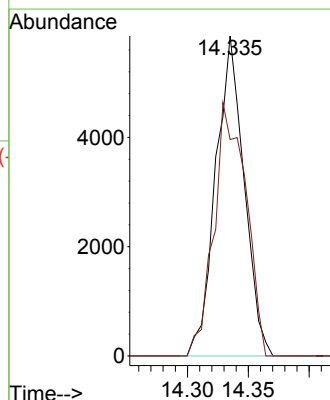
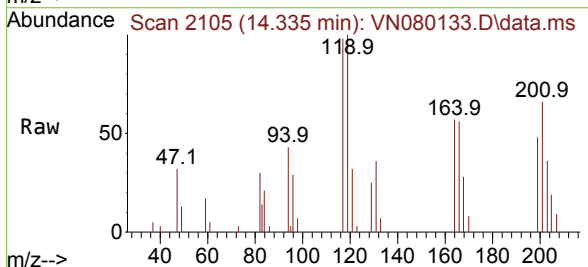
RT: 14.335 min Scan# 2105

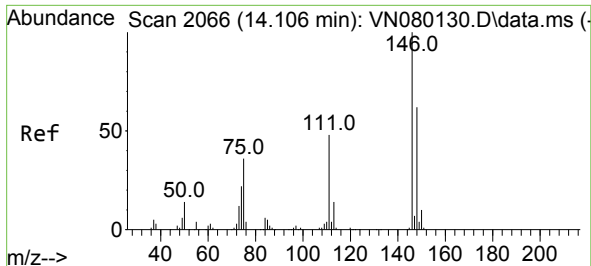
Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion: 117	Resp:	9486
Ion	Ratio	Lower Upper
117	100	
201	89.1	29.3 88.0#

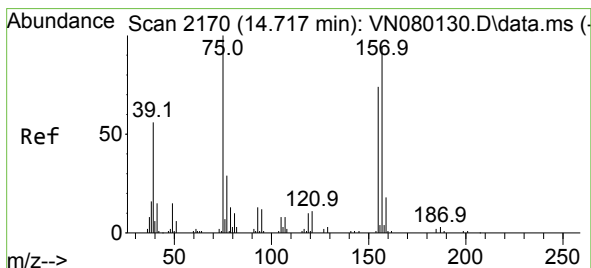
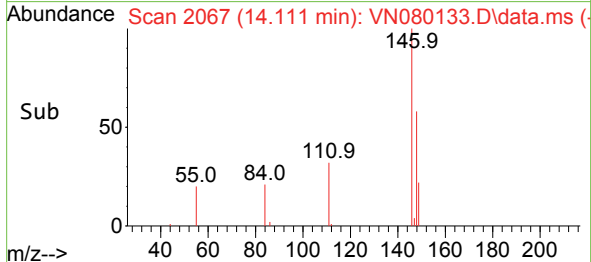
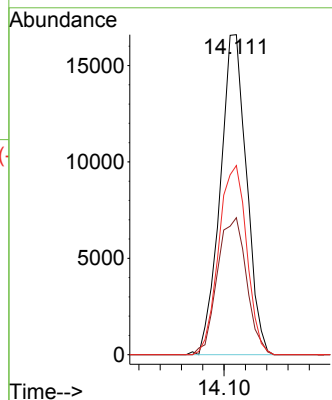
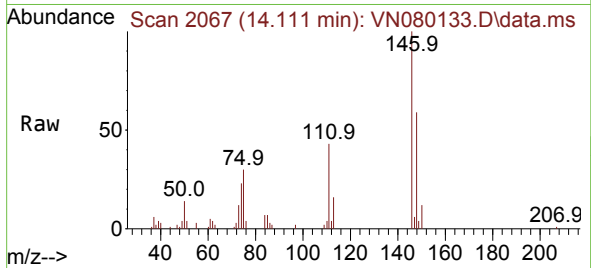




#91
 1,2-Dichlorobenzene
 Concen: 5.134 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

