

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079909.D
 Acq On : 04 Nov 2023 21:39
 Operator : JC\MD
 Sample : 05102-11 20X
 Misc : 2.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617

Quant Time: Nov 06 02:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	272128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	580507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225980	54.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.020%	
35) Dibromofluoromethane	8.171	113	189133	49.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.500%	
50) Toluene-d8	10.571	98	721923	51.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.853	95	286407	61.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.400%#	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1094	Below Cal	#	42
5) Bromomethane	2.959	94	817	0.313	ug/l #	62
13) Acrolein	4.424	56	63	2.706	ug/l #	78
15) Acrylonitrile	5.795	53	356	0.216	ug/l #	18
16) Acetone	4.436	43	1003	0.689	ug/l #	40
20) Methylene Chloride	5.289	84	3424	0.932	ug/l	90
25) 2-Butanone	7.500	43	984	0.461	ug/l #	1
26) 2,2-Dichloropropane	7.336	77	1282	0.245	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	164974	42.217	ug/l	97
30) Chloroform	7.965	83	1479	0.215	ug/l	98
31) Cyclohexane	8.259	56	50900	9.291	ug/l	93
36) 1,1-Dichloropropene	8.230	75	25365	4.672	ug/l #	50
38) Carbon Tetrachloride	8.230	117	29553	5.402	ug/l #	15
39) Methylcyclohexane	9.600	83	24289	4.754	ug/l #	78
40) Benzene	8.612	78	104551	6.430	ug/l	99
42) 1,2-Dichloroethane	8.683	62	1646	0.290	ug/l #	73
43) Isopropyl Acetate	8.712	43	2354	0.270	ug/l #	49
44) Trichloroethene	9.353	130	3759	0.932	ug/l	83
47) Bromodichloromethane	9.900	83	1223	0.202	ug/l #	26
51) 4-Methyl-2-Pentanone	10.353	43	3370	0.686	ug/l #	31
52) Toluene	10.635	92	6123515	635.266	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	79160	13.345	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	2037	0.525	ug/l #	27
59) 2-Hexanone	11.177	43	4423	1.176	ug/l #	20
60) Dibromochloromethane	11.106	129	18078	4.356	ug/l #	11
64) Tetrachloroethene	11.106	164	18323	4.874	ug/l	87
65) Chlorobenzene	11.894	112	21478	1.706	ug/l	95
67) Ethyl Benzene	11.965	91	1912228	87.161	ug/l	95
68) m/p-Xylenes	12.071	106	2722547	333.129	ug/l	94
69) o-Xylene	12.400	106	838979	106.607	ug/l	92
70) Styrene	12.412	104	101941	8.060	ug/l #	1
73) Isopropylbenzene	12.700	105	58216	2.887	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	157481	25.247	ug/l #	1
78) n-propylbenzene	13.041	91	110566	4.788	ug/l	98
79) 2-Chlorotoluene	13.129	91	102712	6.963	ug/l	79
80) 1,3,5-Trimethylbenzene	13.176	105	65004	4.143	ug/l	100

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 Response via : Initial Calibration

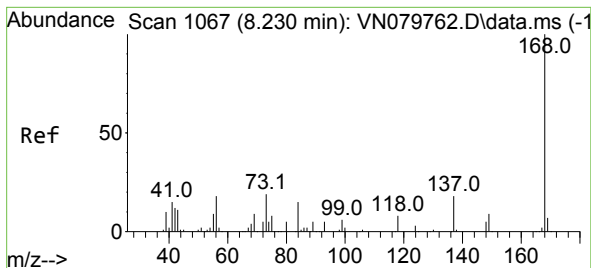
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.853	75	157481	68.690	ug/l #	15
82) 4-Chlorotoluene	13.223	91	36879	2.516	ug/l	94
83) tert-Butylbenzene	13.676	119	4876	0.380	ug/l	72
84) 1,2,4-Trimethylbenzene	13.488	105	193410	12.530	ug/l	99
85) sec-Butylbenzene	13.612	105	6675	0.375	ug/l #	77
86) p-Isopropyltoluene	13.735	119	3084	0.213	ug/l	84
89) n-Butylbenzene	14.065	91	4024	0.322	ug/l #	83
90) Hexachloroethane	14.335	117	1527	0.532	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.394	180	1096	0.266	ug/l	95
95) Naphthalene	15.647	128	17705	1.266	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.847	180	1226	0.303	ug/l #	74

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

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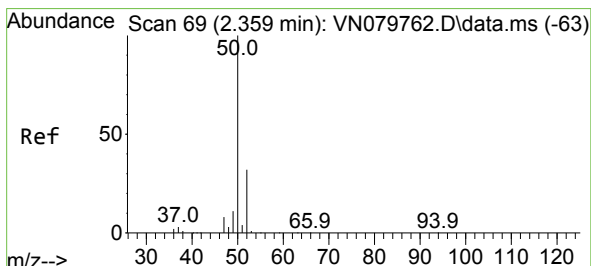
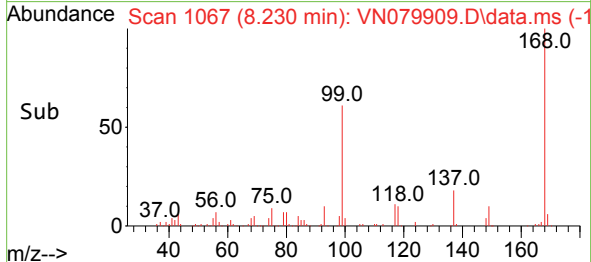
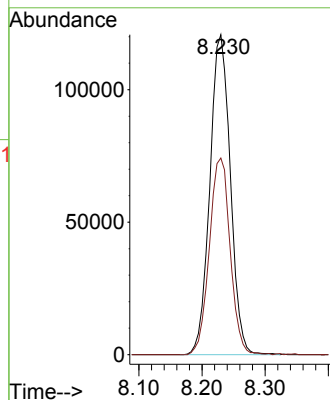
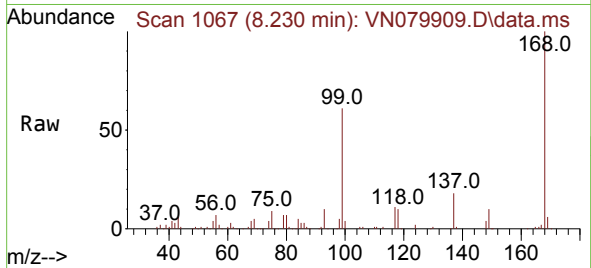




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079909.D
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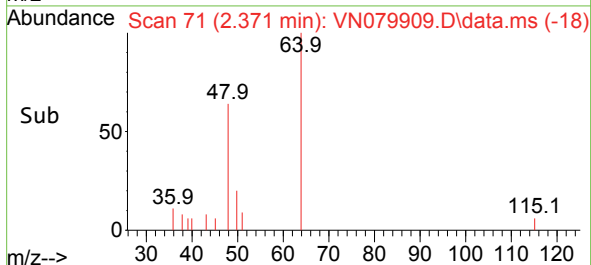
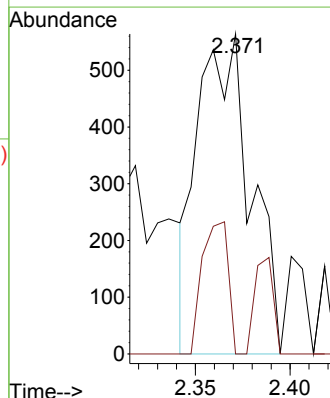
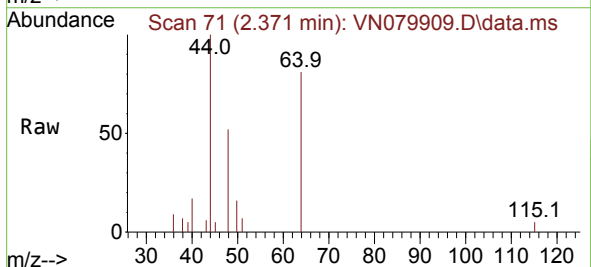
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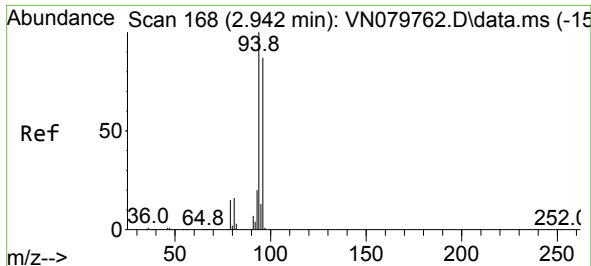
Tgt Ion:168 Resp: 272128
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 50 Resp: 1094
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

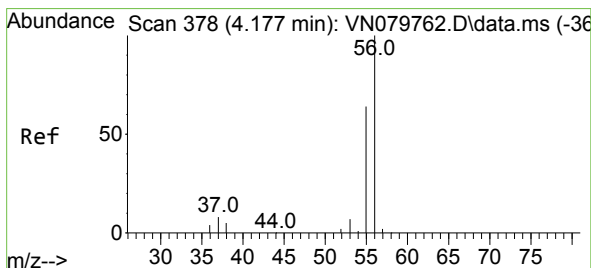
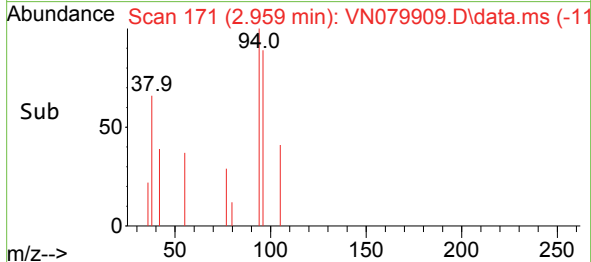
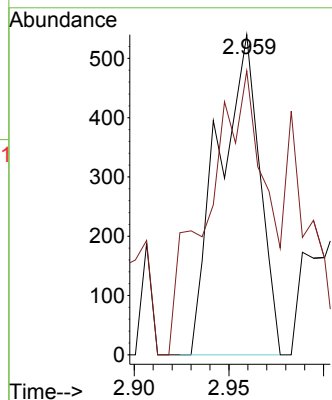
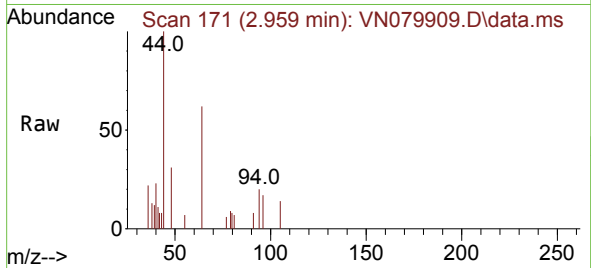




#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

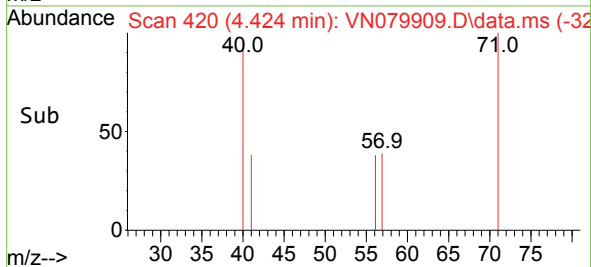
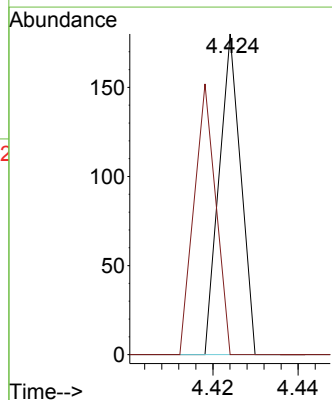
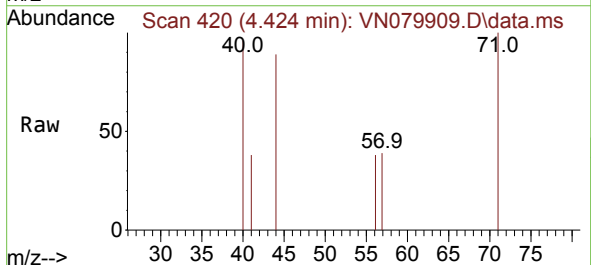
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

