

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079758.D
 Acq On : 31 Oct 2023 20:55
 Operator : JC\MD
 Sample : 05107-19RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:27:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	303494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	595231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	289712	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220333	45.208	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	8.171	113	205917	50.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.571	98	691493	45.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.853	95	311534	65.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	130.160%#

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1446	0.298	ug/l	97
6) Chloroethane	2.953	64	1447	0.378	ug/l	98
10) Methyl Iodide	4.600	142	773	0.216	ug/l #	41
11) Tert butyl alcohol	5.512	59	1359	2.102	ug/l #	88
15) Acrylonitrile	5.741	53	453	0.228	ug/l #	47
16) Acetone	4.430	43	124694	59.801	ug/l	94
17) Carbon Disulfide	4.724	76	10568	1.038	ug/l	99
18) Methyl Acetate	5.030	43	4019	0.478	ug/l #	64
25) 2-Butanone	7.488	43	43951	15.345	ug/l #	80
31) Cyclohexane	8.230	56	10437	1.570	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	26286	4.345	ug/l #	43
37) Ethyl Acetate	7.488	43	43951	7.330	ug/l #	63
38) Carbon Tetrachloride	8.230	117	32329	5.359	ug/l #	15
39) Methylcyclohexane	9.612	83	1695	0.282	ug/l #	75
40) Benzene	8.612	78	1050816	58.852	ug/l	100
41) Methacrylonitrile	7.788	41	1110	0.355	ug/l #	33
42) 1,2-Dichloroethane	8.606	62	10053	1.550	ug/l	75
49) 1,4-Dioxane	9.806	88	316	4.040	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	10139	1.700	ug/l	89
52) Toluene	10.635	92	649806	59.613	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	7373	1.138	ug/l #	56
55) 1,1,2-Trichloroethane	10.888	97	876136	203.238	ug/l #	20
56) Ethyl methacrylate	10.888	69	60147	9.879	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.194	63	2230	0.994	ug/l #	42
59) 2-Hexanone	11.200	43	5072	1.156	ug/l #	19
66) 1,1,1,2-Tetrachloroethane	11.970	131	1043	0.213	ug/l #	9
67) Ethyl Benzene	11.970	91	149729	6.451	ug/l	97
68) m/p-Xylenes	12.070	106	283769	33.056	ug/l	97
69) o-Xylene	12.400	106	171119	20.730	ug/l	94
70) Styrene	12.418	104	63457	4.799	ug/l #	58
73) Isopropylbenzene	12.694	105	12320	0.469	ug/l	99
74) N-amyl acetate	12.465	43	8253	0.791	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.935	83	5414	0.583	ug/l #	18
76) 1,2,3-Trichloropropane	13.076	75	6752	0.858	ug/l #	1
78) n-propylbenzene	13.041	91	19292	0.638	ug/l	95
79) 2-Chlorotoluene	13.100	91	9603	0.510	ug/l #	42

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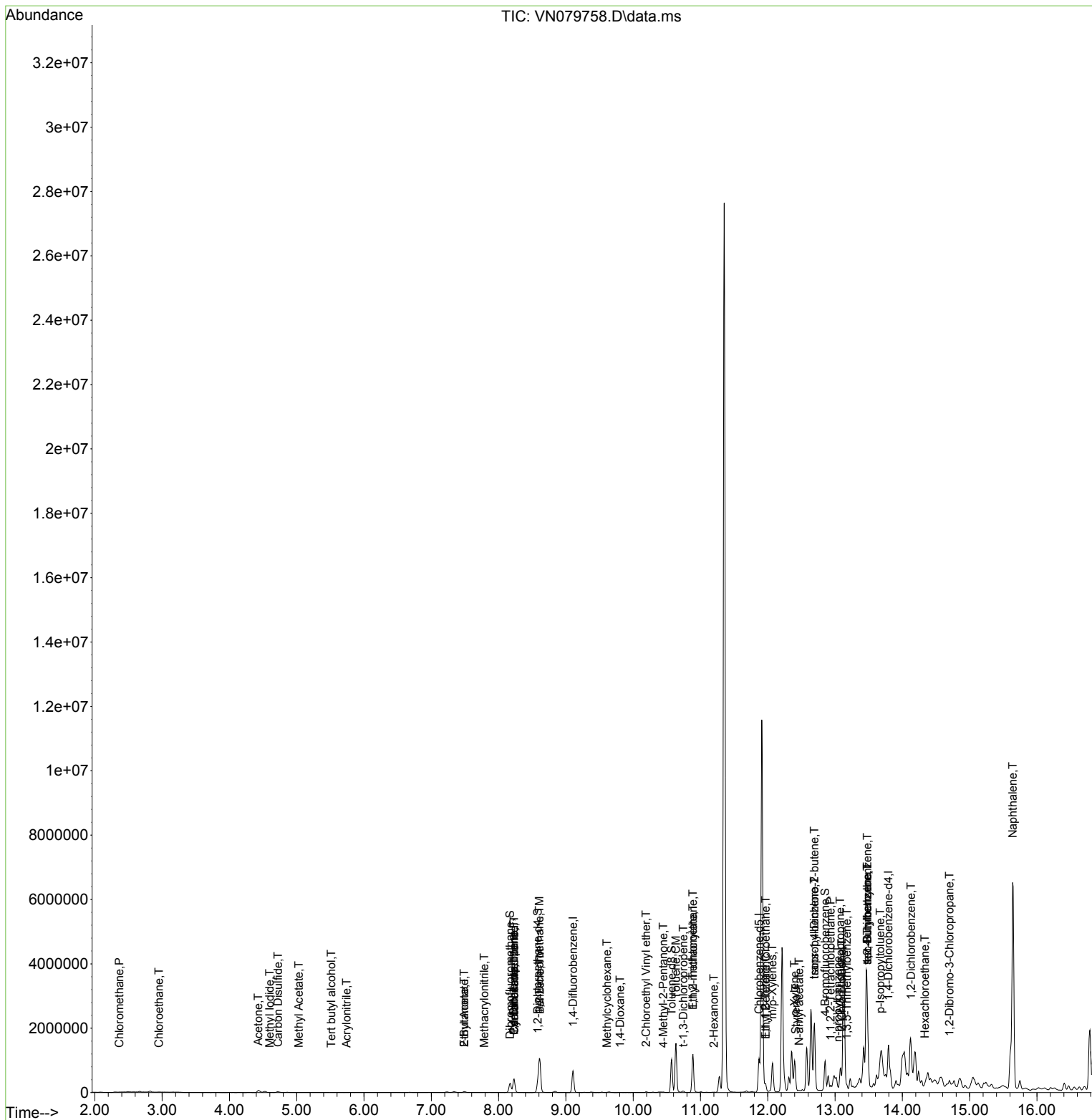
Quant Time: Nov 01 01:27:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
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 QLast Update : Tue Oct 31 07:23:24 2023
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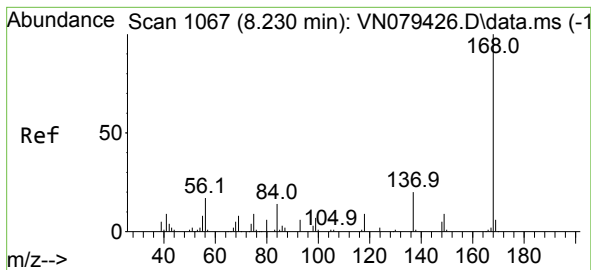
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.176	105	67387	3.150	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.694	75	19925	7.640	ug/l #	1
83) tert-Butylbenzene	13.482	119	25568	1.458	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.482	105	210382	10.195	ug/l	100
85) sec-Butylbenzene	13.482	105	210382	8.604	ug/l #	57
86) p-Isopropyltoluene	13.670	119	7731	0.397	ug/l	92
90) Hexachloroethane	14.335	117	2869	0.697	ug/l #	21
91) 1,2-Dichlorobenzene	14.129	146	3209	0.316	ug/l #	2
92) 1,2-Dibromo-3-Chloropr...	14.700	75	4109	2.868	ug/l #	4
95) Naphthalene	15.641	128	5789147	658.834	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

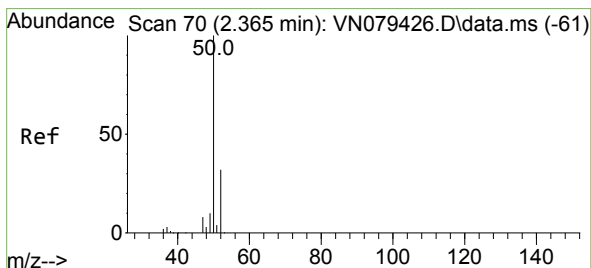
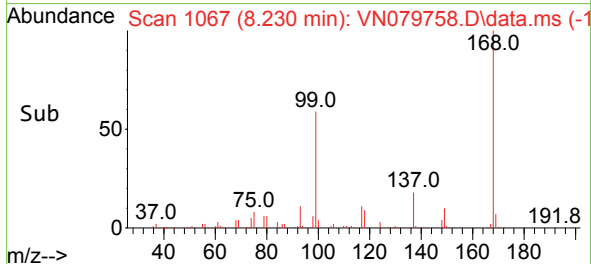
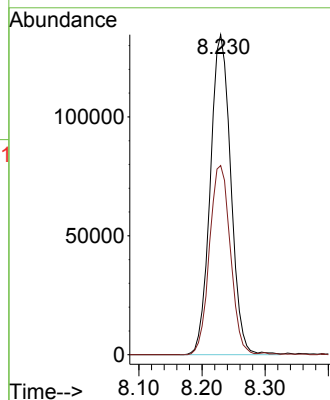
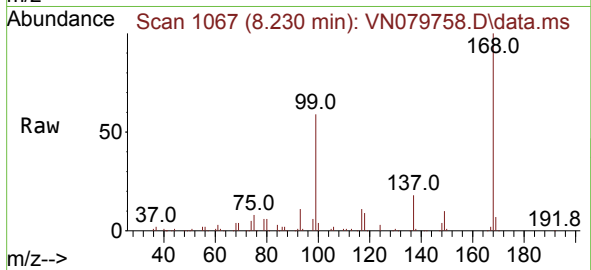
ClientSampleId :

Tgt Ion:168 Resp: 303494

Ion Ratio Lower Upper

168 100

99 59.1 53.0 79.6



#3

Chloromethane

Concen: 0.298 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079758.D

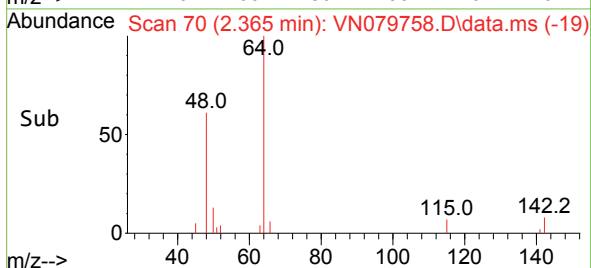
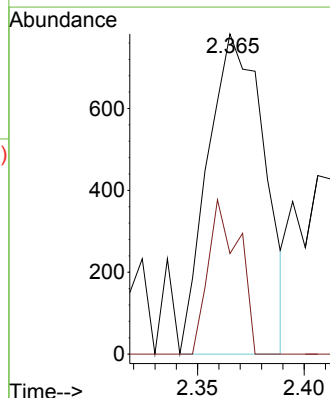
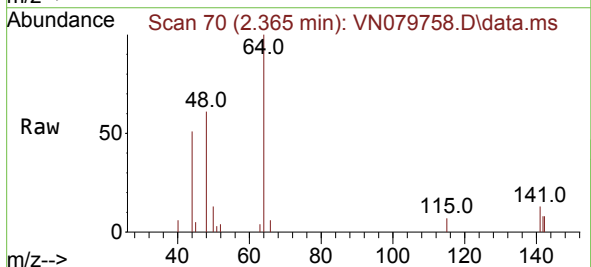
Acq: 31 Oct 2023 20:55

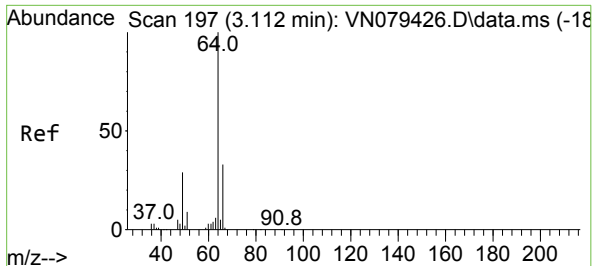
Tgt Ion: 50 Resp: 1446

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7

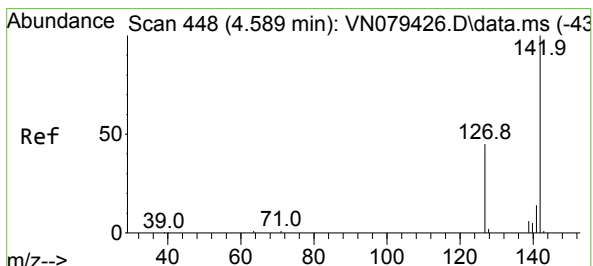
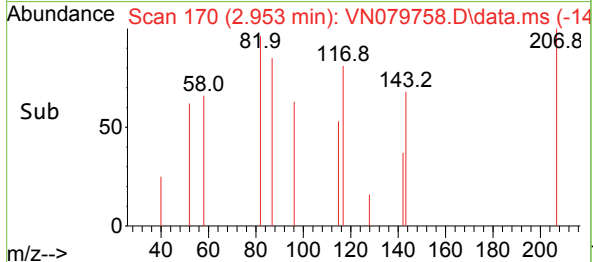
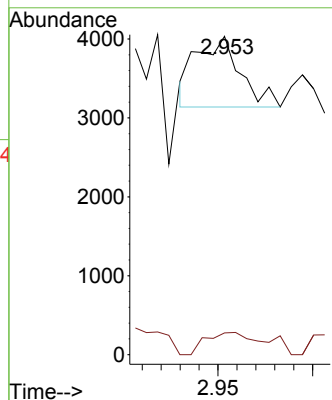
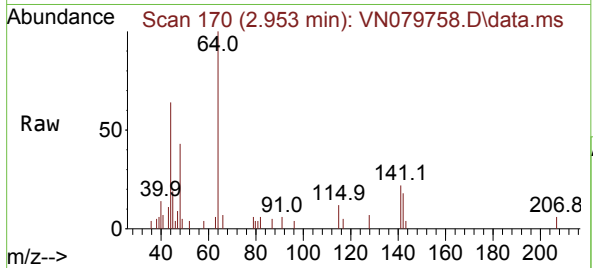




#6
Chloroethane
Concen: 0.378 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.159 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

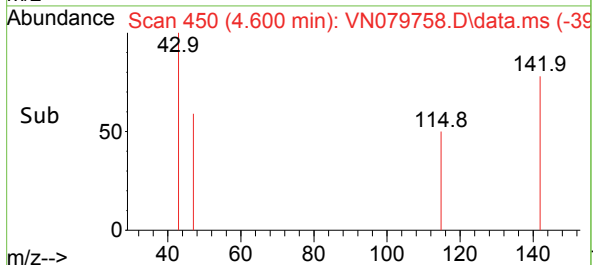
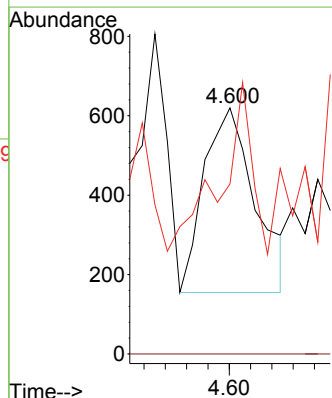
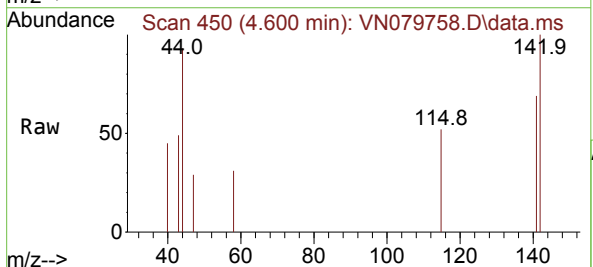
Instrument :
MSVOA_N
ClientSampleId :