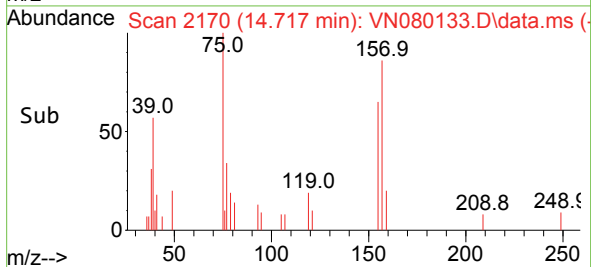
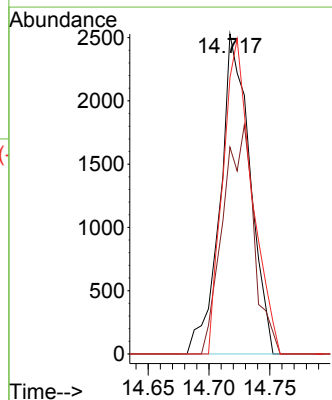
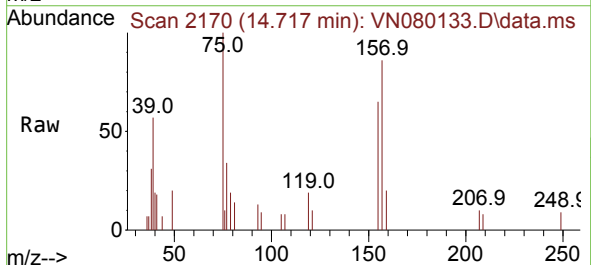
Instrument :
 MSVOA_N
 ClientSampleId :

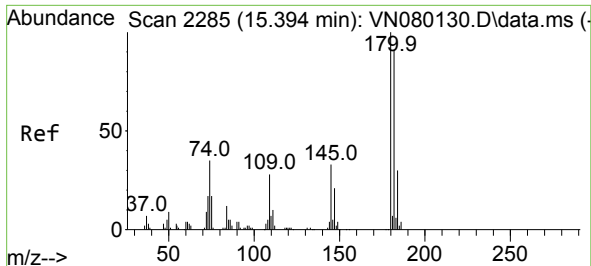
Tgt Ion:146 Resp: 28488
 Ion Ratio Lower Upper
 146 100
 111 47.4 22.0 66.0
 148 62.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.869 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

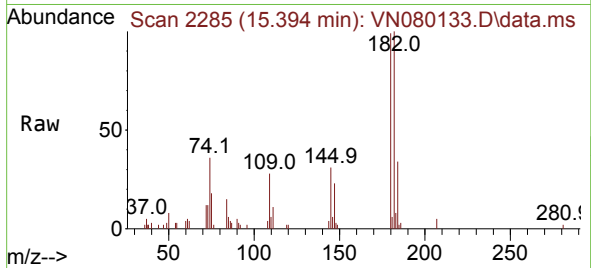
Tgt Ion: 75 Resp: 4321
 Ion Ratio Lower Upper
 75 100
 155 73.6 39.1 117.2
 157 95.5 50.3 150.9



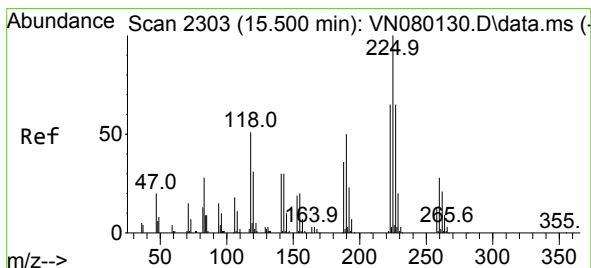
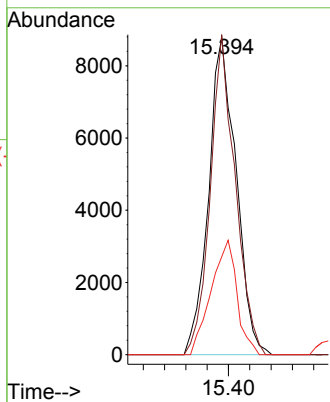
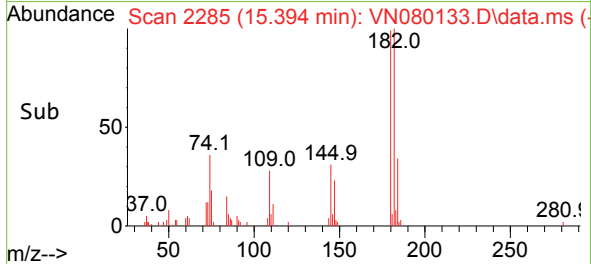


#93
 1,2,4-Trichlorobenzene
 Concen: 4.871 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Instrument :
 MSVOA_N
 ClientSampleId :