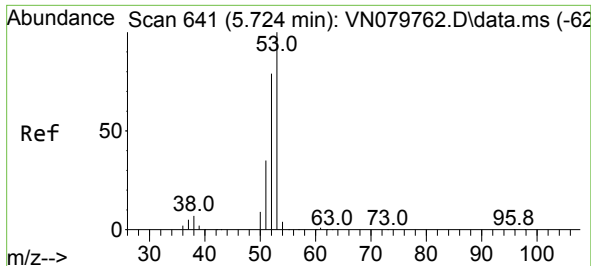
Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 55.4 73.1 109.7#



#13
Acrolein
Concen: 2.706 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.241 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 85.7 54.5 81.7#

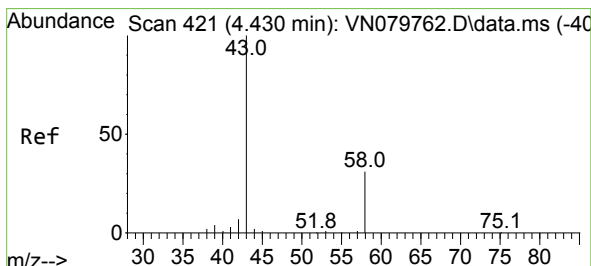
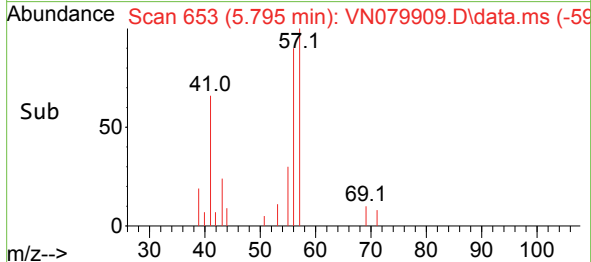
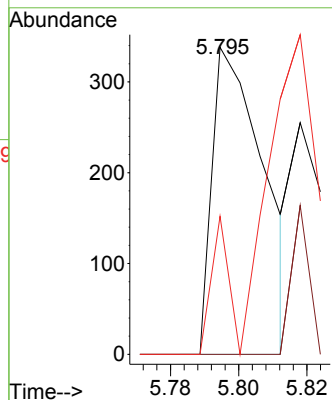
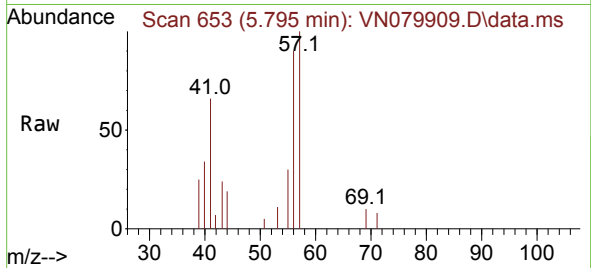




#15
Acrylonitrile
Concen: 0.216 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.071 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

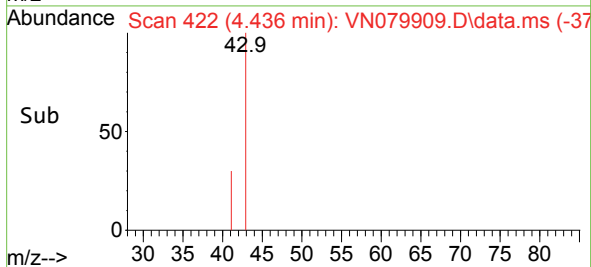
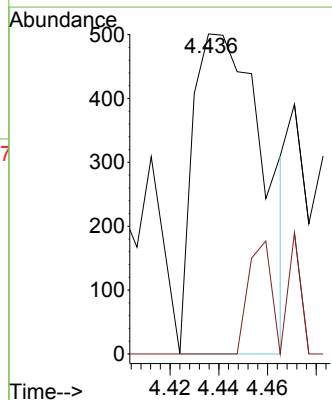
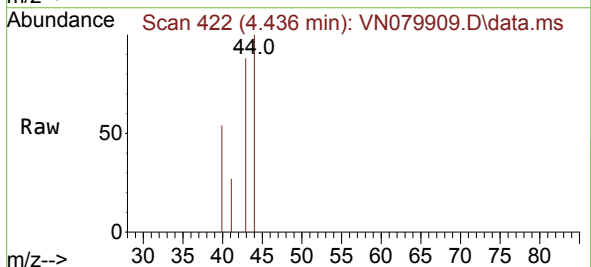
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MSVOA_N
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67S-SB16-1617

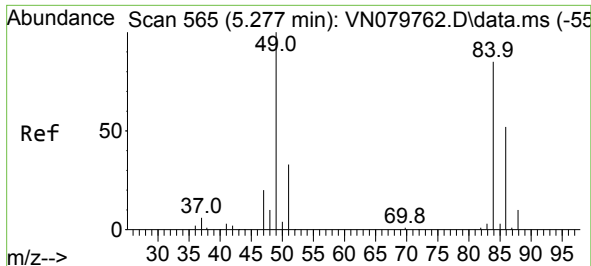
Tgt Ion: 53 Resp: 356
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.689 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

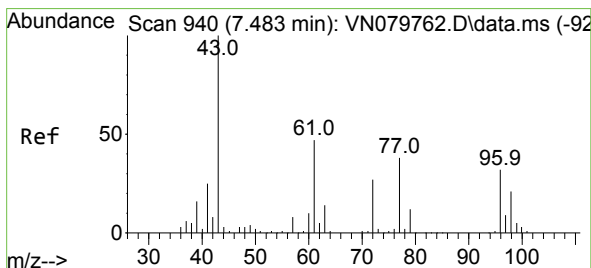
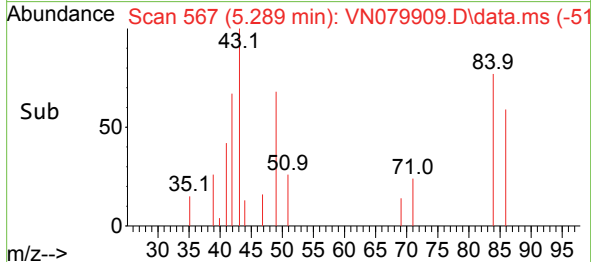
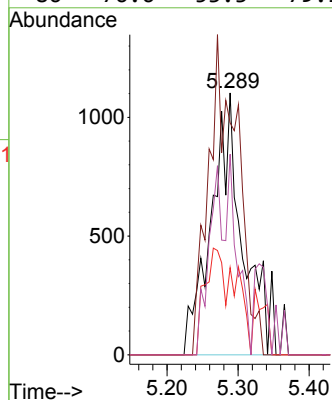
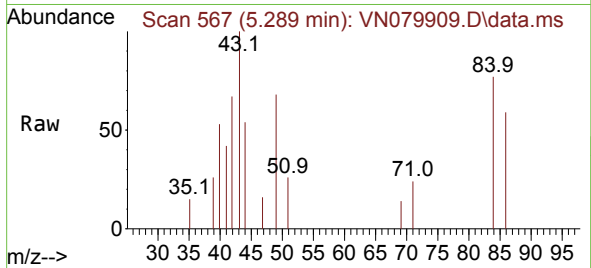




#20
Methylene Chloride
Concen: 0.932 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

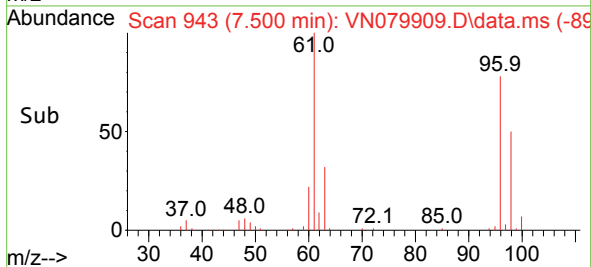
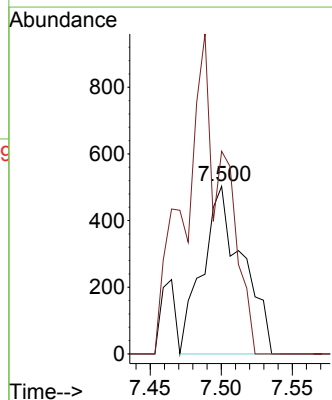
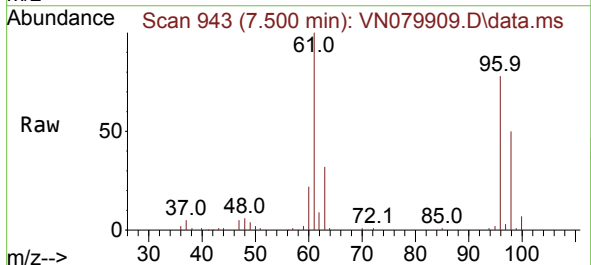
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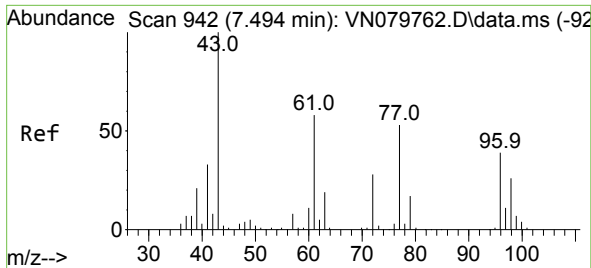
Tgt Ion:	84	Resp:	3424
Ion	Ratio	Lower	Upper
84	100		
49	88.6	79.7	119.5
51	33.3	25.2	37.8
86	76.6	53.3	79.9



#25
2-Butanone
Concen: 0.461 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion:	43	Resp:	984
Ion	Ratio	Lower	Upper
43	100		
72	120.9	30.2	45.2#

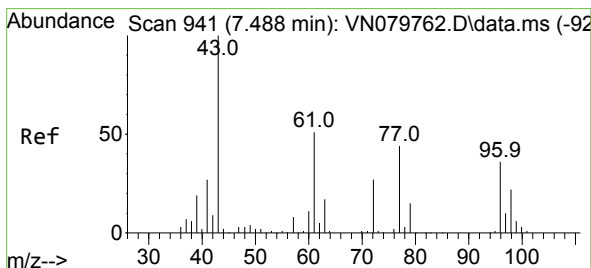
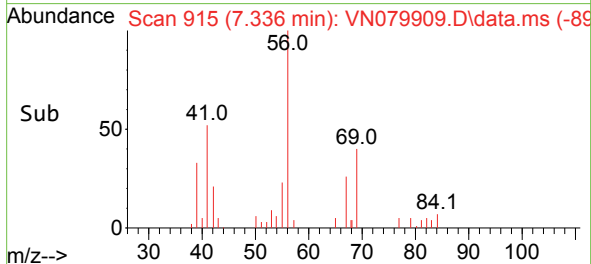
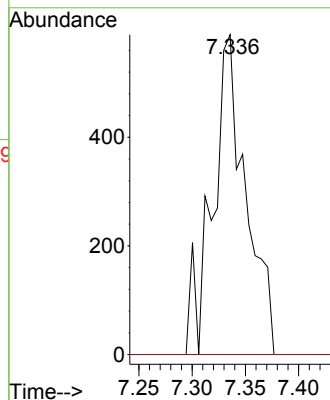
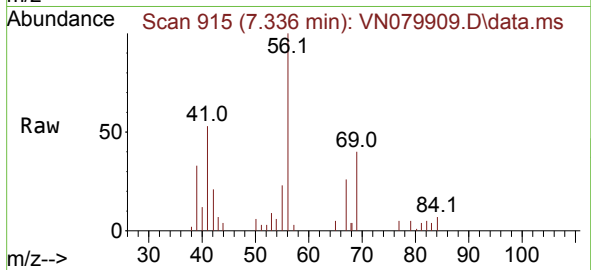