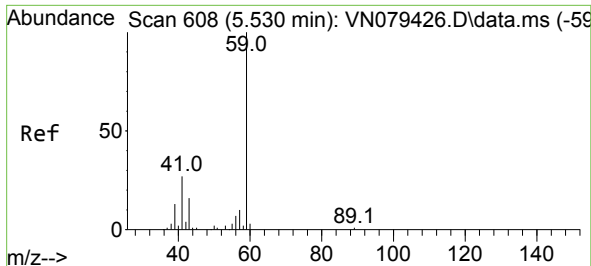
Tgt Ion: 64 Resp: 1447
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2



#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 142 Resp: 773
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 23.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 2.102 ug/l

RT: 5.512 min Scan# 608

Delta R.T. -0.018 min

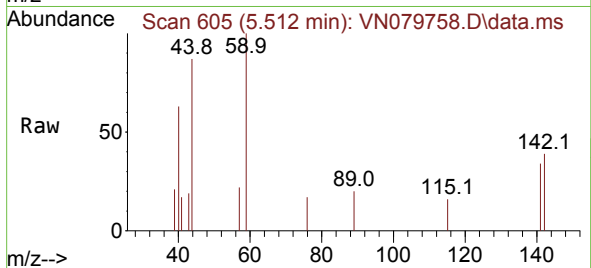
Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

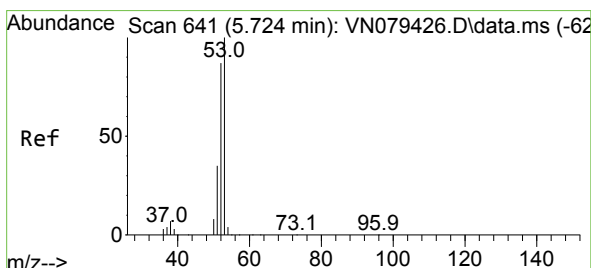
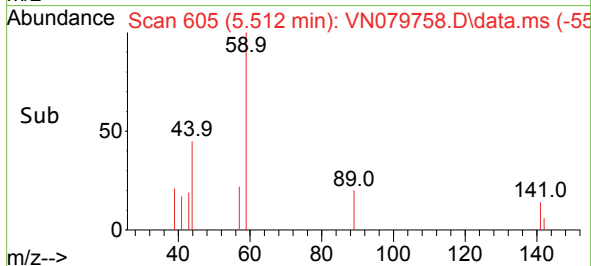
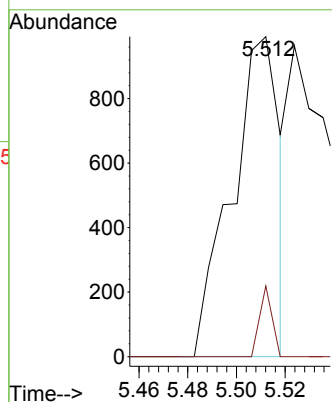


Tgt Ion: 59 Resp: 1359

Ion Ratio Lower Upper

59 100

57 5.7 8.2 12.4#



#15

Acrylonitrile

Concen: 0.228 ug/l

RT: 5.741 min Scan# 644

Delta R.T. 0.017 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

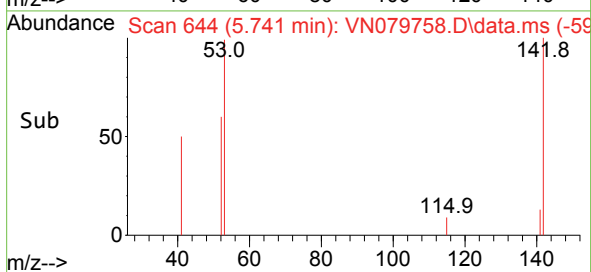
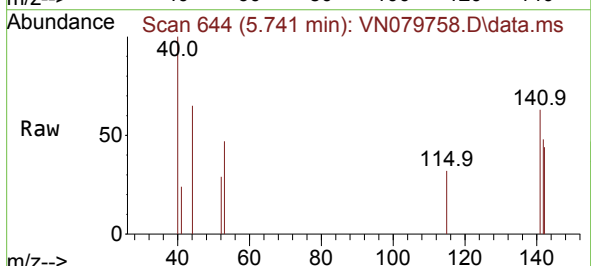
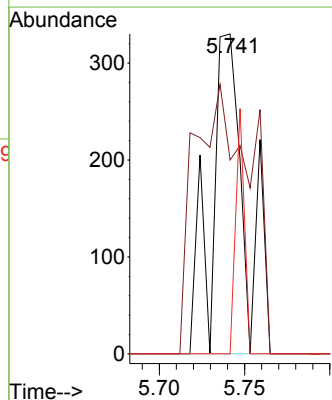
Tgt Ion: 53 Resp: 453

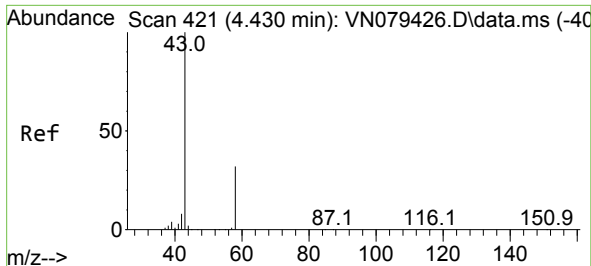
Ion Ratio Lower Upper

53 100

52 138.6 65.3 97.9#

51 19.6 28.9 43.3#





#16

Acetone

Concen: 59.801 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

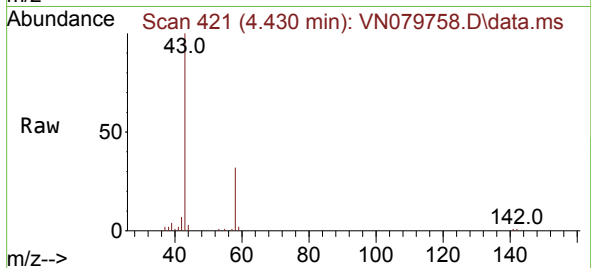
Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

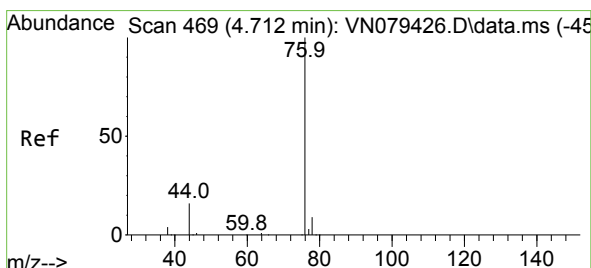
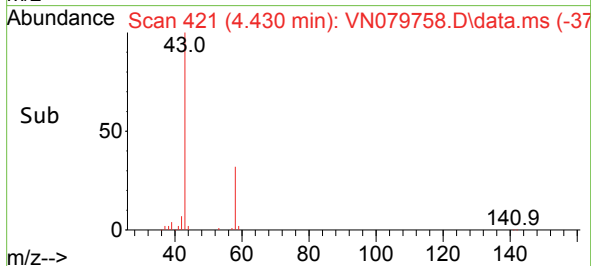
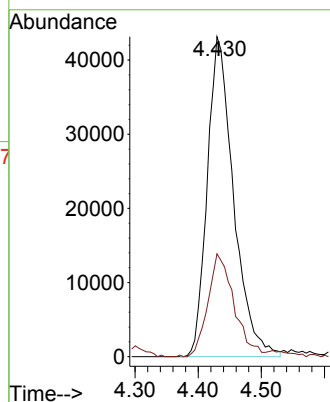


Tgt Ion: 43 Resp: 124694

Ion Ratio Lower Upper

43 100

58 31.6 28.0 42.0



#17

Carbon Disulfide

Concen: 1.038 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.012 min

Lab File: VN079758.D

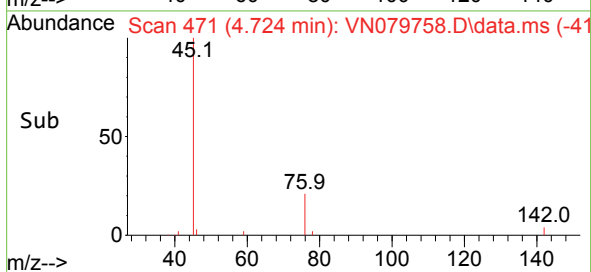
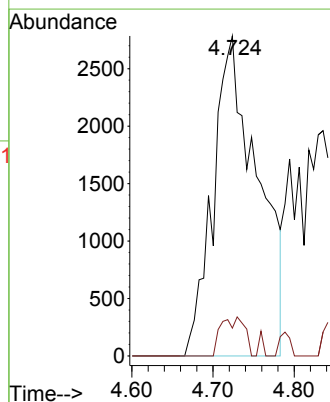
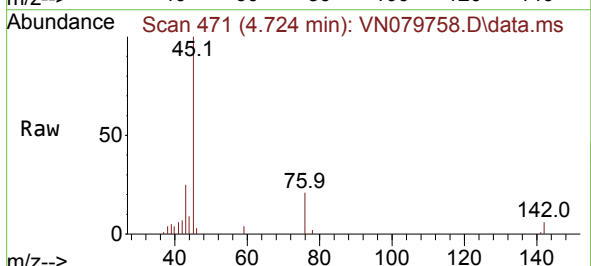
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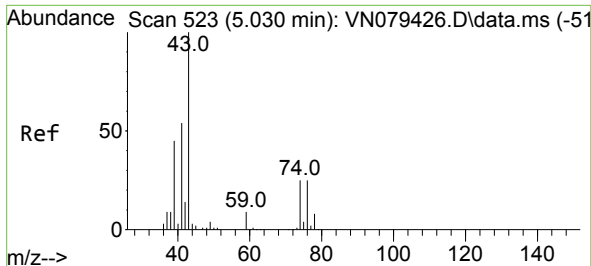
Tgt Ion: 76 Resp: 10568

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

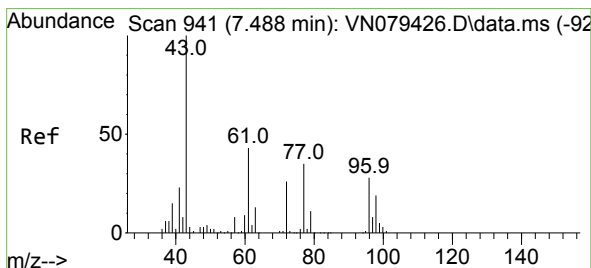
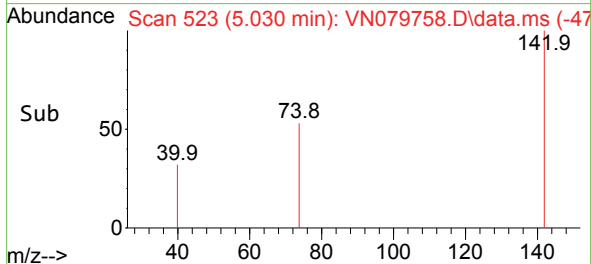
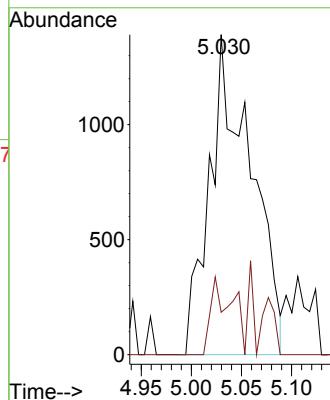
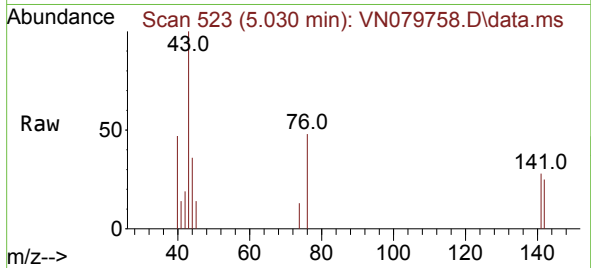




#18
Methyl Acetate
Concen: 0.478 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

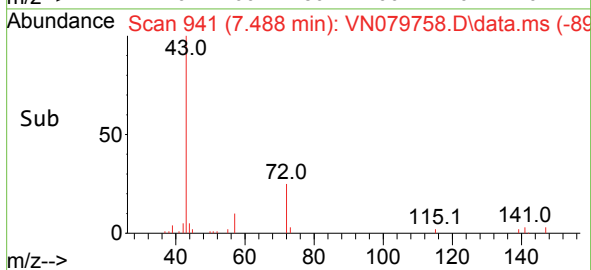
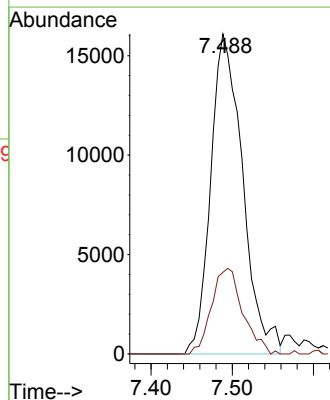
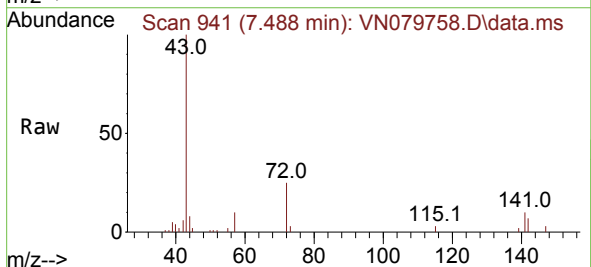
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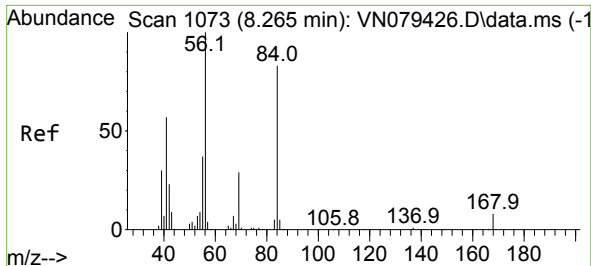
Tgt Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
74 12.3 26.2 39.4#



#25
2-Butanone
Concen: 15.345 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

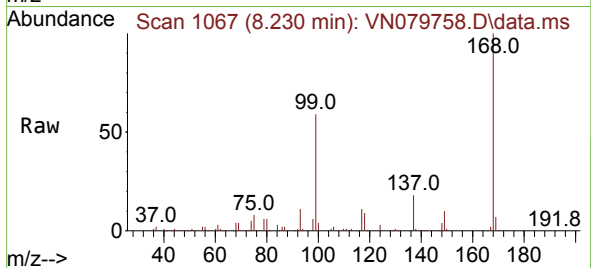
Tgt Ion: 43 Resp: 43951
Ion Ratio Lower Upper
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72 25.5 30.2 45.2#