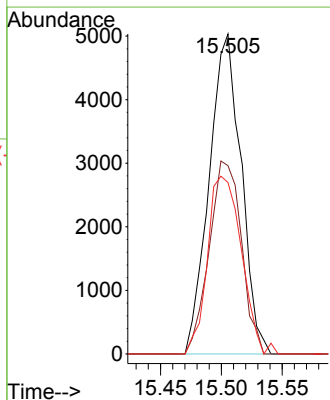
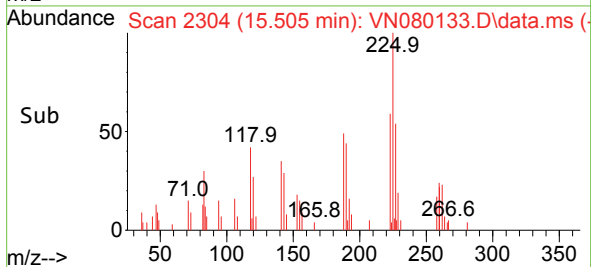
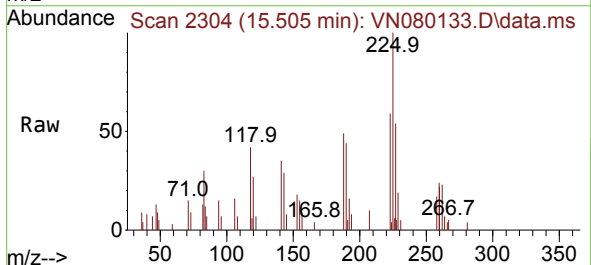


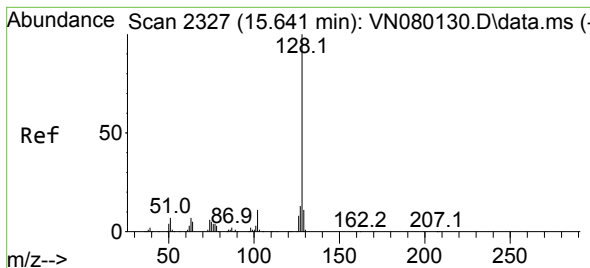
Tgt Ion:180 Resp: 15720
 Ion Ratio Lower Upper
 180 100
 182 91.6 46.1 138.2
 145 34.0 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 4.958 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.005 min
 Lab File: VN080133.D
 Acq: 16 Nov 2023 13:09

Tgt Ion:225 Resp: 9208
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.3 93.8
 227 58.9 31.9 95.9





#95

Naphthalene

Concen: 4.631 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

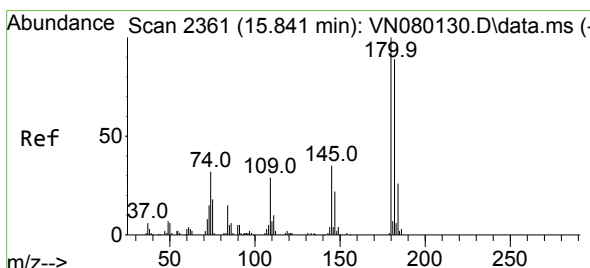
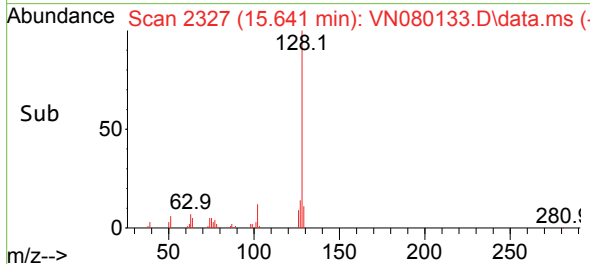
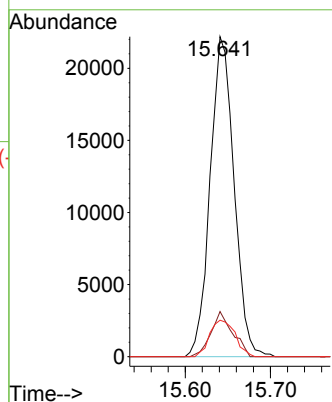
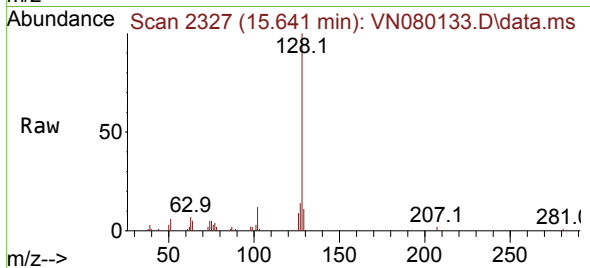
Tgt Ion:128 Resp: 43344

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 12.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.739 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080133.D

Acq: 16 Nov 2023 13:09

Tgt Ion:180 Resp: 14336

Ion Ratio Lower Upper

180 100

182 101.9 46.2 138.6

145 38.3 17.5 52.6