#26
2,2-Dichloropropane
Concen: 0.245 ug/l
RT: 7.336 min Scan# 915
Delta R.T. -0.153 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

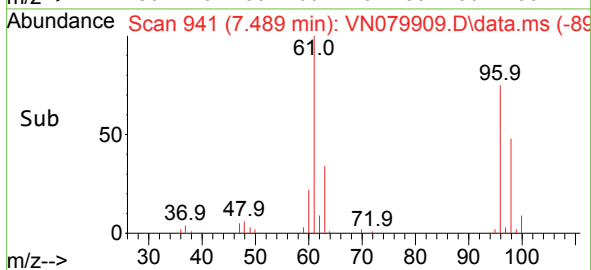
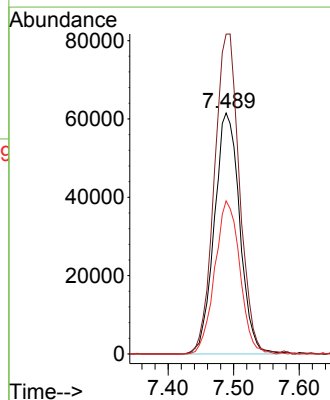
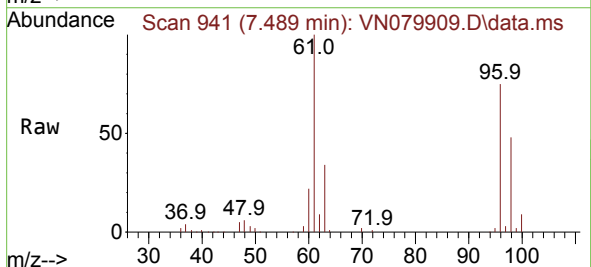
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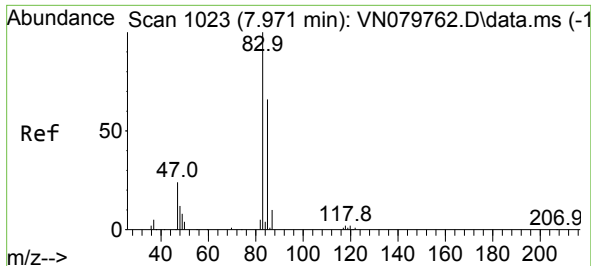
Tgt Ion: 77 Resp: 1282
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#27
cis-1,2-Dichloroethene
Concen: 42.217 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 96 Resp: 164974
Ion Ratio Lower Upper
96 100
61 132.0 0.0 255.2
98 62.7 0.0 128.8

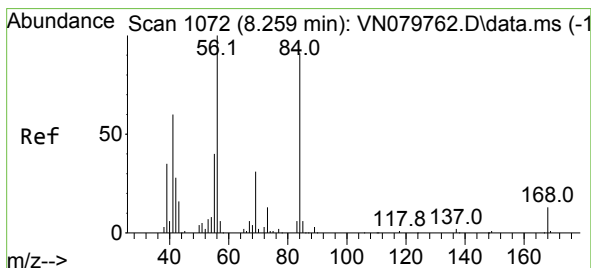
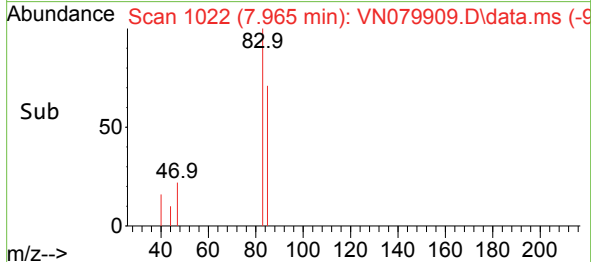
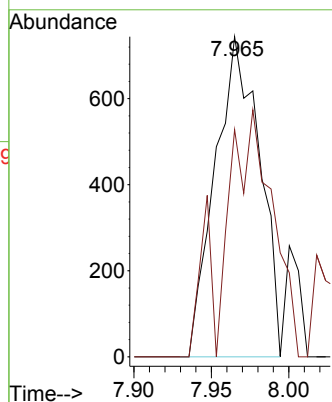
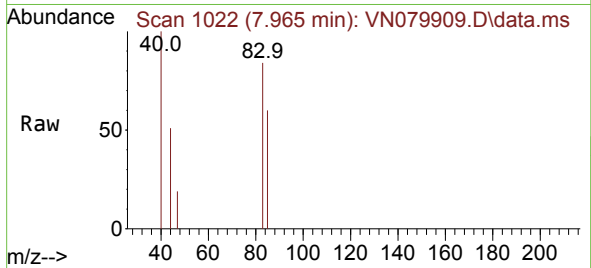




#30
Chloroform
Concen: 0.215 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

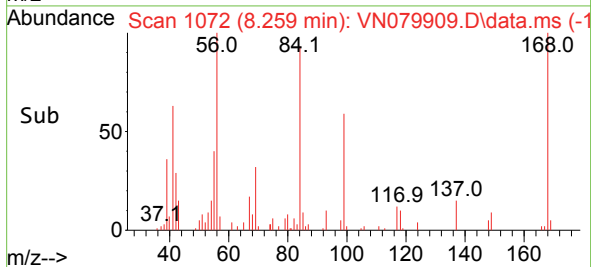
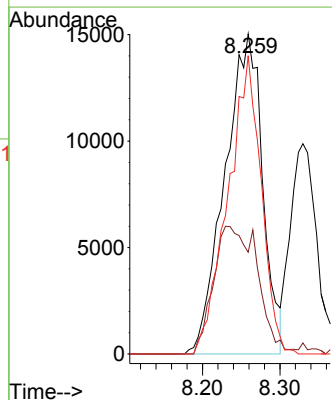
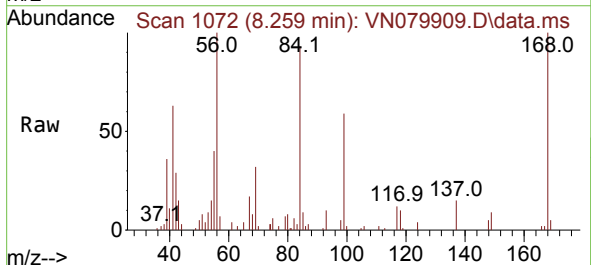
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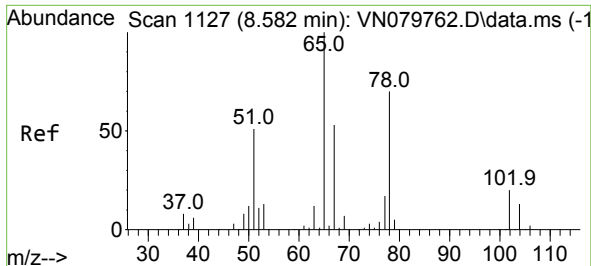
Tgt Ion: 83 Resp: 1479
Ion Ratio Lower Upper
83 100
85 71.0 55.4 83.0



#31
Cyclohexane
Concen: 9.291 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 56 Resp: 50900
Ion Ratio Lower Upper
56 100
69 31.8 26.8 40.2
84 93.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.506 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

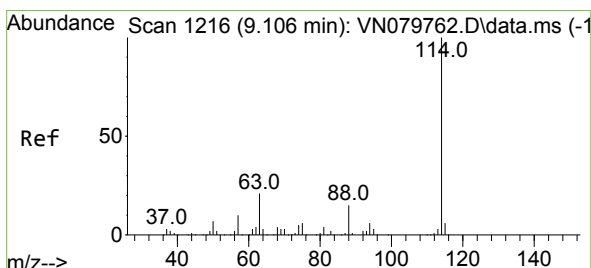
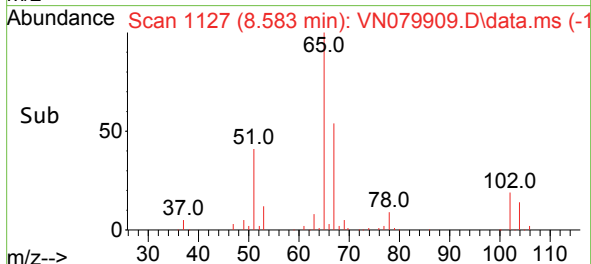
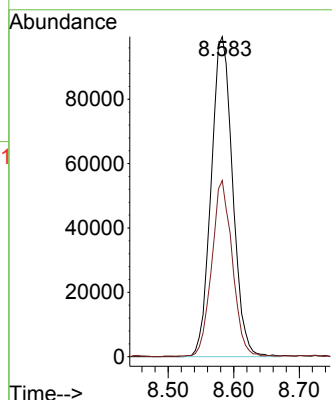
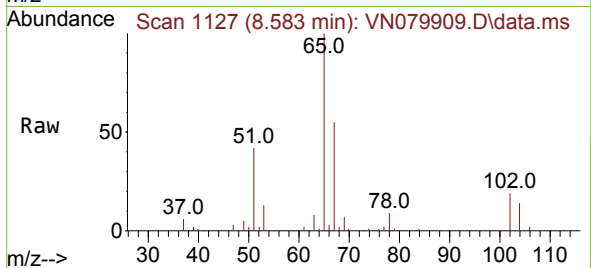
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Tgt Ion: 65 Resp: 225980

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079909.D

Acq: 04 Nov 2023 21:39

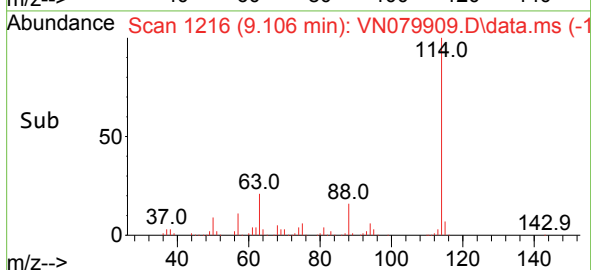
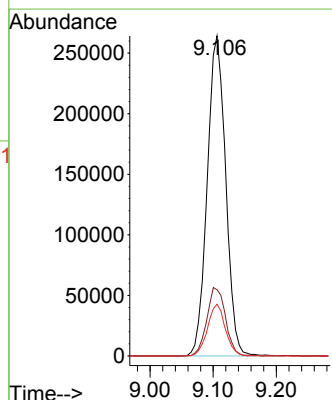
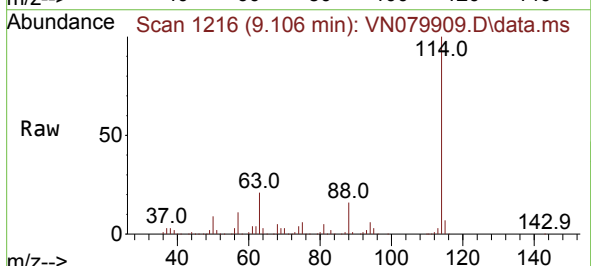
Tgt Ion: 114 Resp: 537186

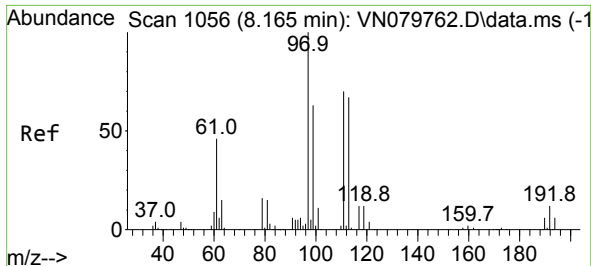
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.2 0.0 30.6