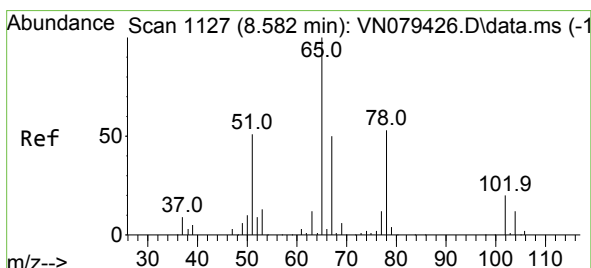
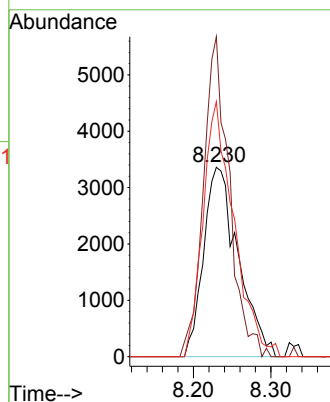
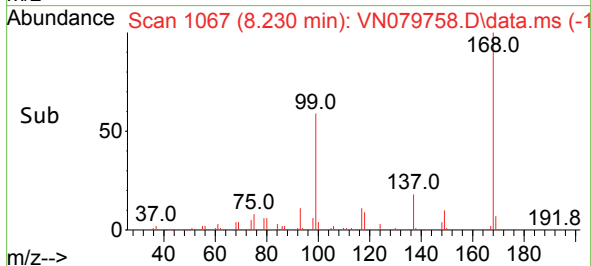


#31
Cyclohexane
Concen: 1.570 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Instrument :
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ClientSampleId :

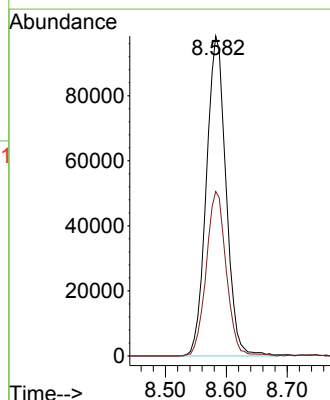
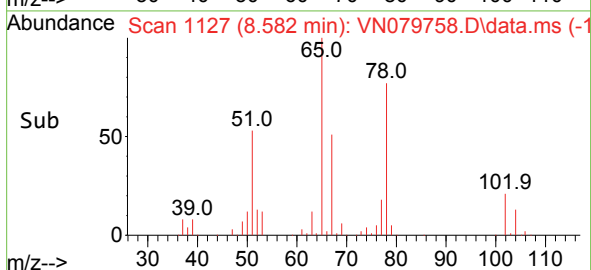
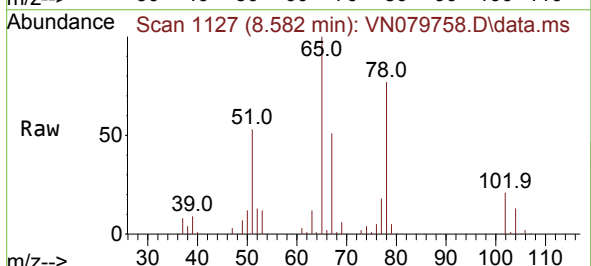


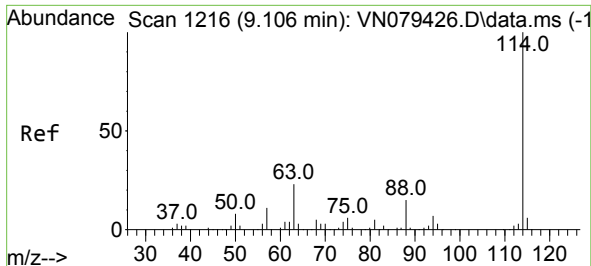
Tgt Ion: 56 Resp: 10437
Ion Ratio Lower Upper
56 100
69 168.9 26.8 40.2#
84 146.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.208 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 65 Resp: 220333
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

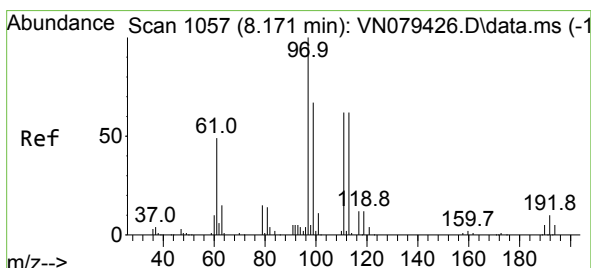
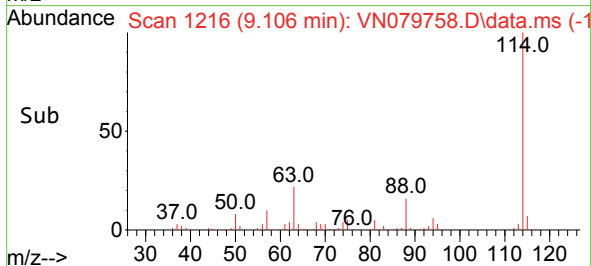
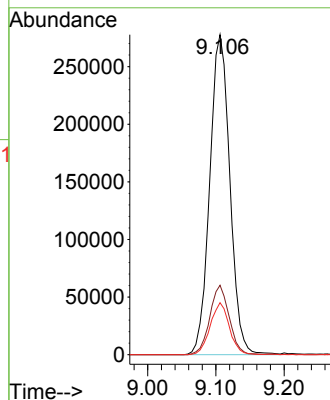
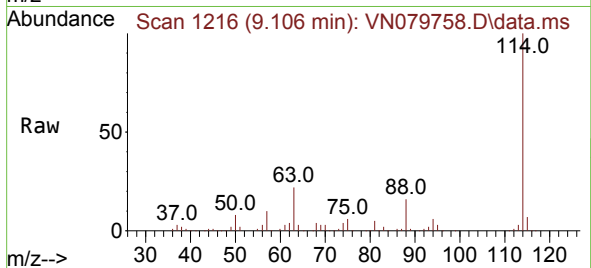
Tgt Ion:114 Resp: 570702

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

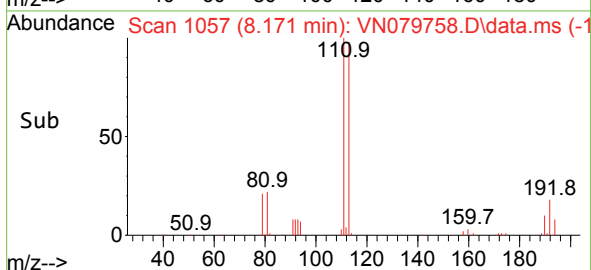
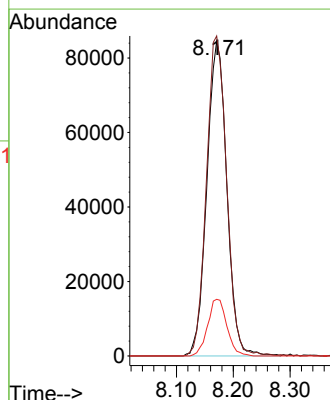
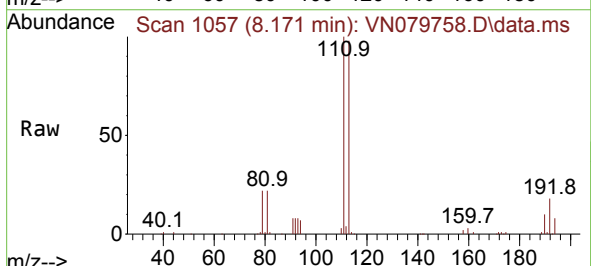
Tgt Ion:113 Resp: 205917

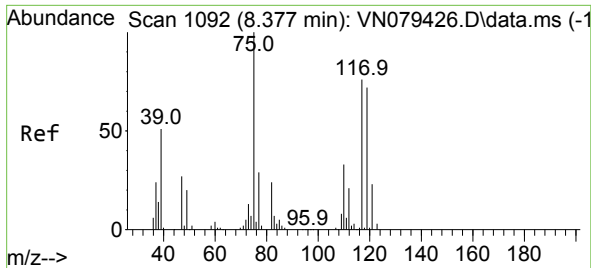
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

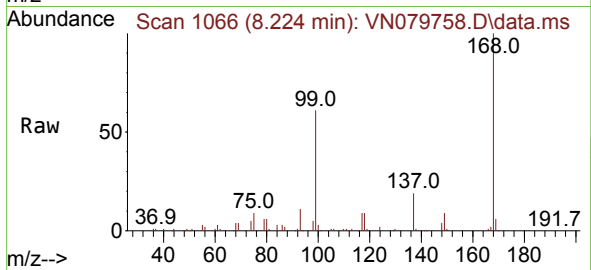
192 17.3 12.7 19.1



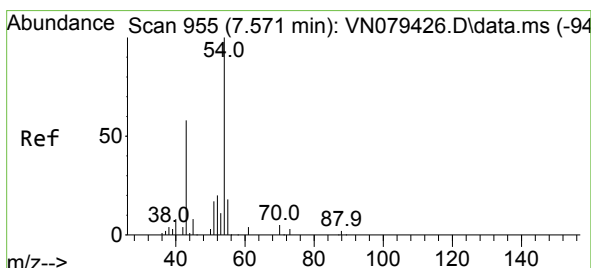
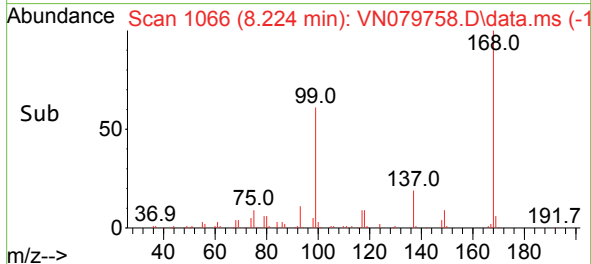
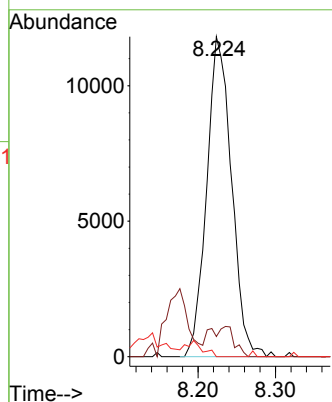


#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :

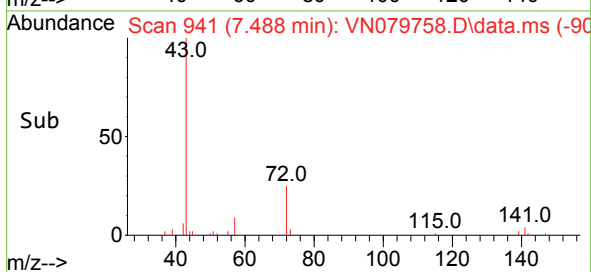
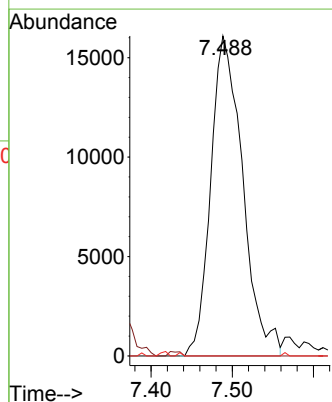
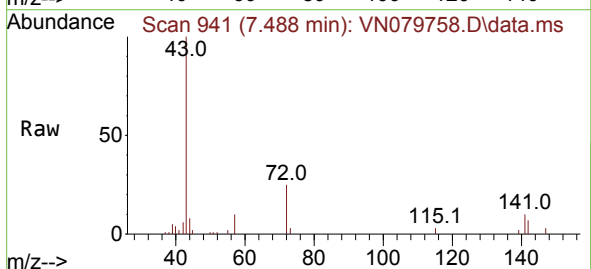


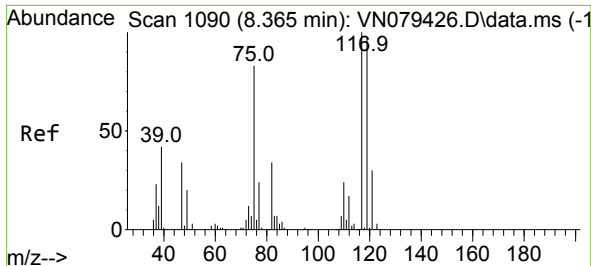
Tgt Ion: 75 Resp: 26286
Ion Ratio Lower Upper
75 100
110 3.7 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 7.330 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.083 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

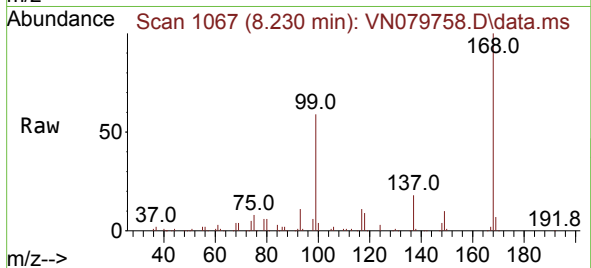
Tgt Ion: 43 Resp: 43951
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



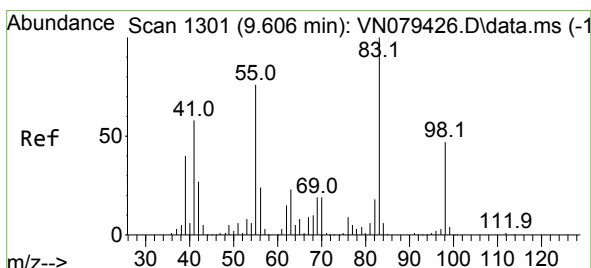
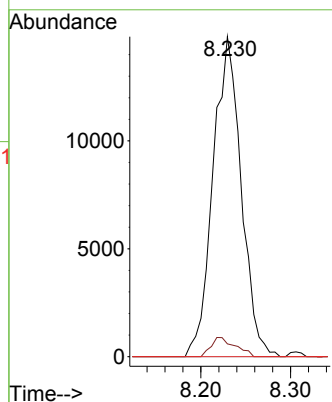
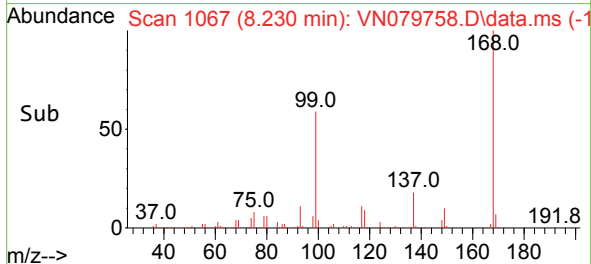


#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :

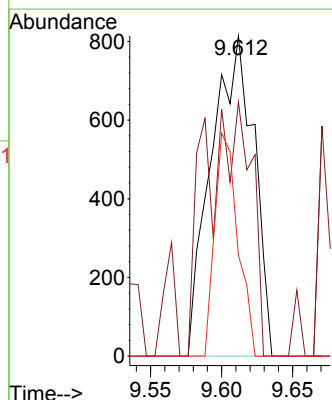
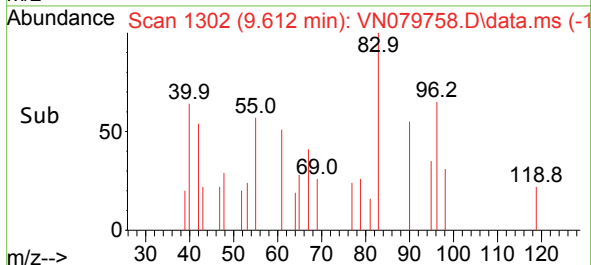
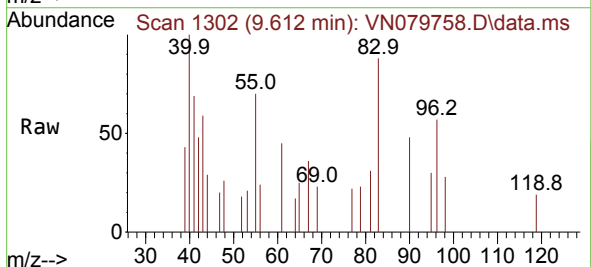