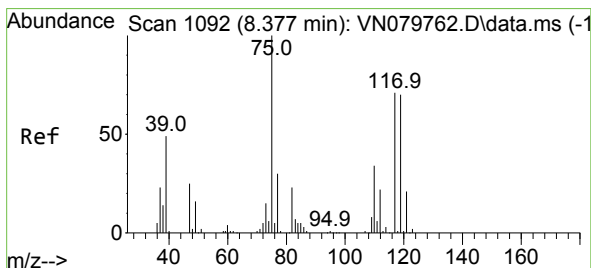
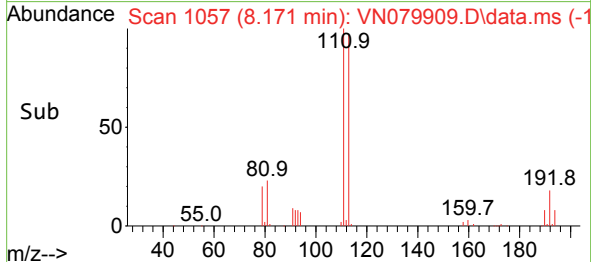
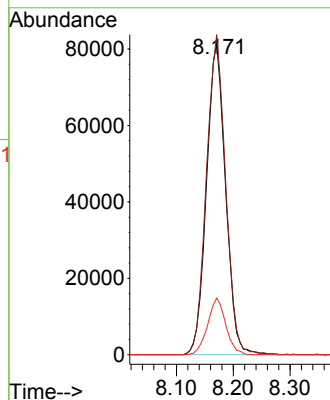
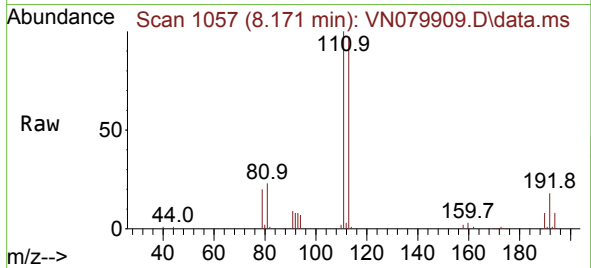




#35
Dibromofluoromethane
Concen: 49.746 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

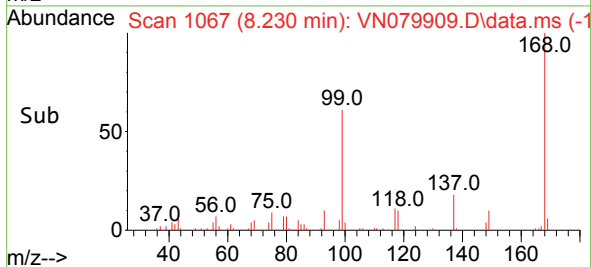
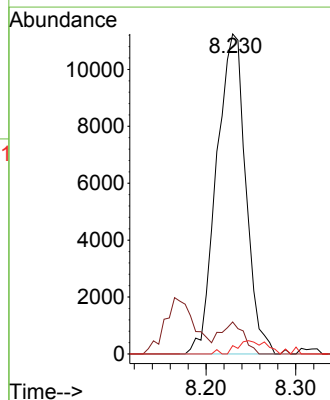
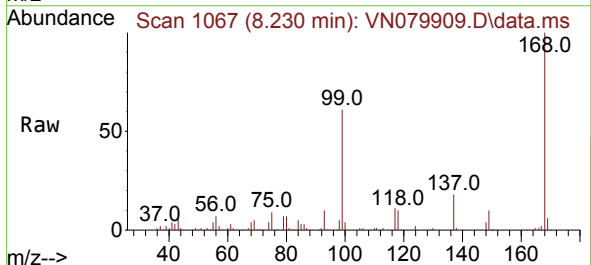
Instrument :
MSVOA_N
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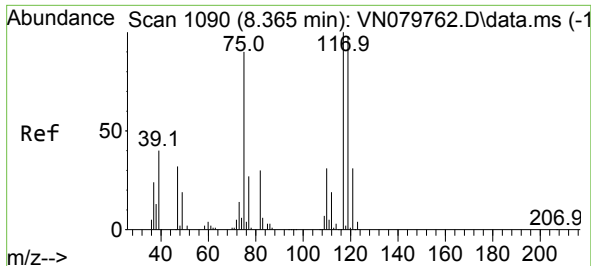
Tgt Ion:113 Resp: 189133
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 75 Resp: 25365
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 4.1 25.0 37.4#

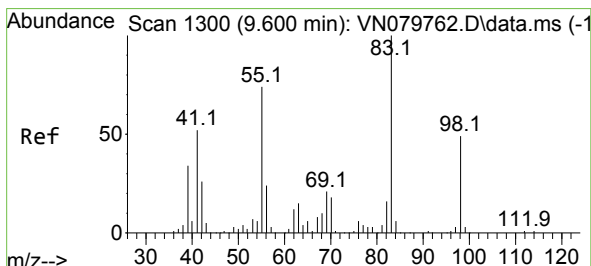
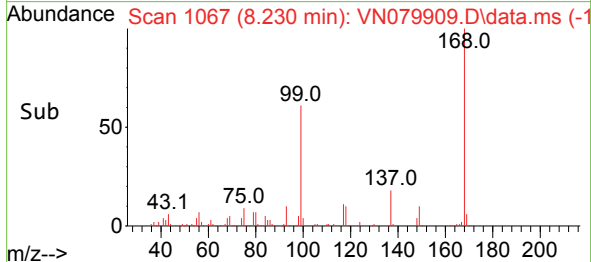
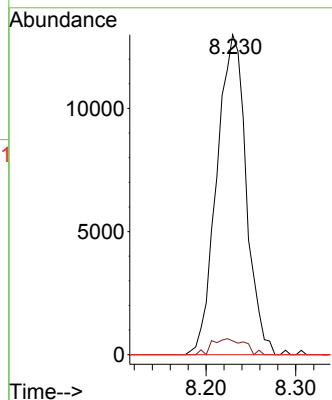
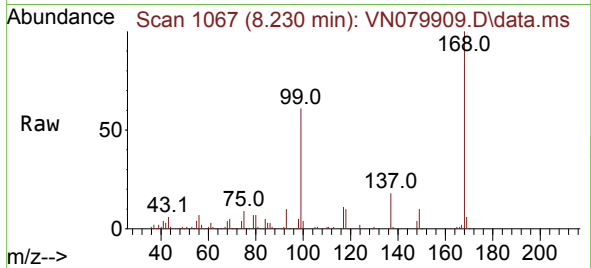




#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

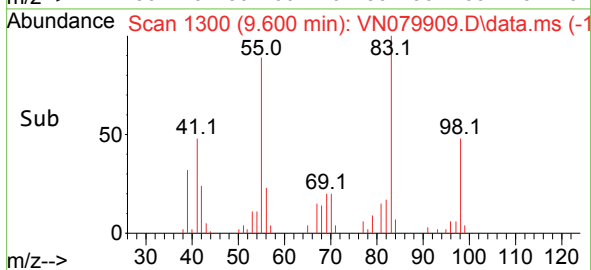
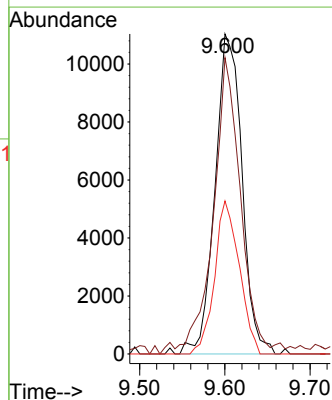
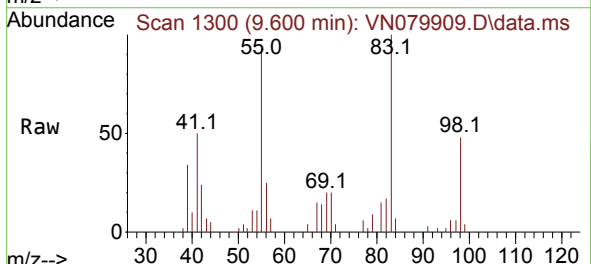
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

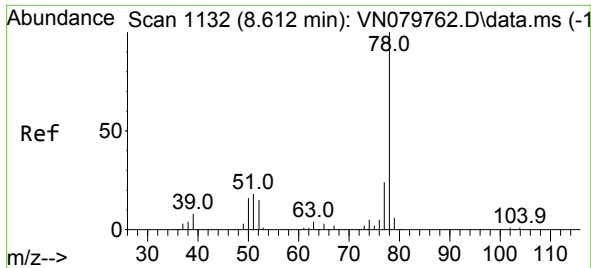
Tgt Ion:117 Resp: 29553
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 4.754 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 83 Resp: 24289
Ion Ratio Lower Upper
83 100
55 89.7 49.1 73.7#
98 47.8 40.6 61.0

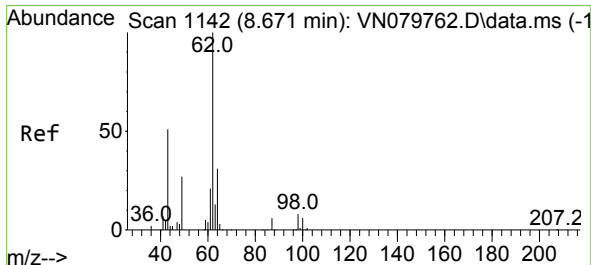
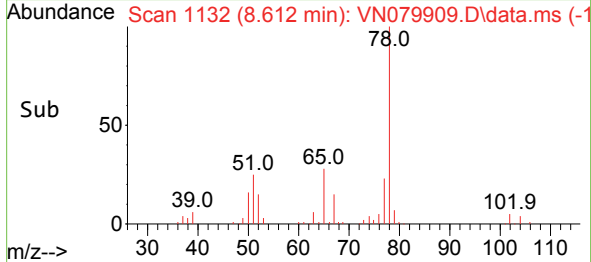
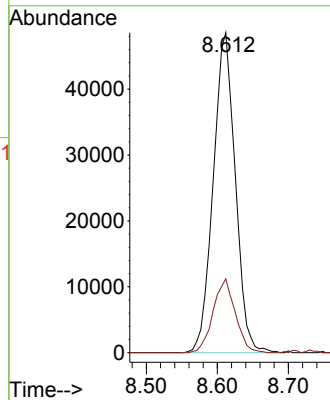
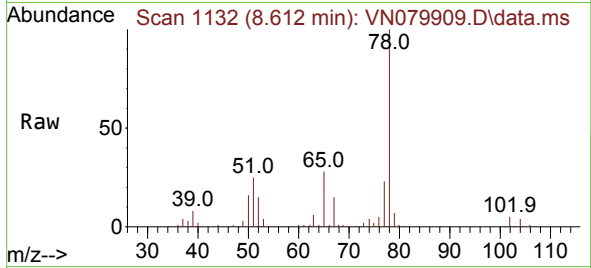




#40
Benzene
Concen: 6.430 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

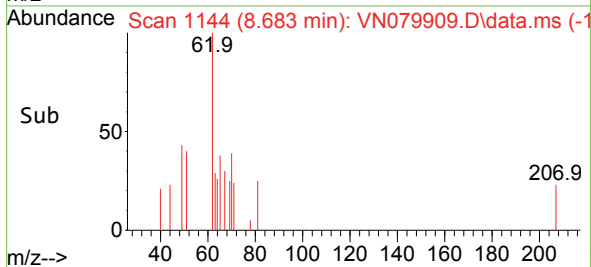
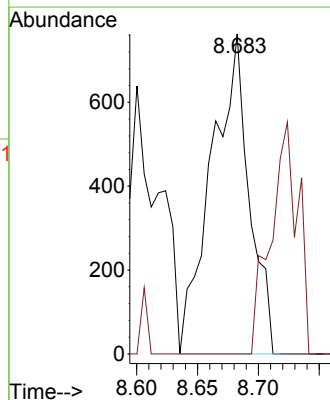
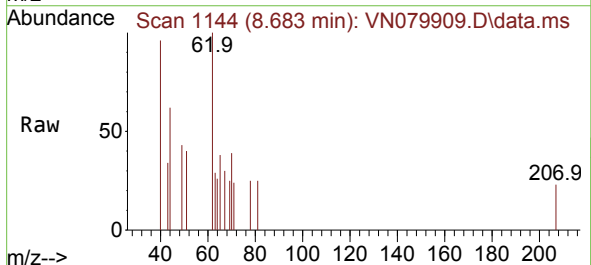
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