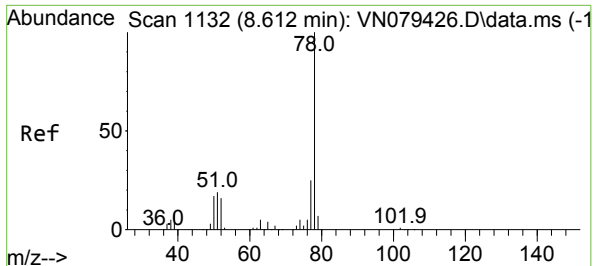
Tgt Ion:117 Resp: 32329
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.282 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 83 Resp: 1695
Ion Ratio Lower Upper
83 100
55 79.4 49.1 73.7#
98 31.4 40.6 61.0#

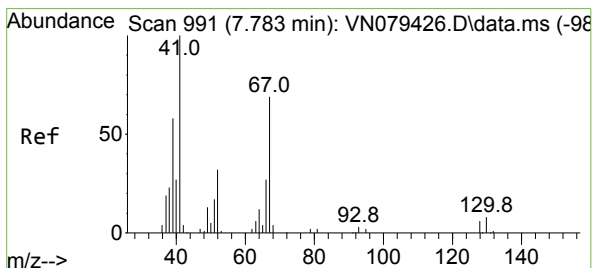
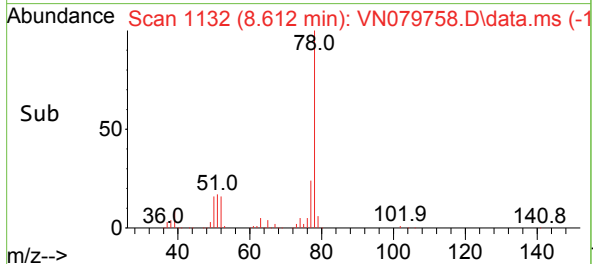
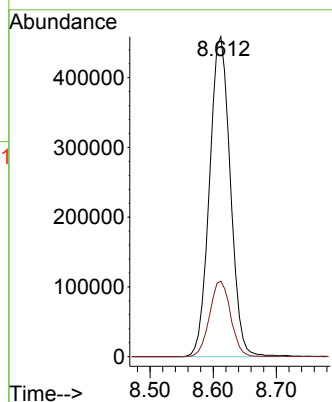
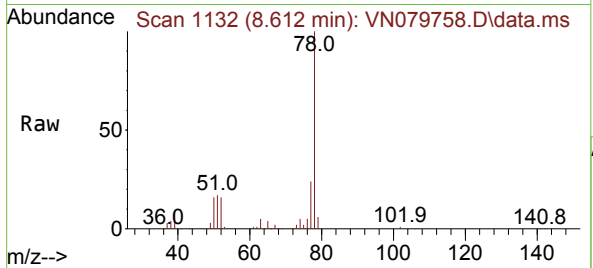




#40
Benzene
Concen: 58.852 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

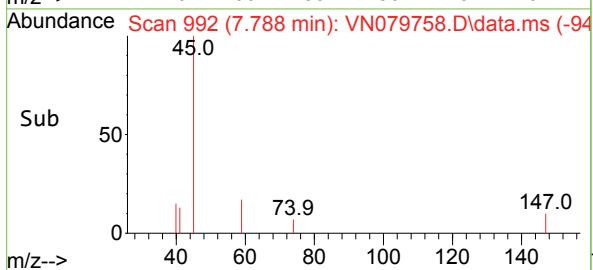
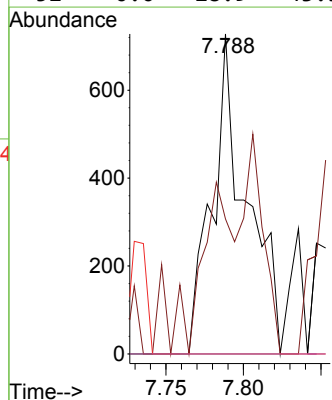
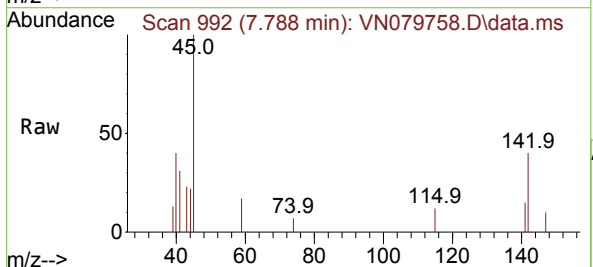
Instrument :
MSVOA_N
ClientSampleId :

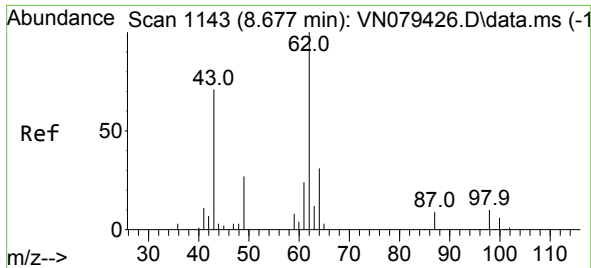
Tgt Ion: 78 Resp: 1050816
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#41
Methacrylonitrile
Concen: 0.355 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.005 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 41 Resp: 1110
Ion Ratio Lower Upper
41 100
39 44.6 42.6 64.0
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 1.550 ug/l

RT: 8.606 min Scan# 1143

Delta R.T. -0.071 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

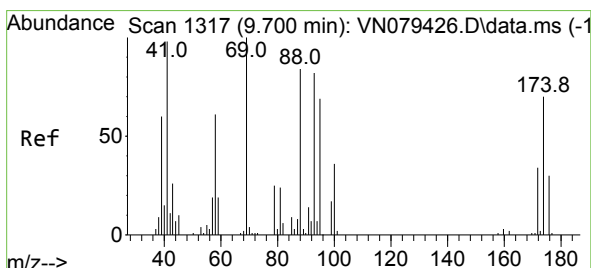
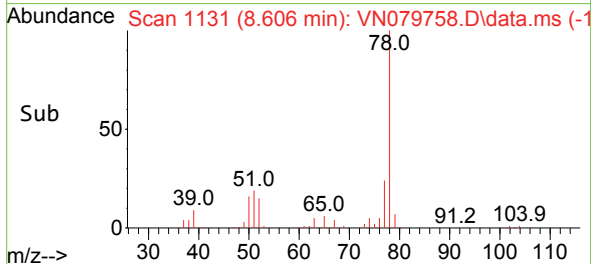
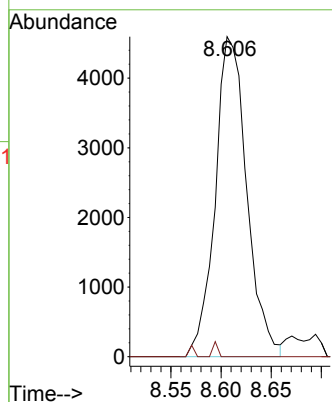
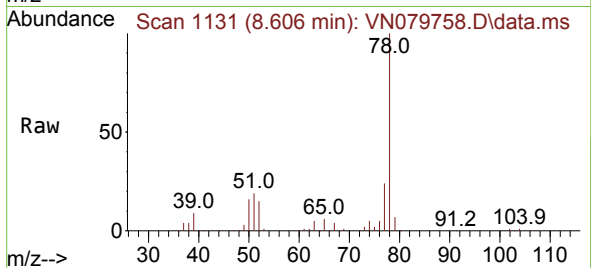
ClientSampleId :

Tgt Ion: 62 Resp: 10053

Ion Ratio Lower Upper

62 100

98 0.8 0.0 19.8



#49

1,4-Dioxane

Concen: 4.040 ug/l

RT: 9.806 min Scan# 1335

Delta R.T. 0.106 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

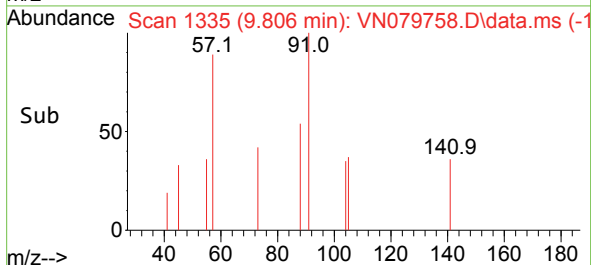
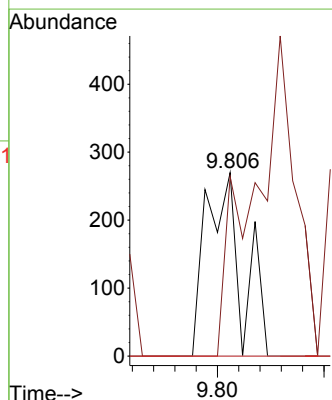
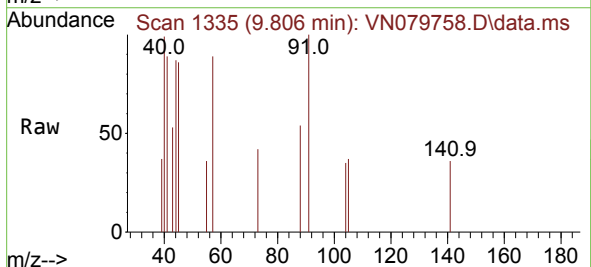
Tgt Ion: 88 Resp: 316

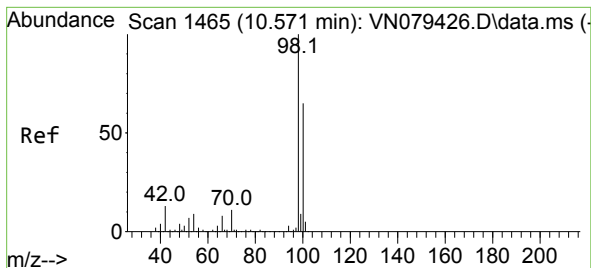
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

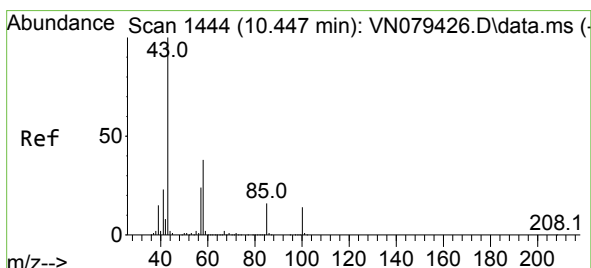
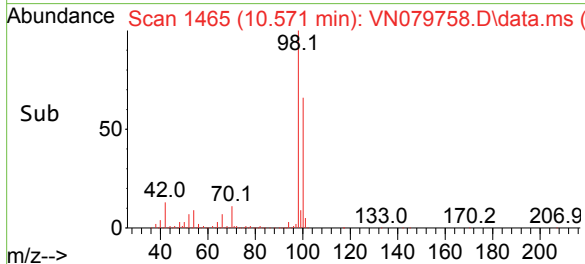
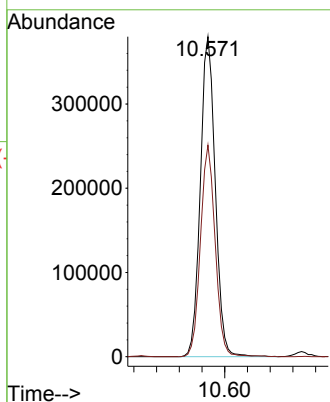
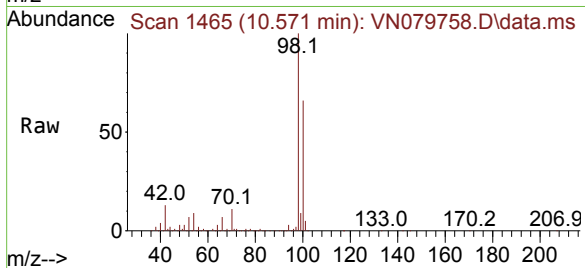




#50
Toluene-d8
Concen: 45.487 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

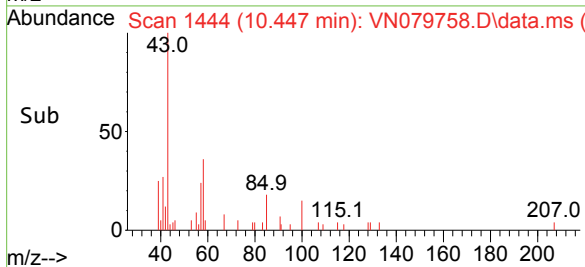
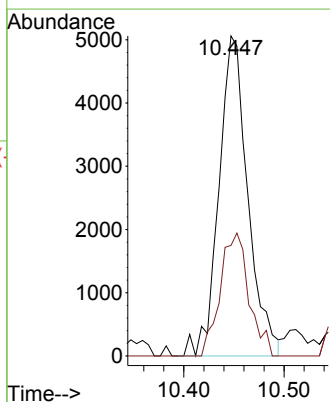
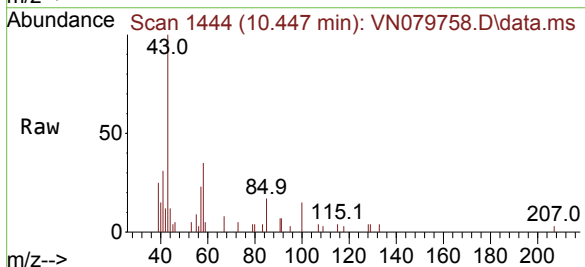
Instrument :
MSVOA_N
ClientSampleId :

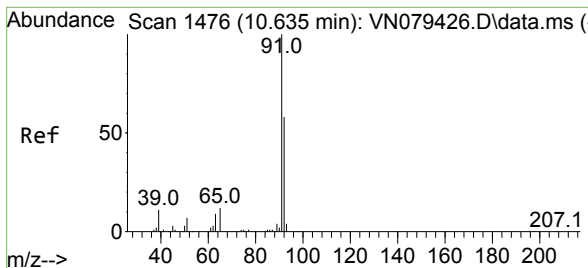
Tgt Ion: 98 Resp: 691493
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.700 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 43 Resp: 10139
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8





#52

Toluene

Concen: 59.613 ug/l

RT: 10.635 min Scan# 14

Delta R.T. 0.000 min

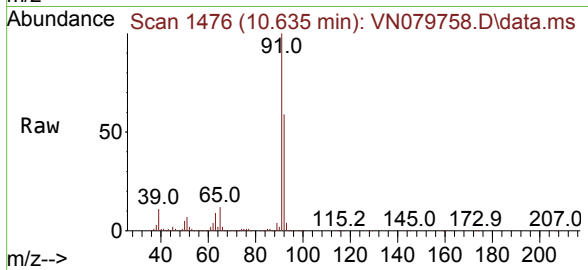
Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

ClientSampleId :

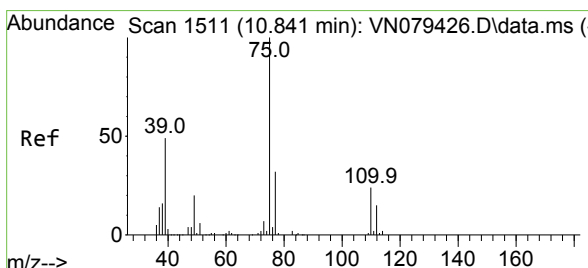
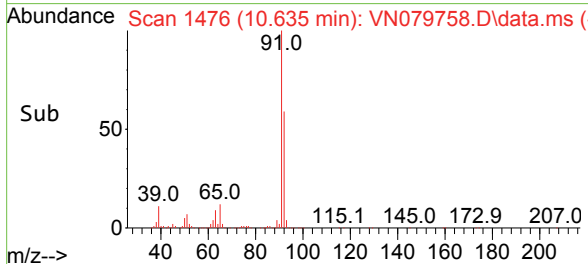
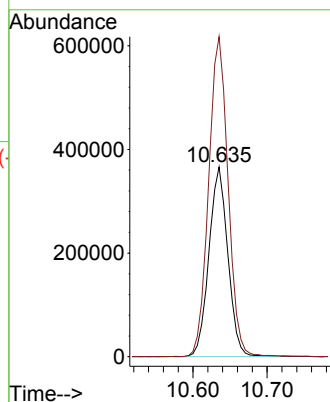