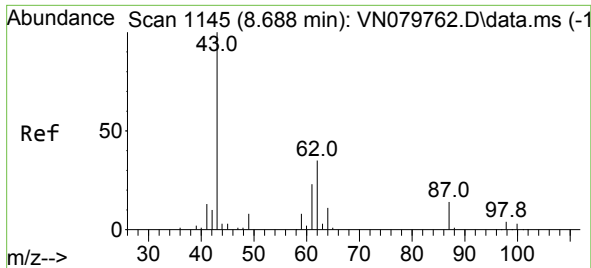
Tgt Ion: 78 Resp: 104551
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.290 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 62 Resp: 1646
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 0.270 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617

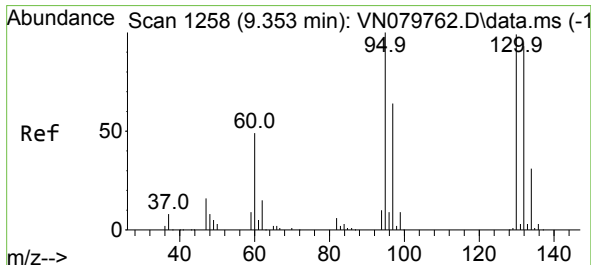
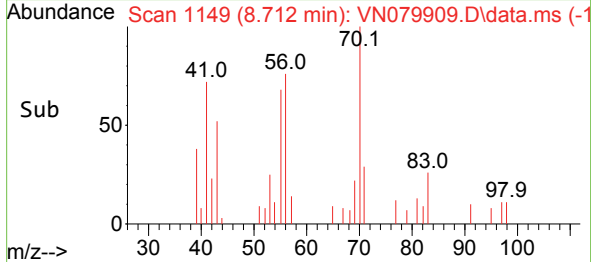
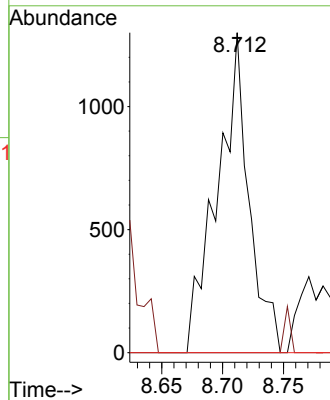
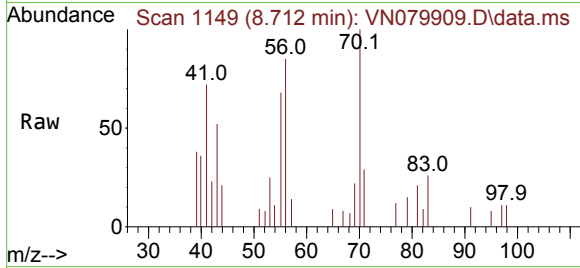
Tgt Ion: 43 Resp: 2354

Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#



#44

Trichloroethene

Concen: 0.932 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079909.D

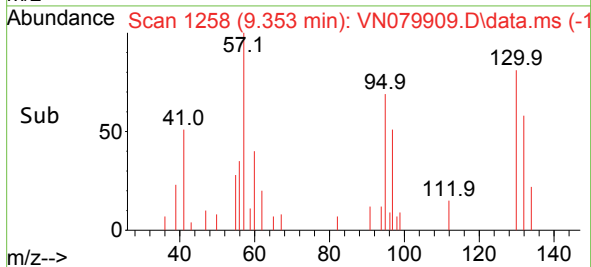
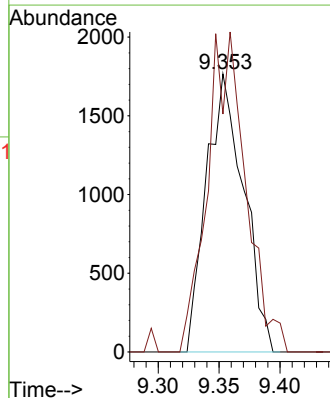
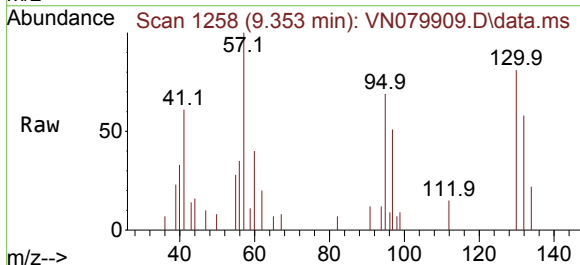
Acq: 04 Nov 2023 21:39

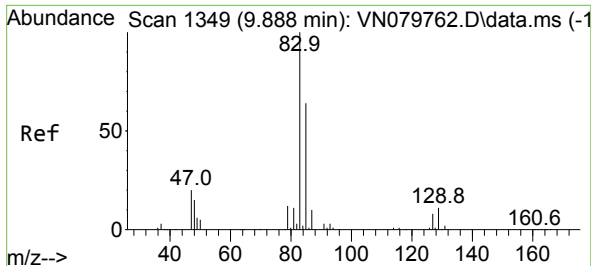
Tgt Ion:130 Resp: 3759

Ion Ratio Lower Upper

130 100

95 85.6 0.0 204.6

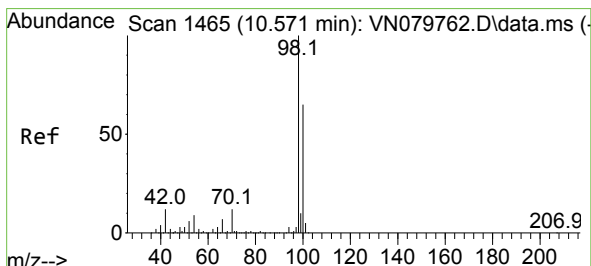
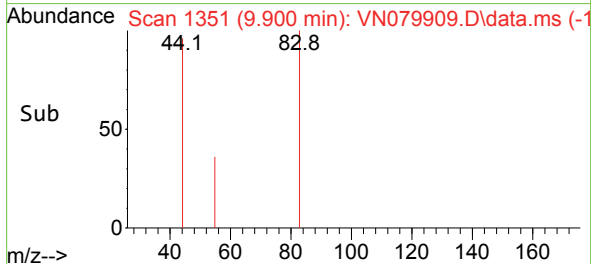
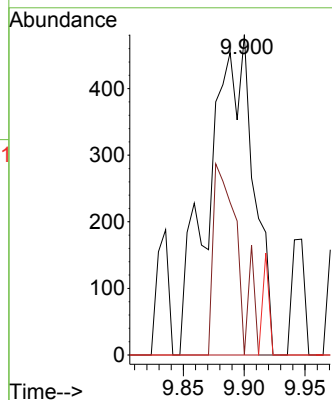
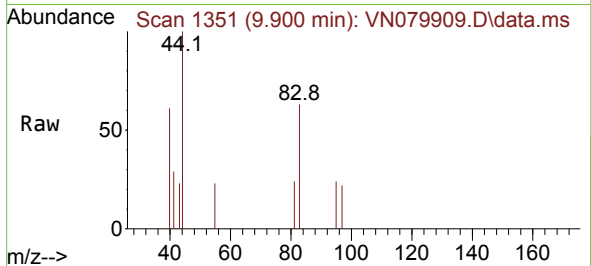




#47
Bromodichloromethane
Concen: 0.202 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

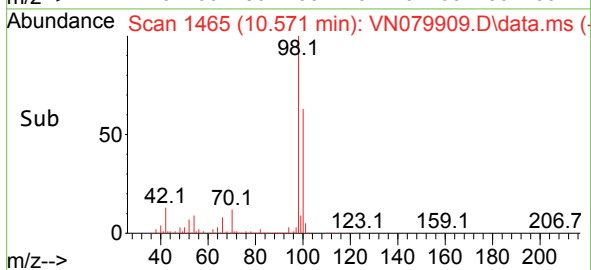
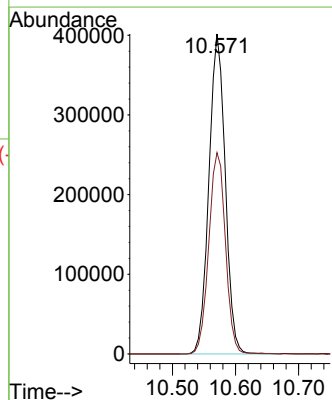
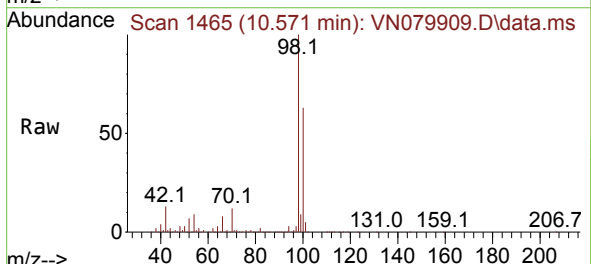
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

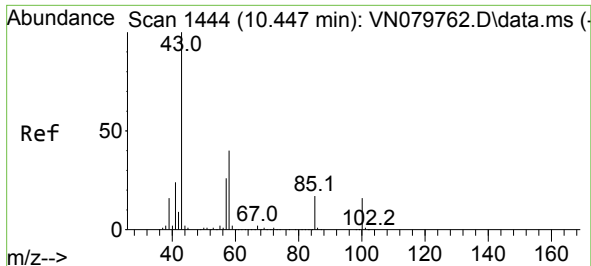
Tgt Ion: 83 Resp: 1223
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 51.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 98 Resp: 721923
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

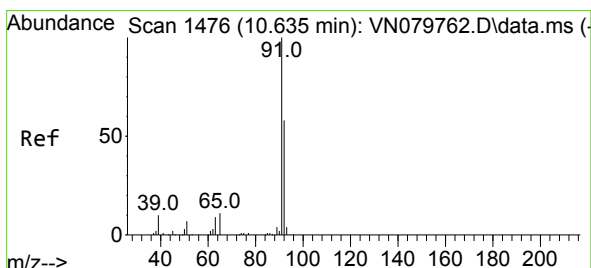
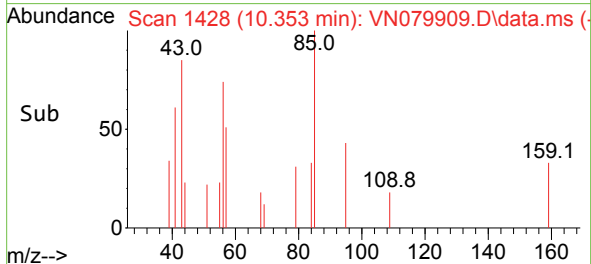
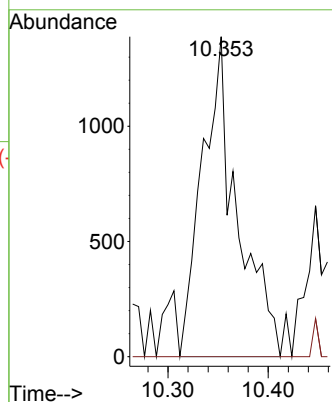
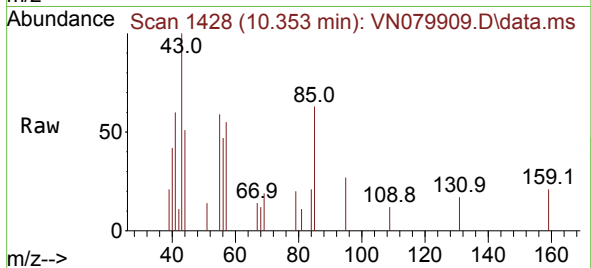