Tgt Ion: 92 Resp: 649806

Ion Ratio Lower Upper

92 100

91 173.7 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 1.138 ug/l

RT: 10.747 min Scan# 1495

Delta R.T. -0.094 min

Lab File: VN079758.D

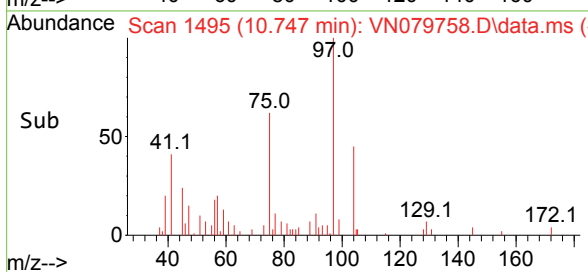
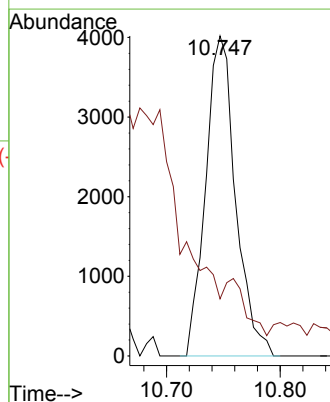
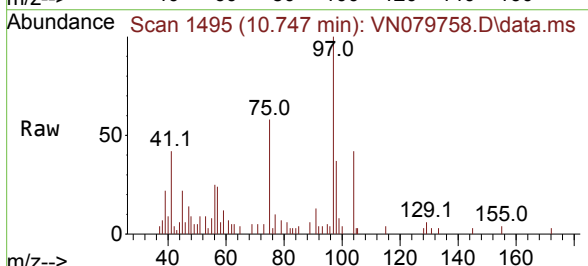
Acq: 31 Oct 2023 20:55

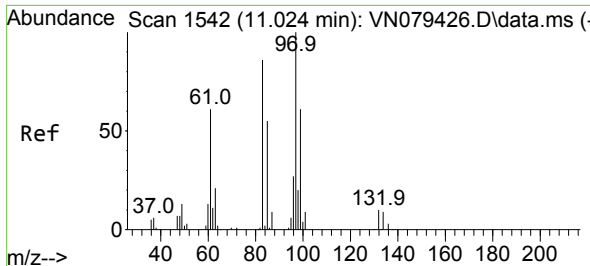
Tgt Ion: 75 Resp: 7373

Ion Ratio Lower Upper

75 100

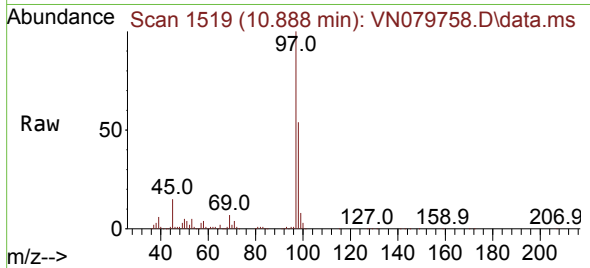
77 7.4 25.4 38.0#



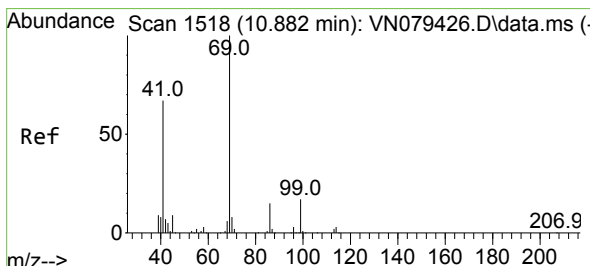
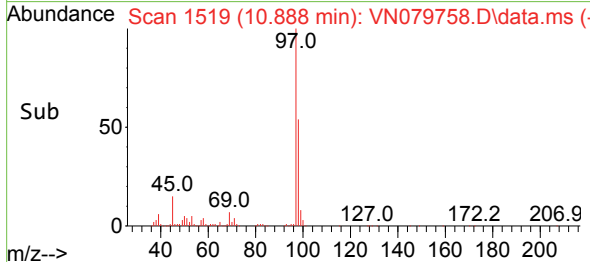
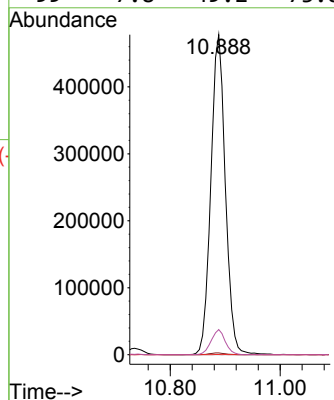


#55
1,1,2-Trichloroethane
Concen: 203.238 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. -0.136 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :

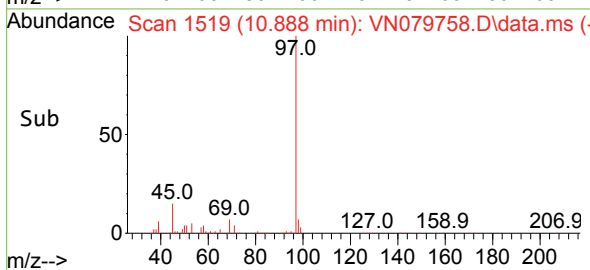
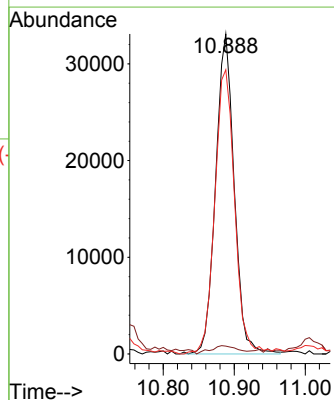
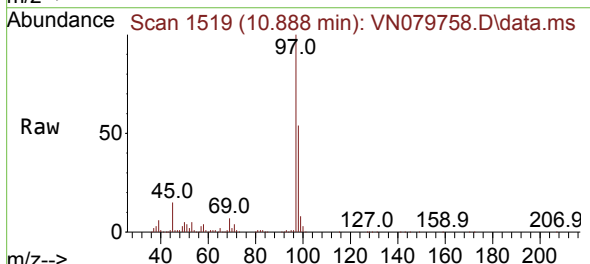


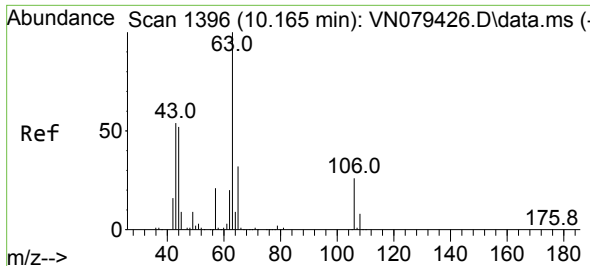
Tgt Ion: 97 Resp: 876136
Ion Ratio Lower Upper
97 100
83 0.6 65.1 97.7#
85 0.1 43.4 65.2#
99 7.8 49.2 73.8#



#56
Ethyl methacrylate
Concen: 9.879 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 69 Resp: 60147
Ion Ratio Lower Upper
69 100
41 3.7 39.6 59.4#
39 94.7 28.6 43.0#

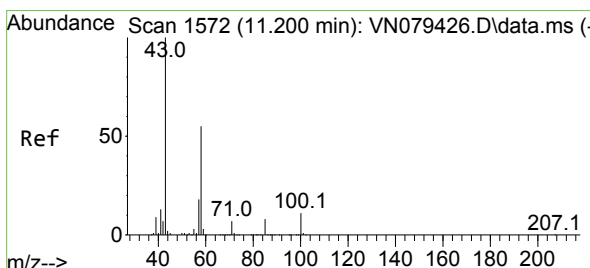
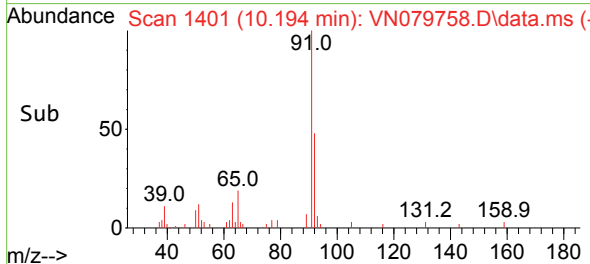
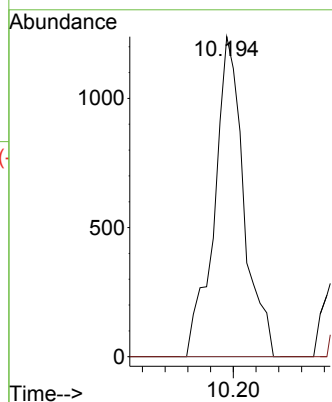
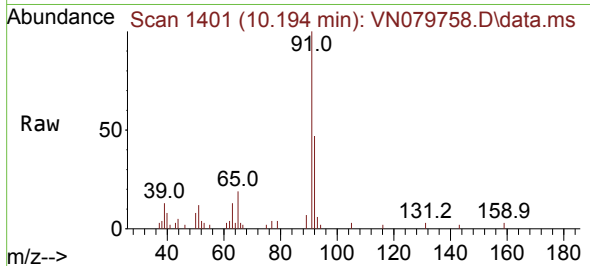




#58
2-Chloroethyl Vinyl ether
Concen: 0.994 ug/l
RT: 10.194 min Scan# 1401
Delta R.T. 0.029 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

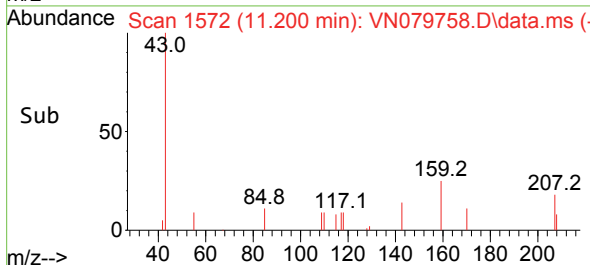
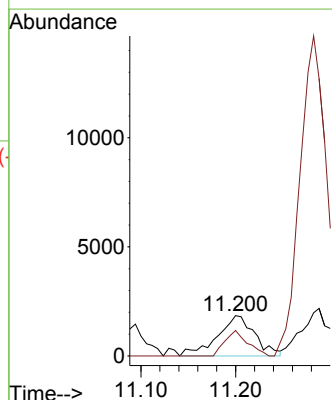
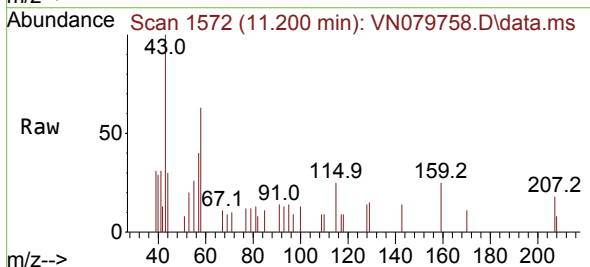
Instrument :
MSVOA_N
ClientSampleId :

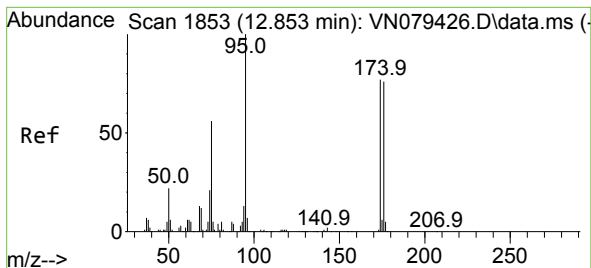
Tgt Ion: 63 Resp: 2230
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.156 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 43 Resp: 5072
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

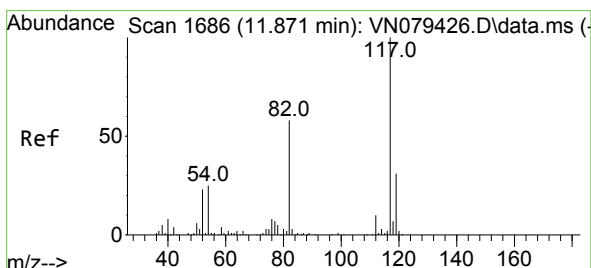
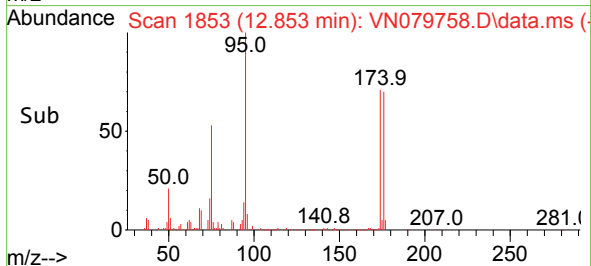
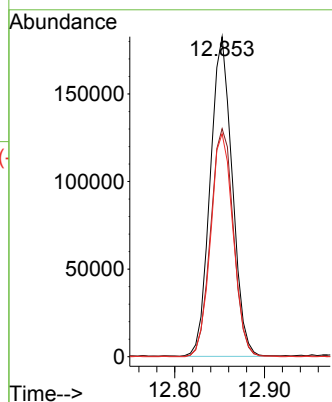
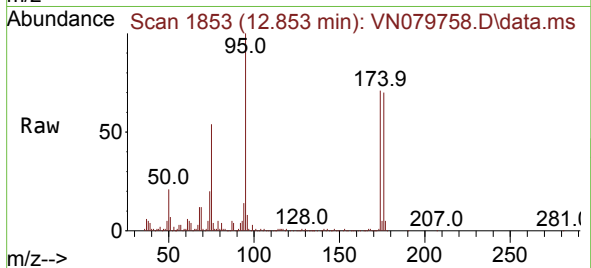




#62
4-Bromofluorobenzene
Concen: 65.075 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

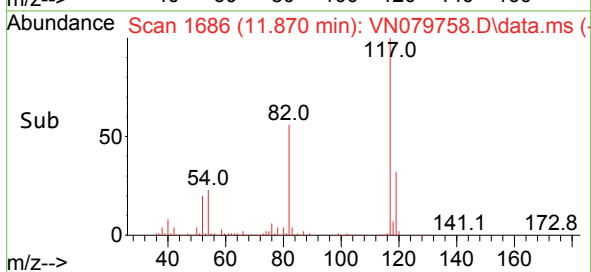
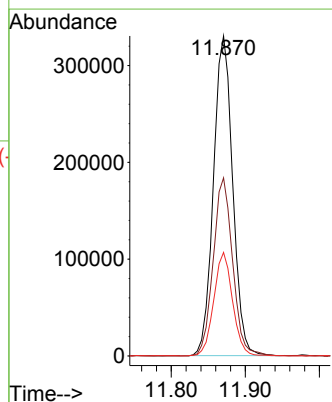
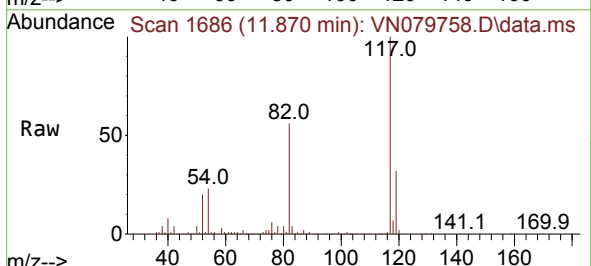
Instrument :
MSVOA_N
ClientSampleId :

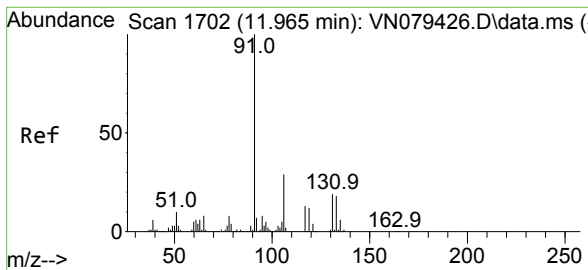
Tgt Ion: 95 Resp: 311534
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 117 Resp: 595231
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.3 25.6 38.4

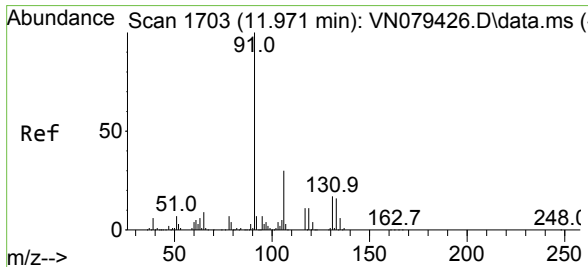
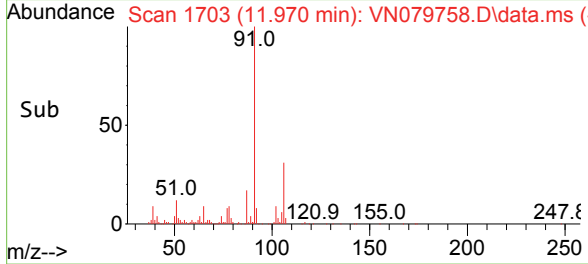
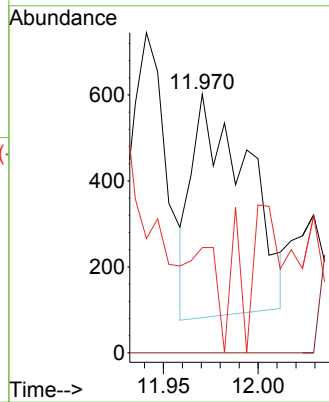
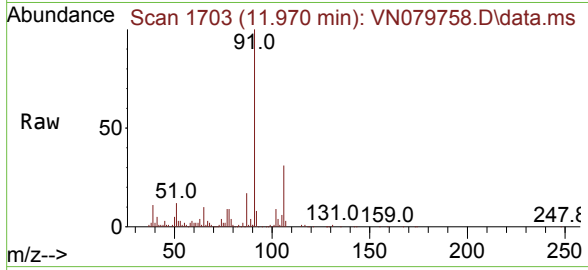




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.213 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.005 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

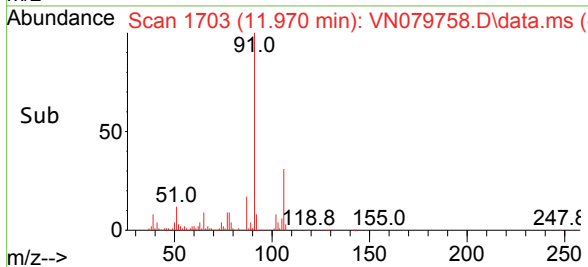
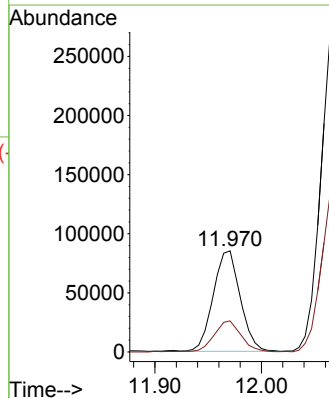
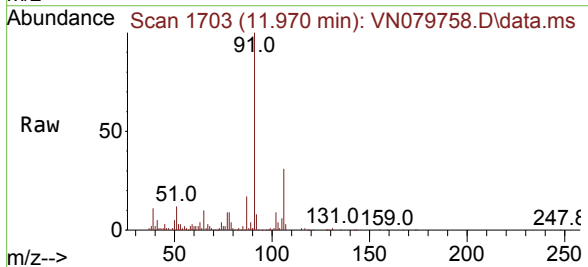
Instrument :
 MSVOA_N
 ClientSampleId :

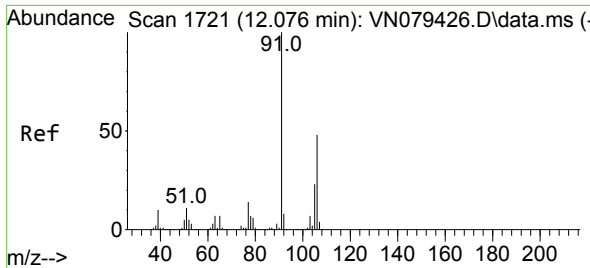
Tgt Ion:	131	Resp:	1043
Ion Ratio	Lower	Upper	
131	100		
133	0.0	46.4	139.1#
119	0.0	34.1	102.2#



#67
 Ethyl Benzene
 Concen: 6.451 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. -0.001 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

Tgt Ion:	91	Resp:	149729
Ion Ratio	Lower	Upper	
91	100		
106	30.6	25.6	38.4

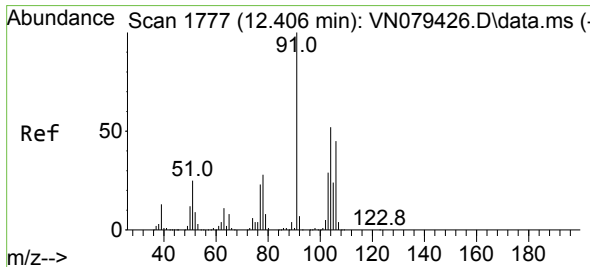
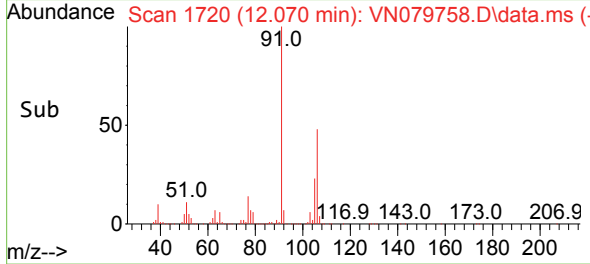
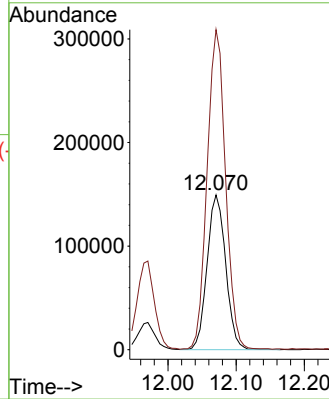
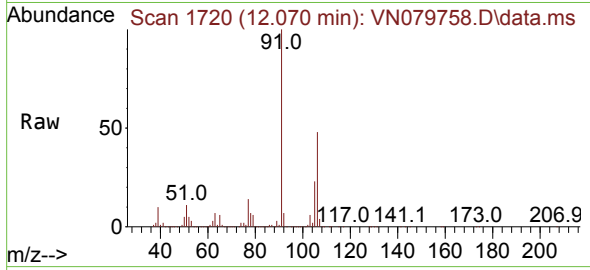




#68
m/p-Xylenes
Concen: 33.056 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

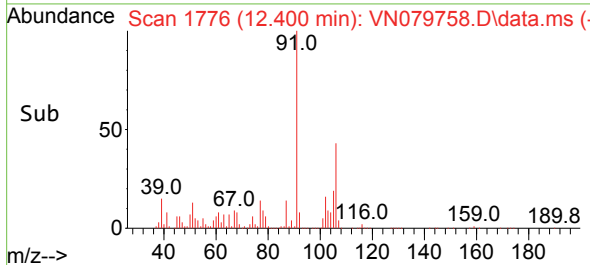
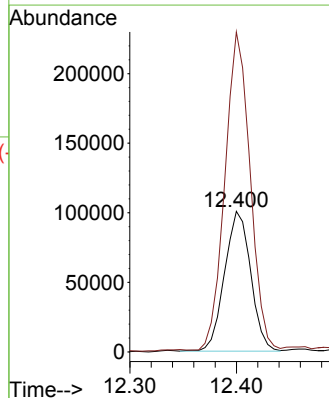
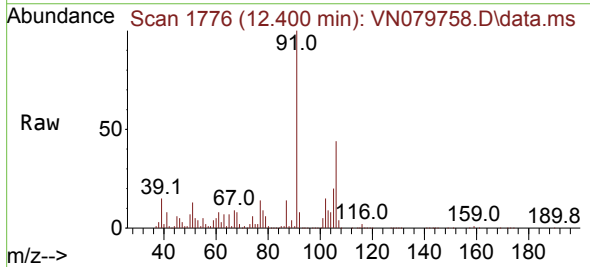
Instrument :
MSVOA_N
ClientSampleId :

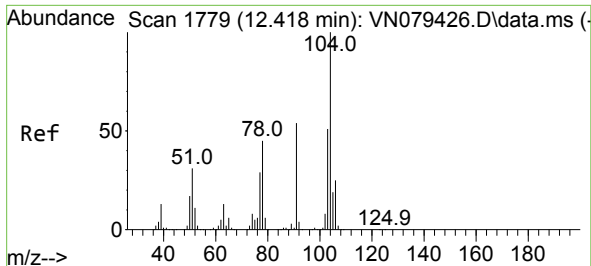
Tgt Ion:106 Resp: 283769
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4



#69
o-Xylene
Concen: 20.730 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

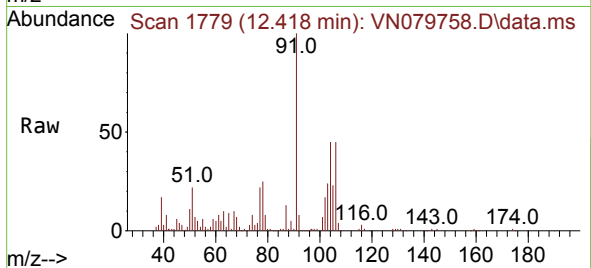
Tgt Ion:106 Resp: 171119
Ion Ratio Lower Upper
106 100
91 219.2 105.2 315.5



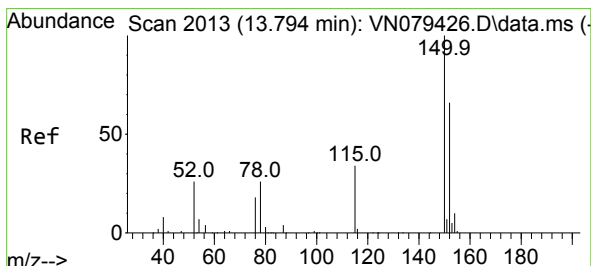
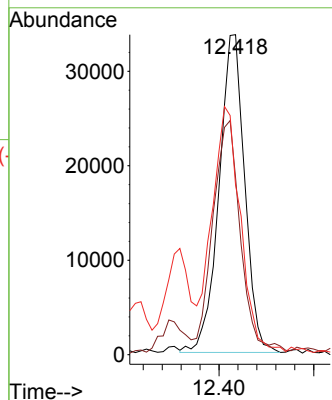
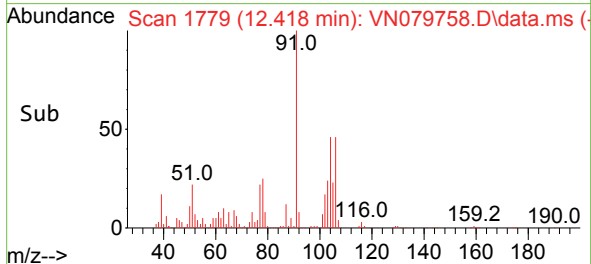


#70
Styrene
Concen: 4.799 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

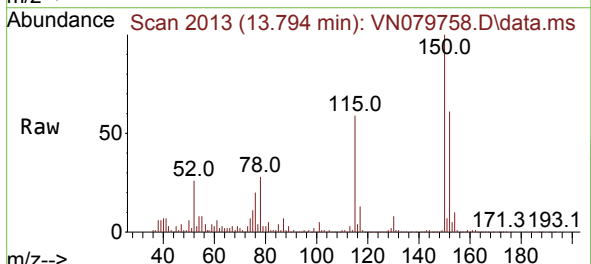
Instrument :
MSVOA_N
ClientSampleId :



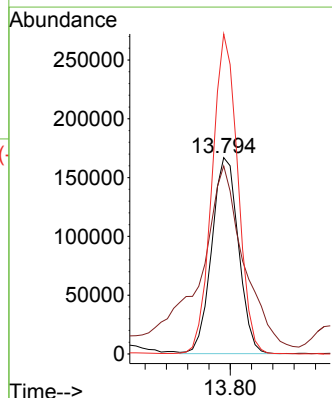
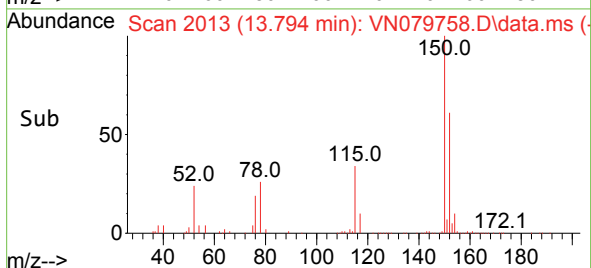
Tgt Ion:104 Resp: 63457
Ion Ratio Lower Upper
104 100
78 77.4 39.5 59.3#
103 85.3 43.2 64.8#

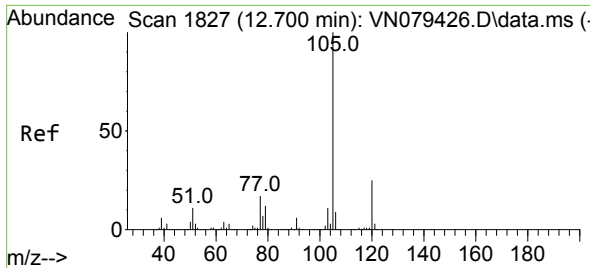


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55



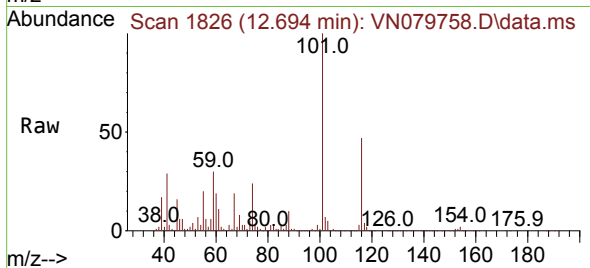
Tgt Ion:152 Resp: 289712
Ion Ratio Lower Upper
152 100
115 151.1 32.3 96.8#
150 157.5 0.0 355.8



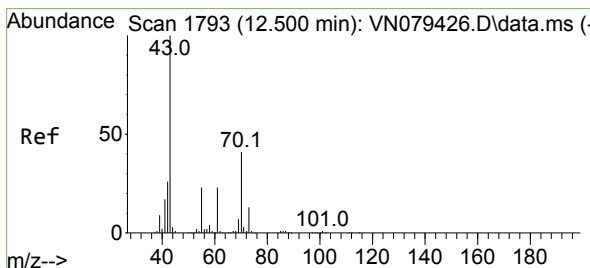
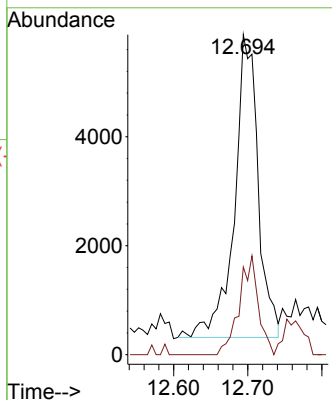
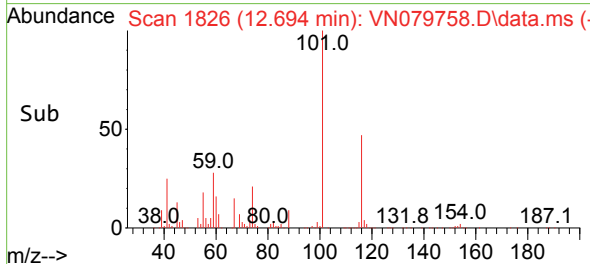