#51
4-Methyl-2-Pentanone
Concen: 0.686 ug/l
RT: 10.353 min Scan# 1444
Delta R.T. -0.094 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

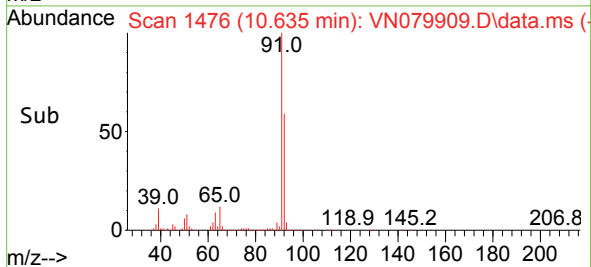
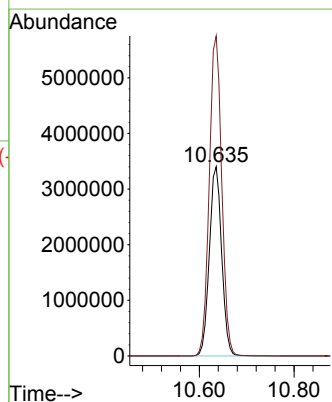
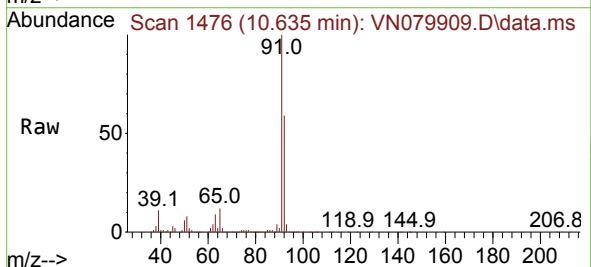
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

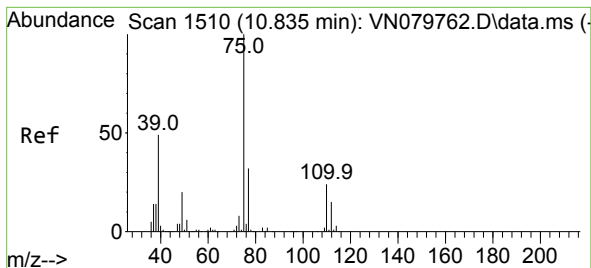
Tgt Ion: 43 Resp: 3370
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#52
Toluene
Concen: 635.266 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 92 Resp: 6123515
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

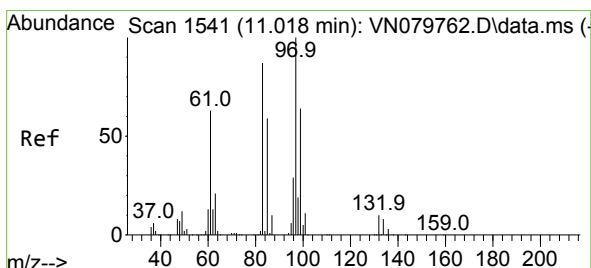
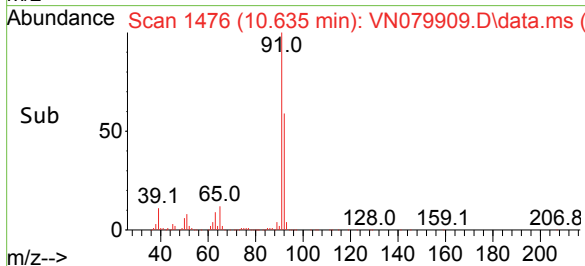
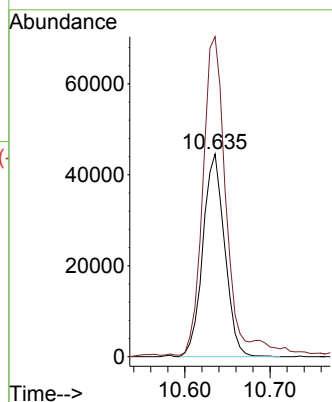
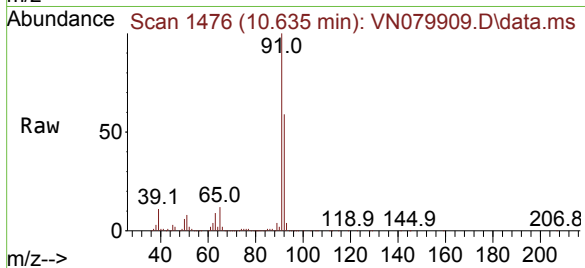




#53
 t-1,3-Dichloropropene
 Concen: 13.345 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. -0.206 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

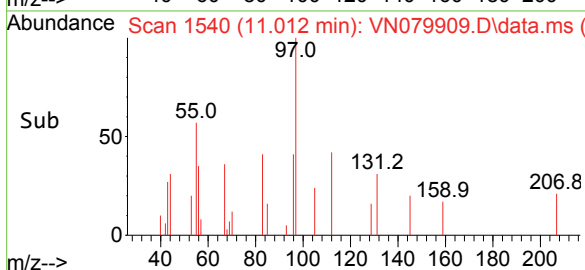
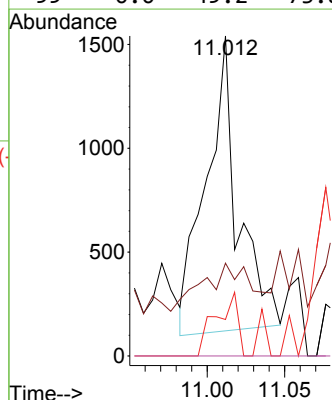
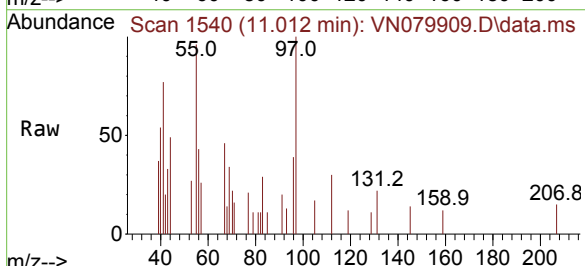
Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617

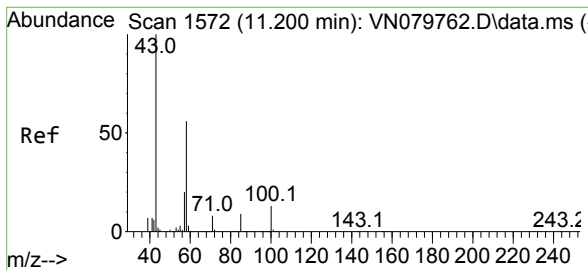
Tgt Ion: 75 Resp: 79160
 Ion Ratio Lower Upper
 75 100
 77 157.1 25.4 38.0#



#55
 1,1,2-Trichloroethane
 Concen: 0.525 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

Tgt Ion: 97 Resp: 2037
 Ion Ratio Lower Upper
 97 100
 83 12.6 65.1 97.7#
 85 12.7 43.4 65.2#
 99 0.0 49.2 73.8#

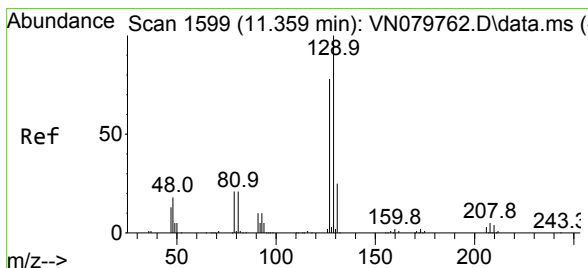
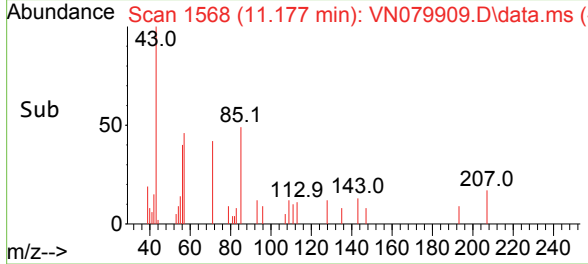
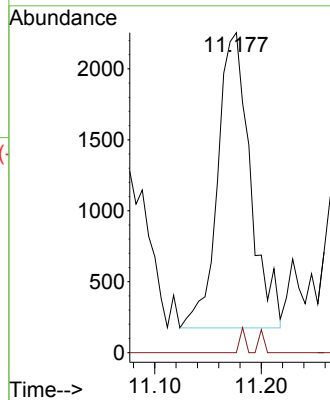
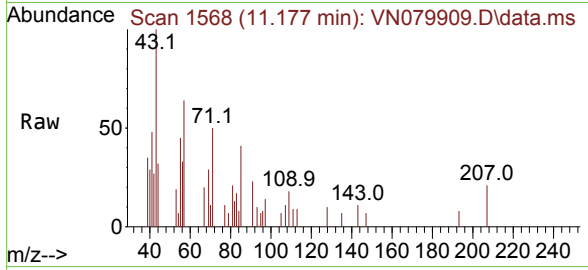




#59
2-Hexanone
Concen: 1.176 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

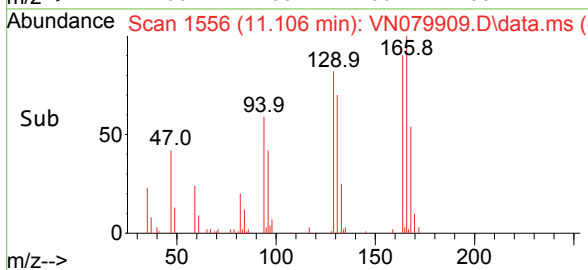
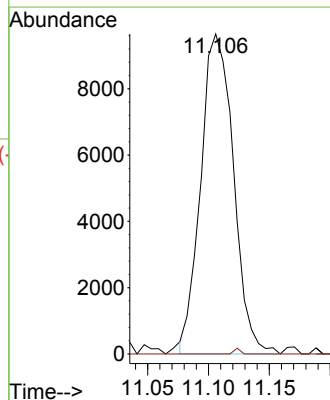
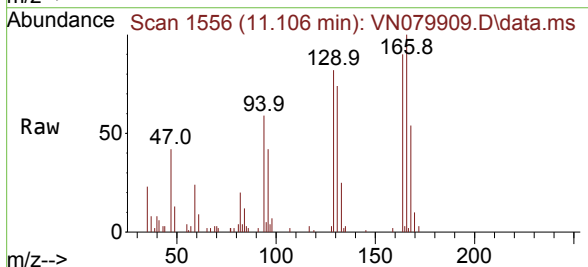
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

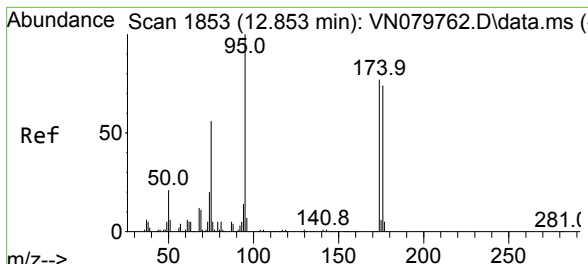
Tgt Ion: 43 Resp: 4423
Ion Ratio Lower Upper
43 100
58 1.4 31.7 95.1#



#60
Dibromochloromethane
Concen: 4.356 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 129 Resp: 18078
Ion Ratio Lower Upper
129 100
127 0.3 38.6 116.0#