#73
Isopropylbenzene
Concen: 0.469 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

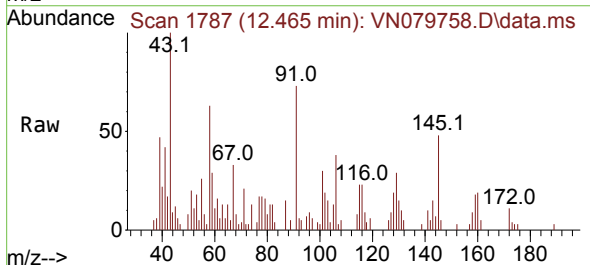
Instrument :
MSVOA_N
ClientSampleId :



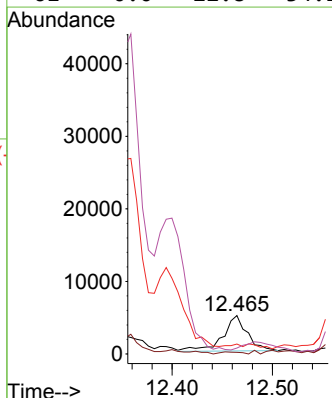
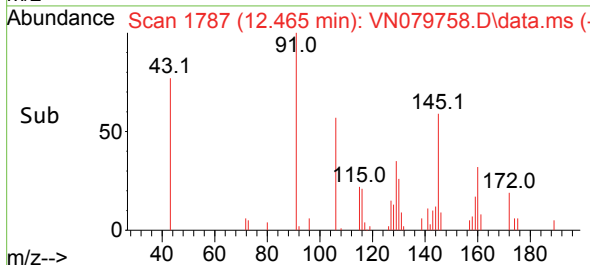
Tgt Ion:105 Resp: 12320
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

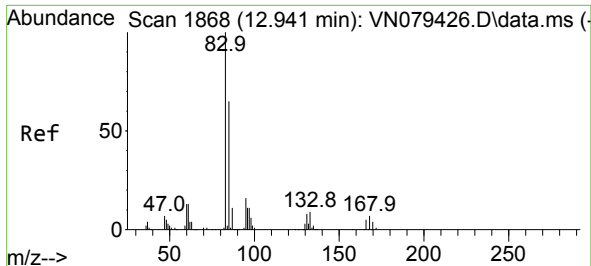


#74
N-ethyl acetate
Concen: 0.791 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.035 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55



Tgt Ion: 43 Resp: 8253
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#

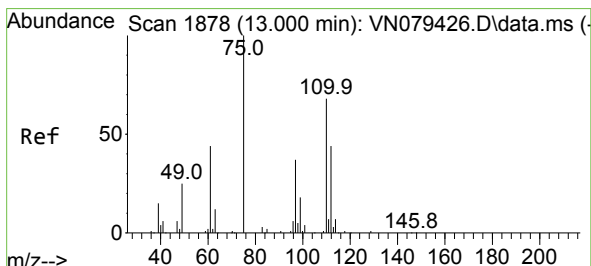
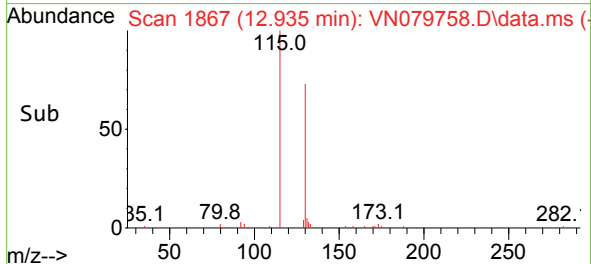
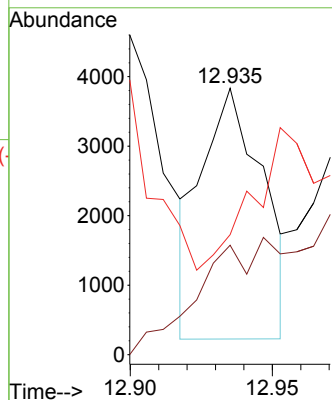
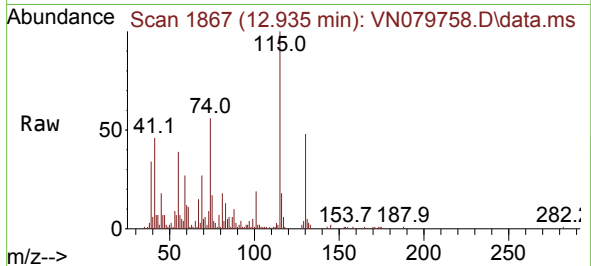




#75
1,1,2,2-Tetrachloroethane
Concen: 0.583 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

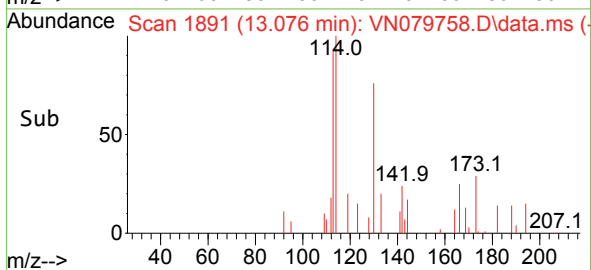
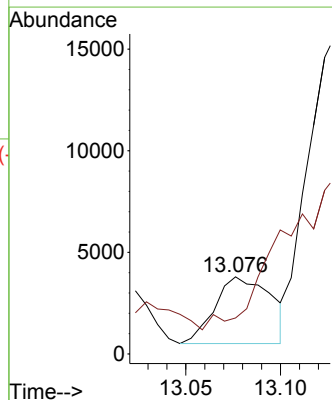
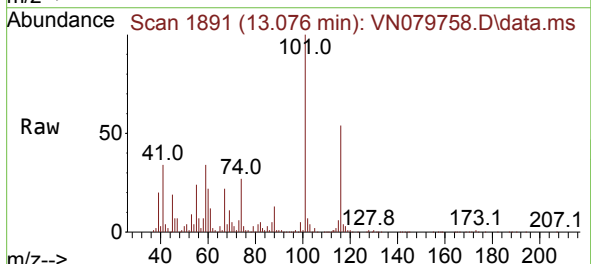
Instrument :
MSVOA_N
ClientSampleId :

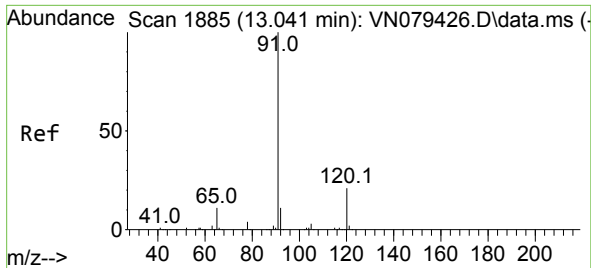
Tgt Ion: 83 Resp: 5414
Ion Ratio Lower Upper
83 100
131 40.8 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 0.858 ug/l
RT: 13.076 min Scan# 1891
Delta R.T. 0.076 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 75 Resp: 6752
Ion Ratio Lower Upper
75 100
77 0.0 84.5 253.5#

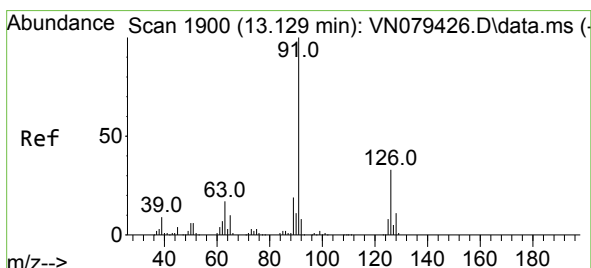
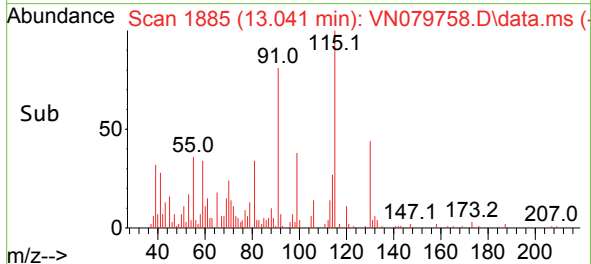
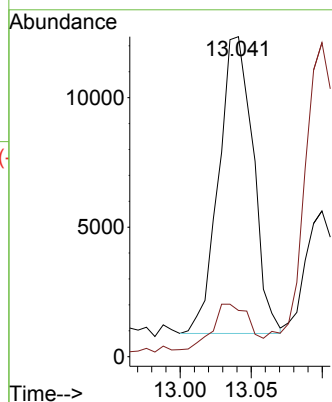
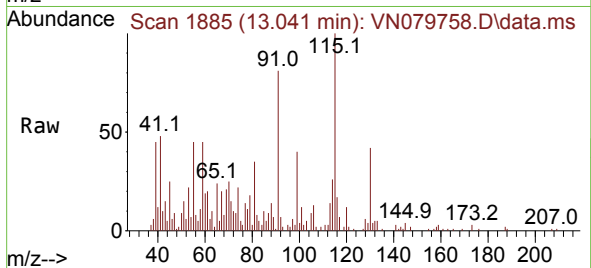




#78
n-propylbenzene
Concen: 0.638 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

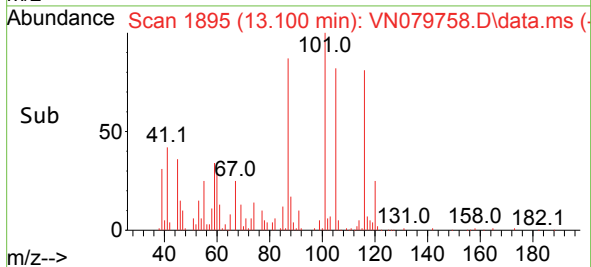
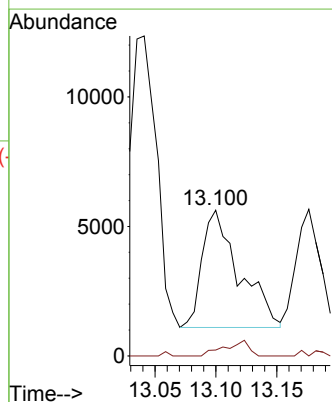
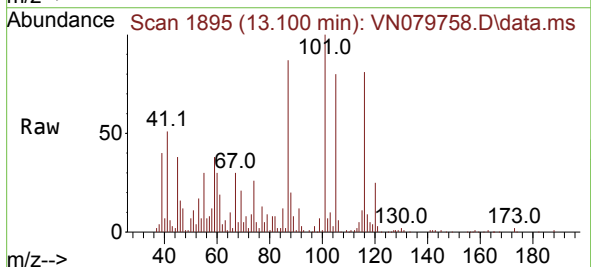
Instrument :
MSVOA_N
ClientSampleId :

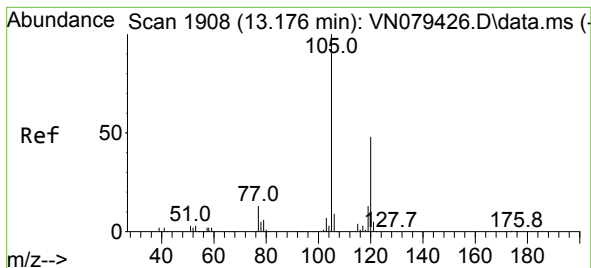
Tgt Ion: 91 Resp: 19292
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.510 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion: 91 Resp: 9603
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 3.150 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

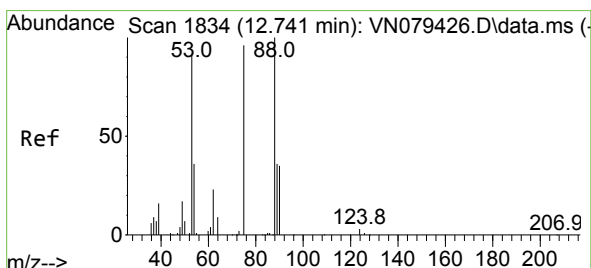
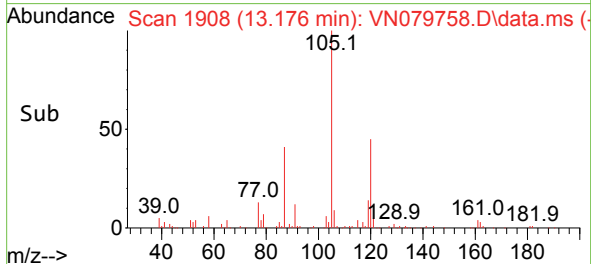
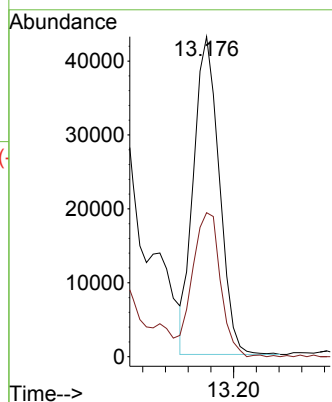
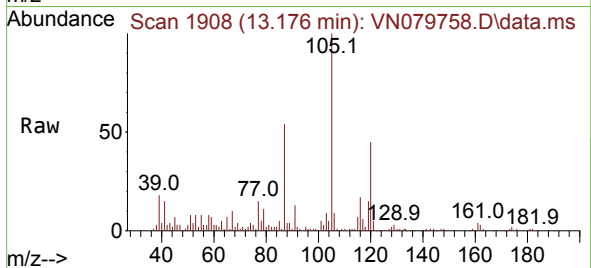
ClientSampleId :

Tgt Ion:105 Resp: 67387

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 7.640 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.047 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

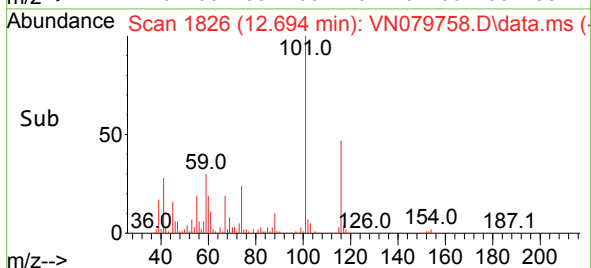
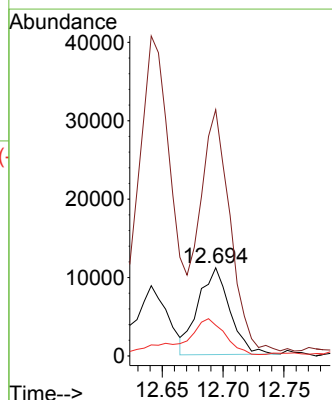
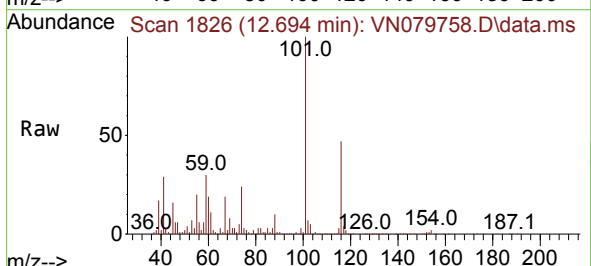
Tgt Ion: 75 Resp: 19925