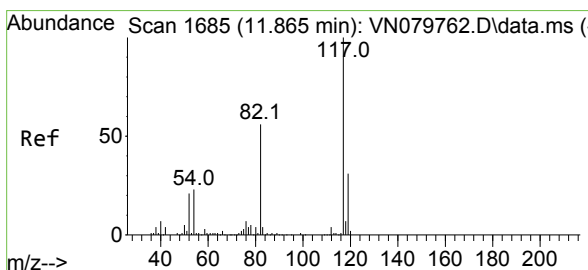
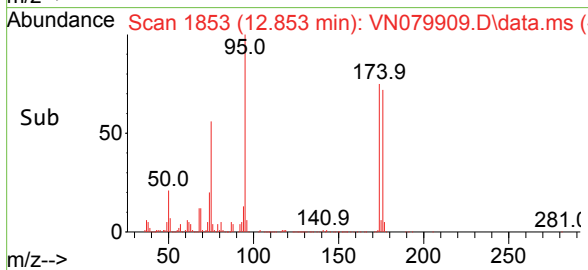
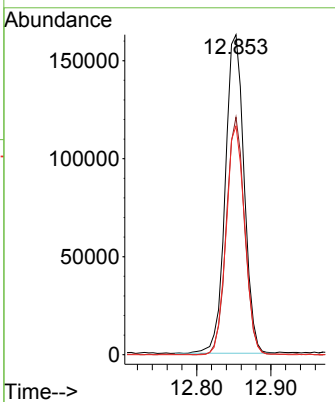
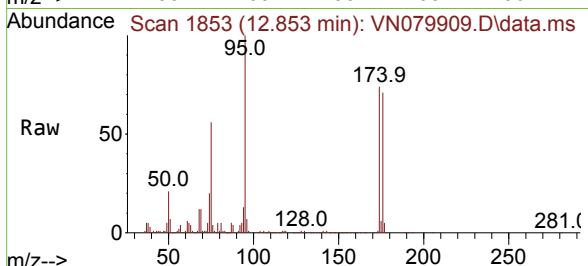


#62
 4-Bromofluorobenzene
 Concen: 61.700 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617

Tgt Ion: 95 Resp: 286407

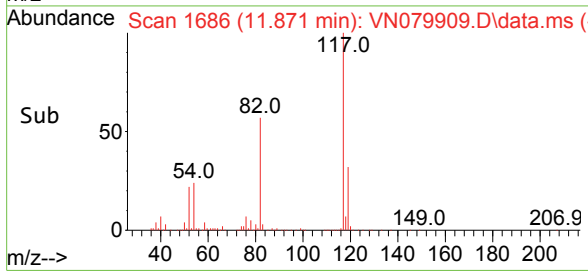
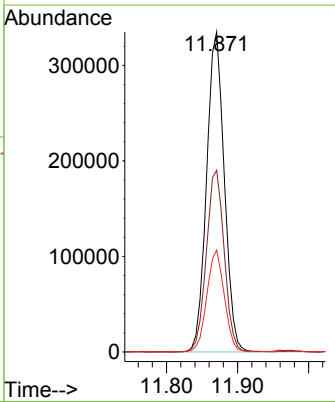
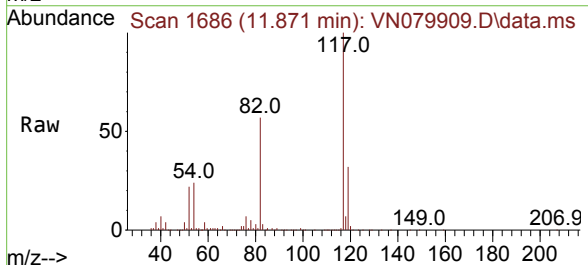
Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	143.8
176	70.9	0.0	135.8

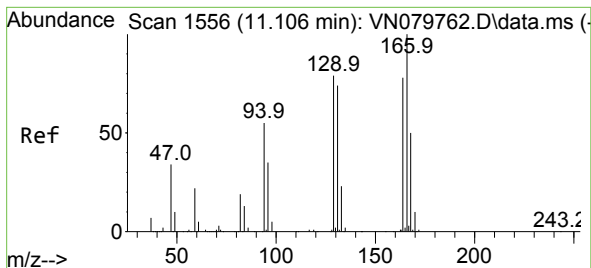


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

Tgt Ion: 117 Resp: 580507

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.0	66.0
119	31.8	25.6	38.4





#64

Tetrachloroethene

Concen: 4.874 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617

Tgt Ion:164 Resp: 18323

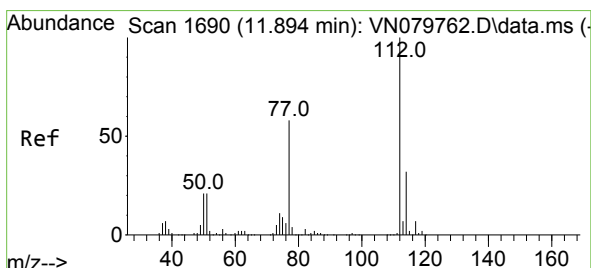
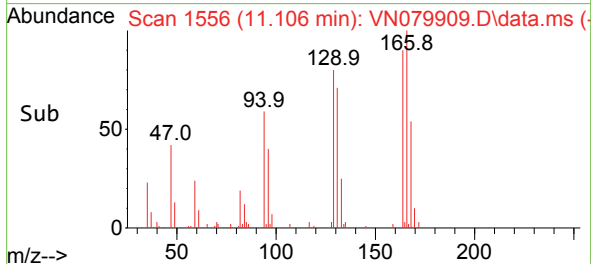
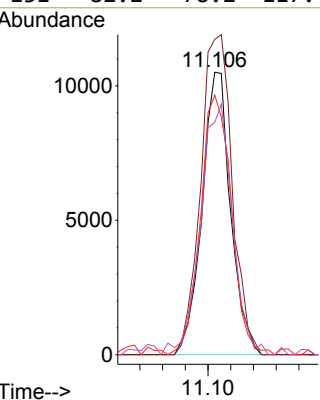
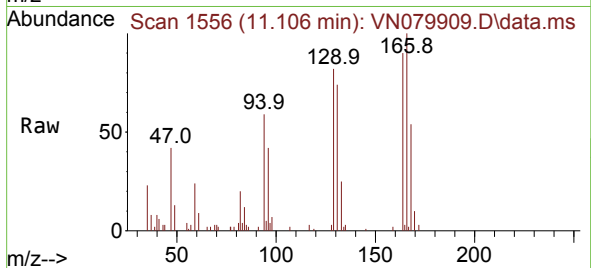
Ion Ratio Lower Upper

164 100

166 111.7 101.4 152.0

129 91.9 82.4 123.6

131 82.2 78.2 117.4



#65

Chlorobenzene

Concen: 1.706 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079909.D

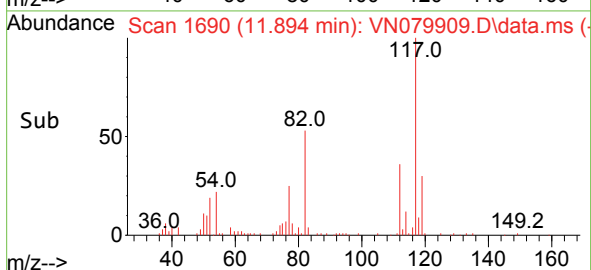
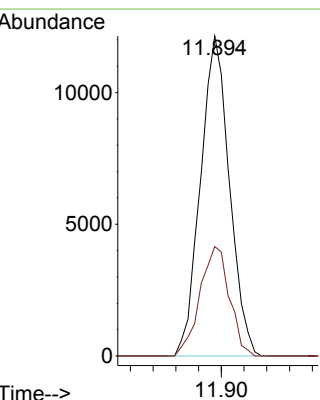
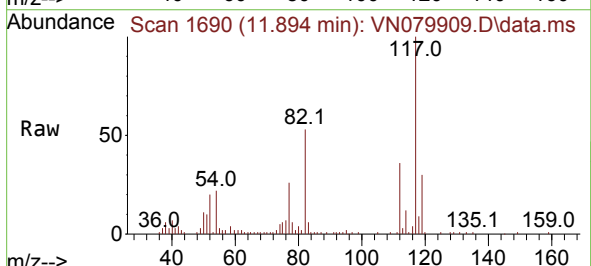
Acq: 04 Nov 2023 21:39

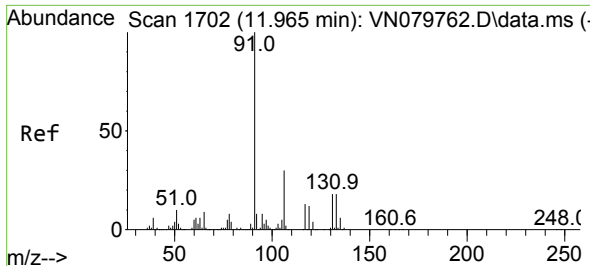
Tgt Ion:112 Resp: 21478

Ion Ratio Lower Upper

112 100

114 34.2 25.0 37.4





#67

Ethyl Benzene

Concen: 87.161 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

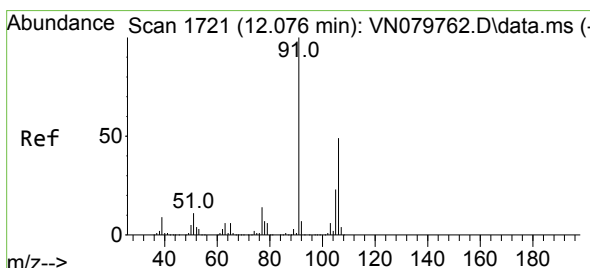
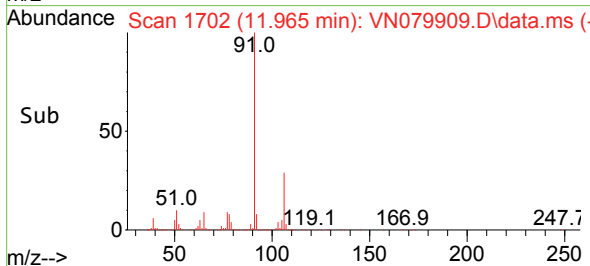
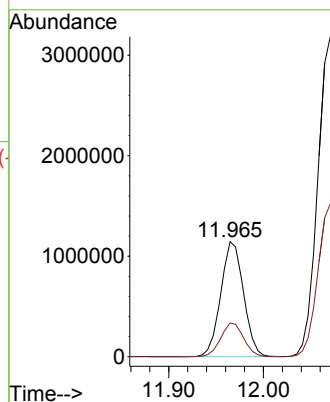
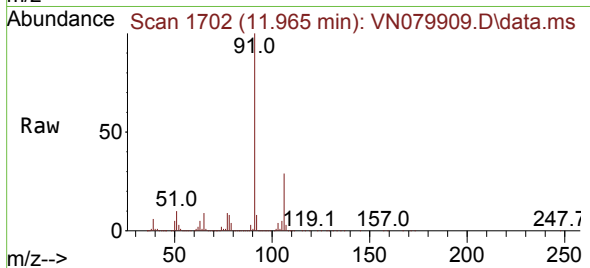
67S-SB16-1617