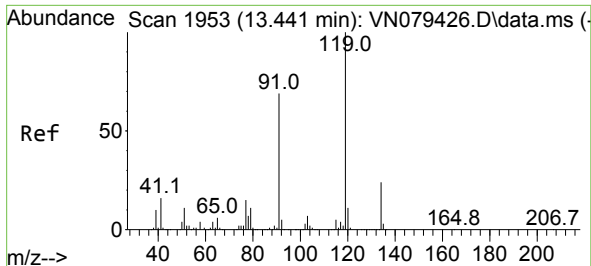
Ion Ratio Lower Upper

75 100

53 263.7 67.4 101.2#

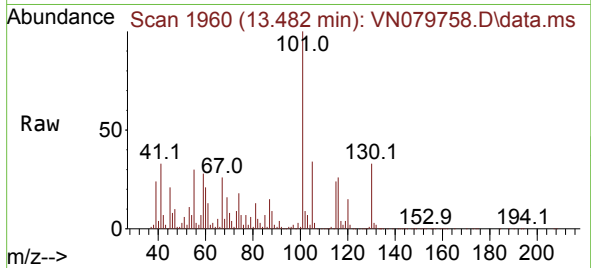
89 57.6 38.8 58.2



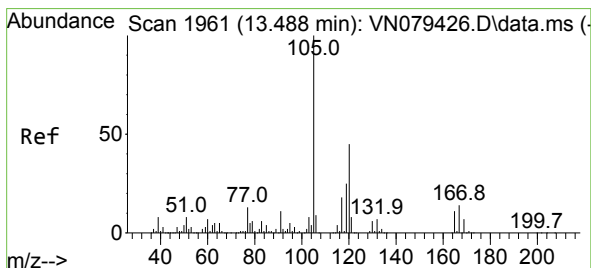
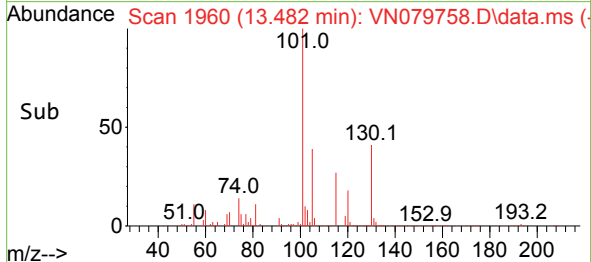
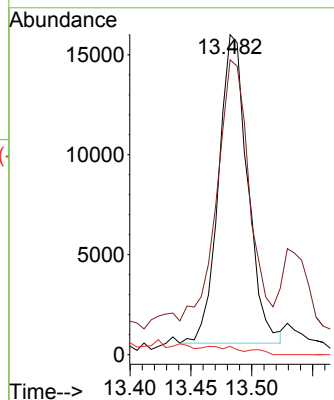


#83
 tert-Butylbenzene
 Concen: 1.458 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

Instrument :
 MSVOA_N
 ClientSampleId :

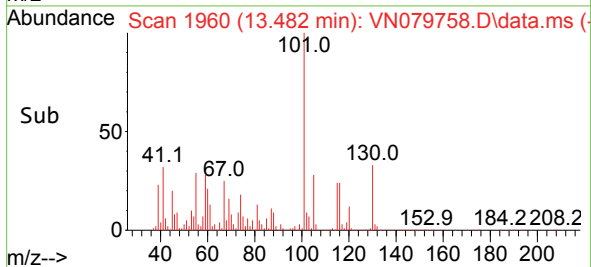
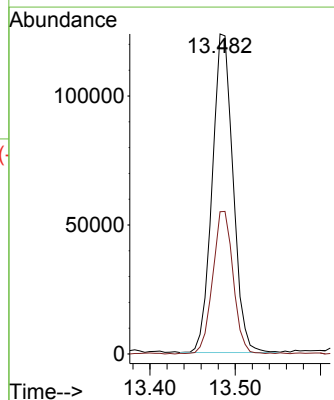
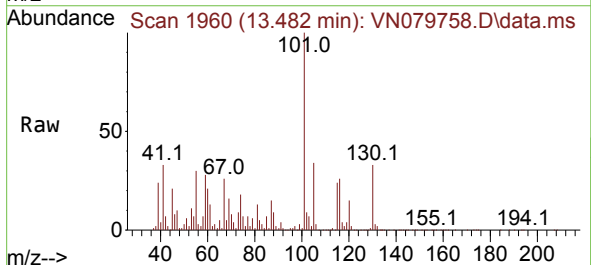


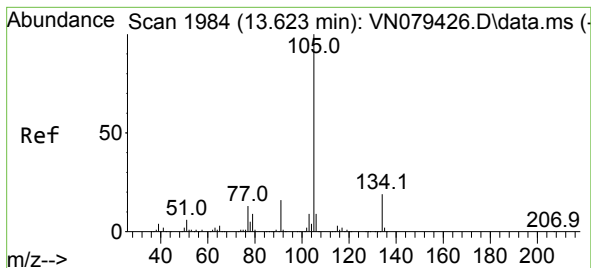
Tgt Ion:119 Resp: 25568
 Ion Ratio Lower Upper
 119 100
 91 103.1 33.9 101.7#
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 10.195 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079758.D
 Acq: 31 Oct 2023 20:55

Tgt Ion:105 Resp: 210382
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 8.604 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.141 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

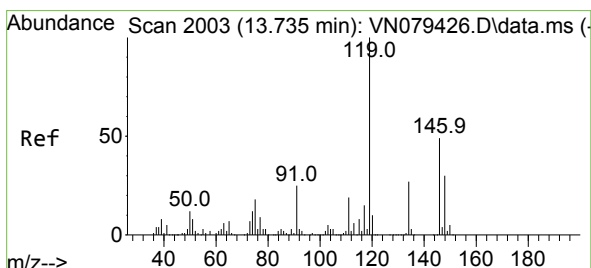
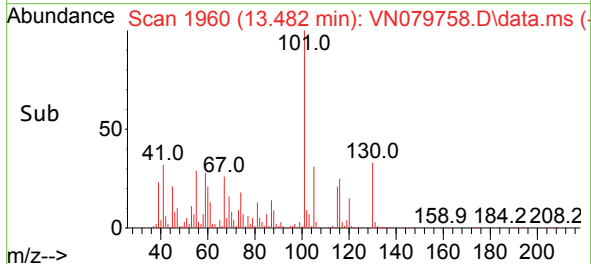
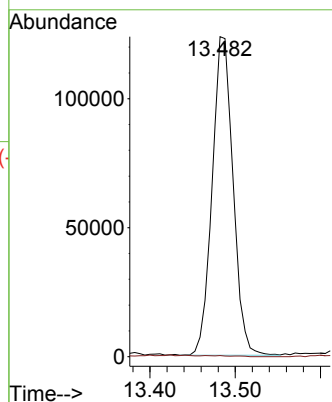
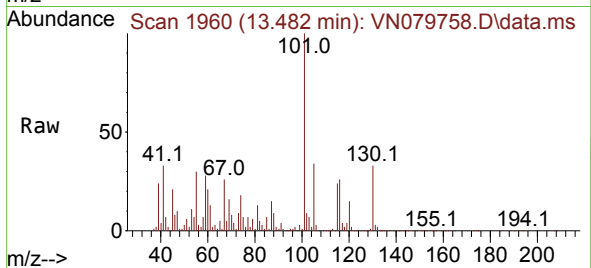
ClientSampleId :

Tgt Ion:105 Resp: 210382

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.397 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.065 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

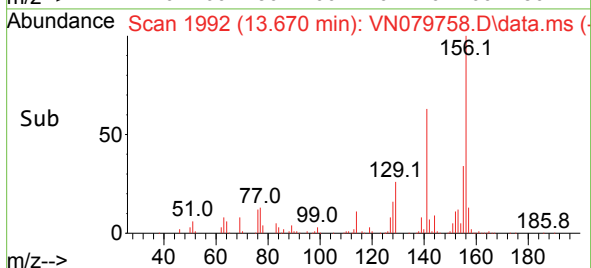
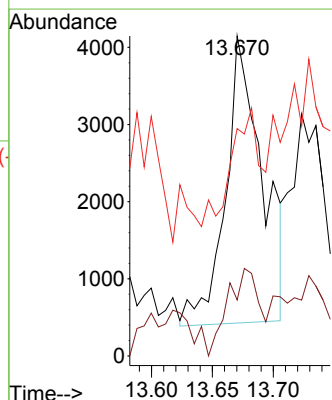
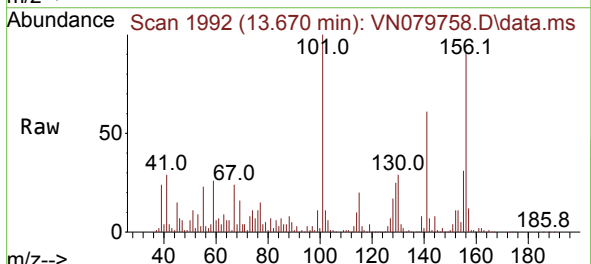
Tgt Ion:119 Resp: 7731

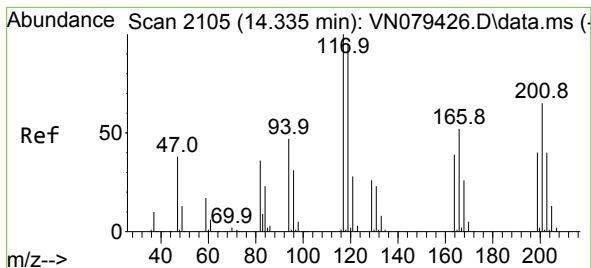
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 32.2 12.4 37.2





#90

Hexachloroethane

Concen: 0.697 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

Instrument :

MSVOA_N

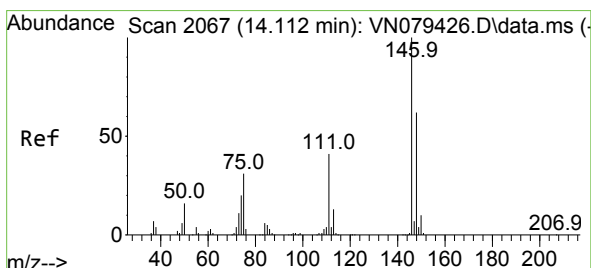
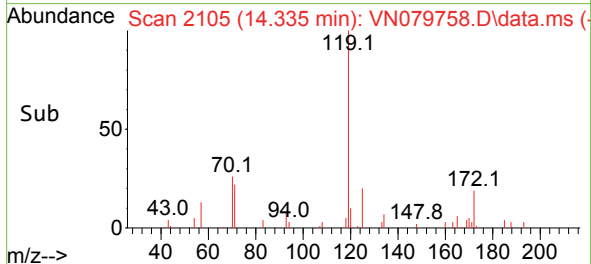
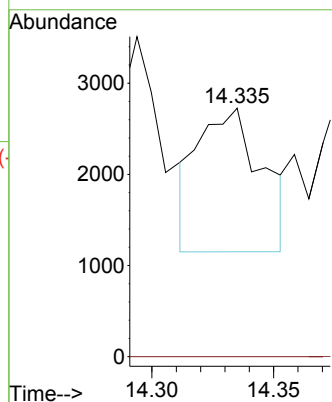
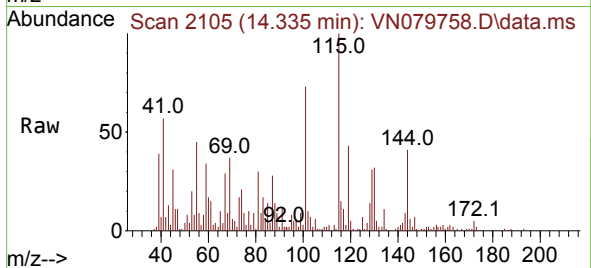
ClientSampleId :

Tgt Ion:117 Resp: 2869

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.316 ug/l

RT: 14.129 min Scan# 2070

Delta R.T. 0.017 min

Lab File: VN079758.D

Acq: 31 Oct 2023 20:55

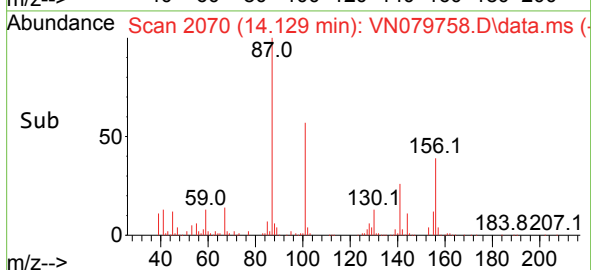
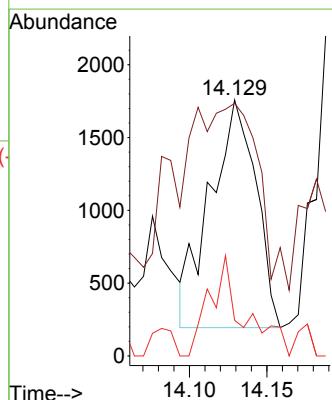
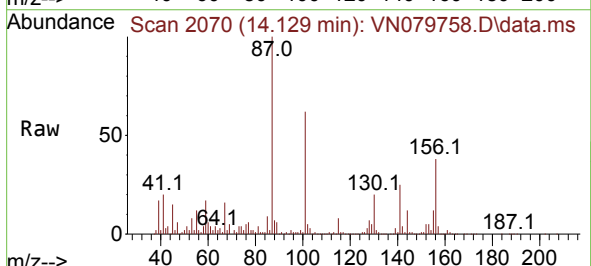
Tgt Ion:146 Resp: 3209

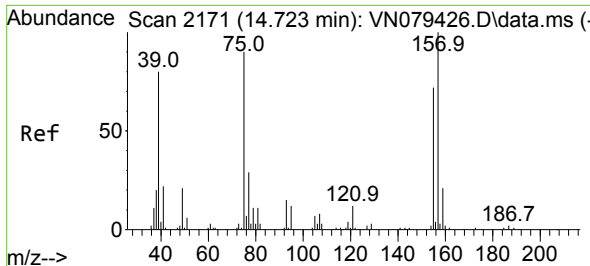
Ion Ratio Lower Upper

146 100

111 151.0 22.0 66.0#

148 23.5 31.8 95.3#

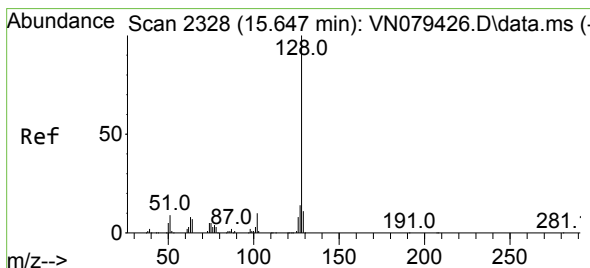
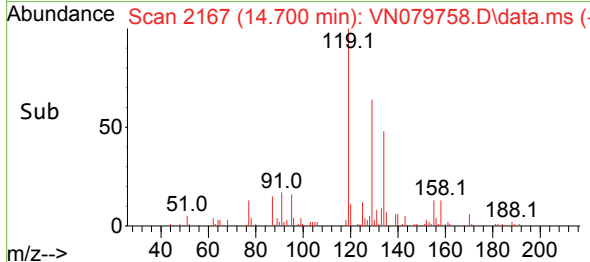
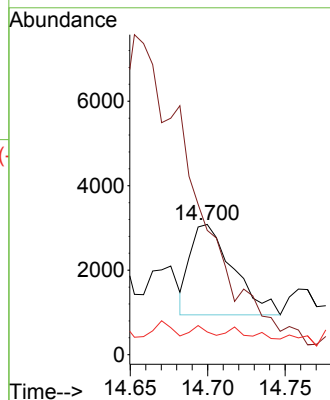
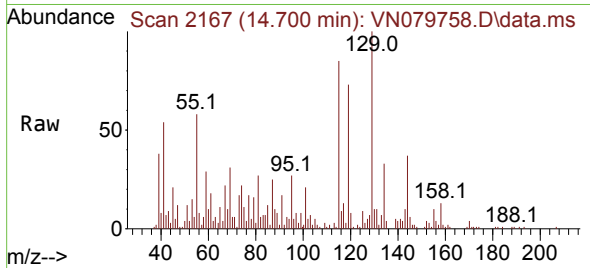




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.868 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.023 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 4109
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 658.834 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079758.D
Acq: 31 Oct 2023 20:55

Tgt Ion:128 Resp: 5789147
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