Tgt Ion: 91 Resp: 1912228

Ion Ratio Lower Upper

91 100

106 29.4 25.6 38.4



#68

m/p-Xylenes

Concen: 333.129 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN079909.D

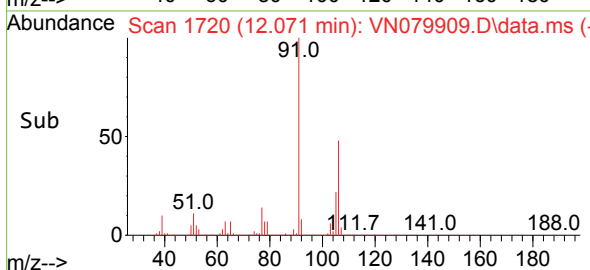
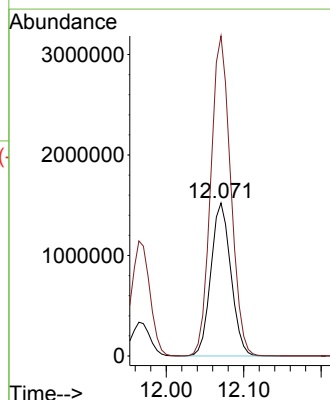
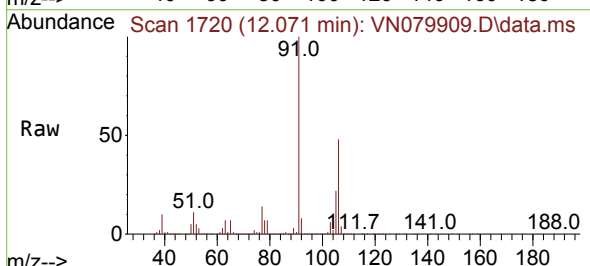
Acq: 04 Nov 2023 21:39

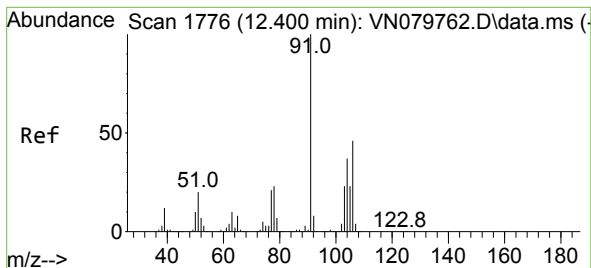
Tgt Ion:106 Resp: 2722547

Ion Ratio Lower Upper

106 100

91 209.1 159.6 239.4

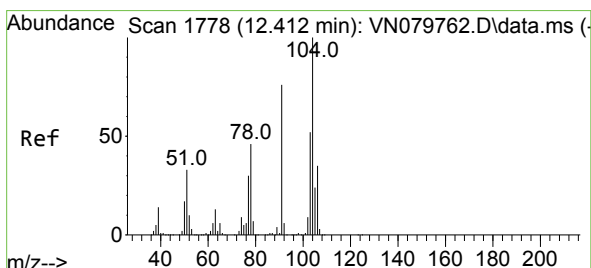
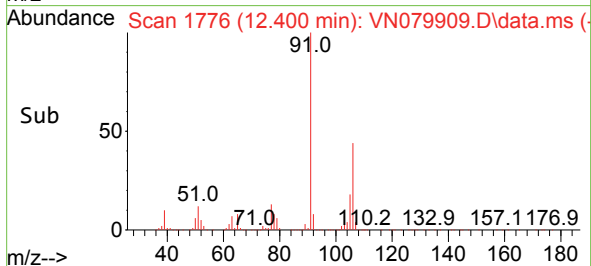
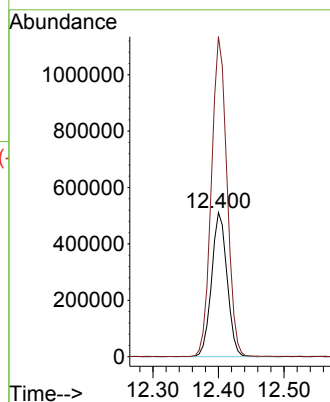
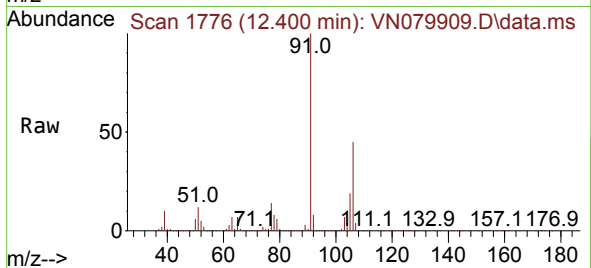




#69
o-Xylene
Concen: 106.607 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

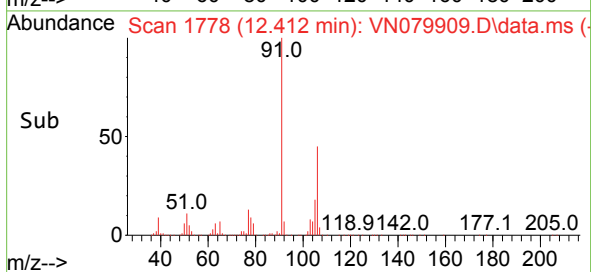
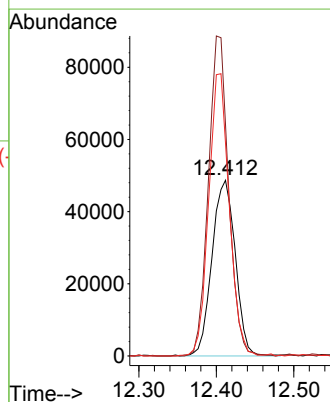
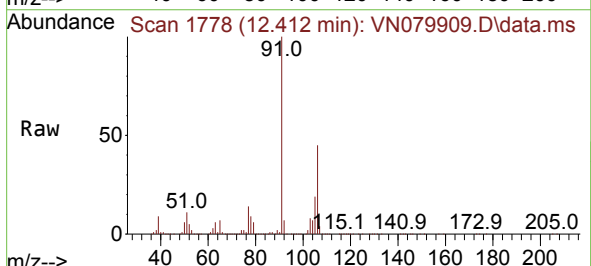
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

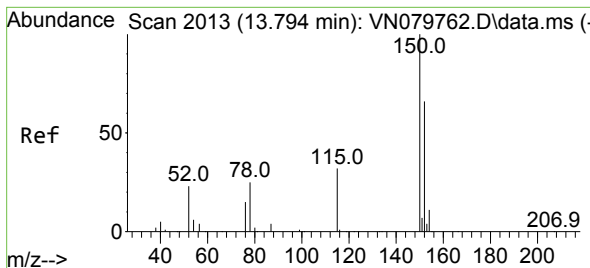
Tgt Ion:106 Resp: 838979
Ion Ratio Lower Upper
106 100
91 222.8 105.2 315.5



#70
Styrene
Concen: 8.060 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion:104 Resp: 101941
Ion Ratio Lower Upper
104 100
78 158.0 39.5 59.3#
103 141.9 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: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617

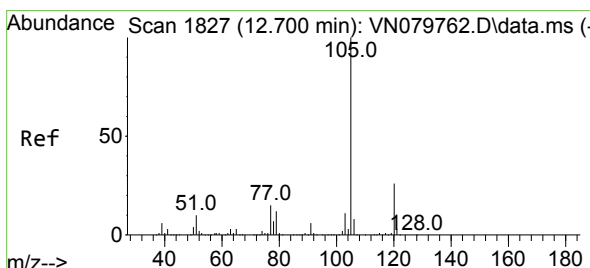
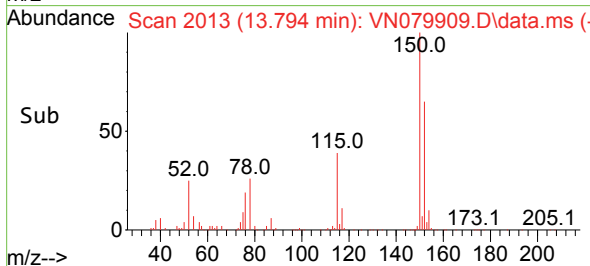
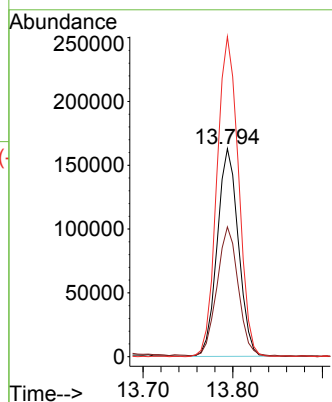
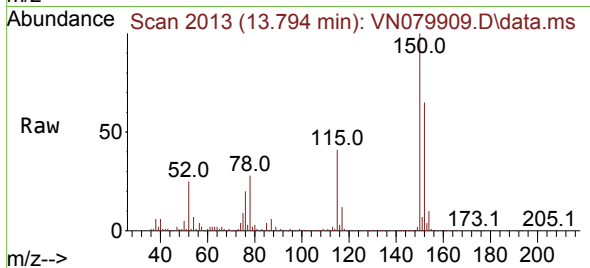
Tgt Ion:152 Resp: 265693

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 157.7 0.0 355.8



#73

Isopropylbenzene

Concen: 2.887 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079909.D

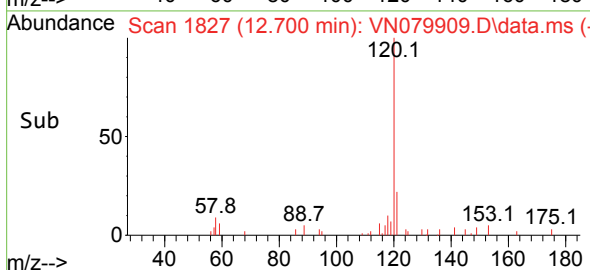
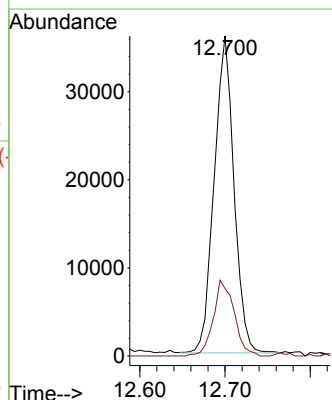
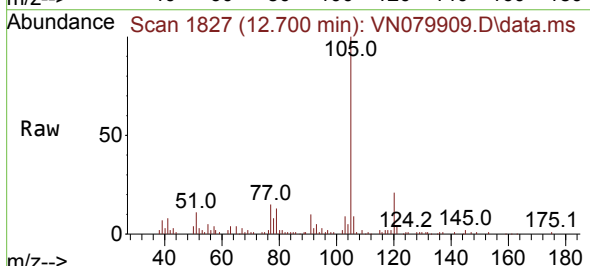
Acq: 04 Nov 2023 21:39

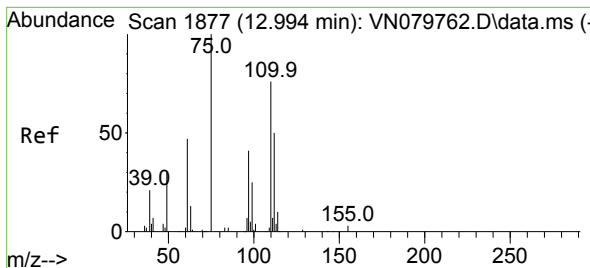
Tgt Ion:105 Resp: 58216

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 25.247 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

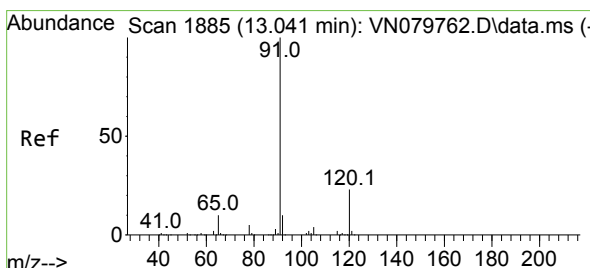
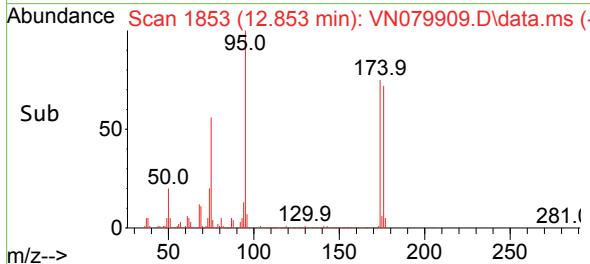
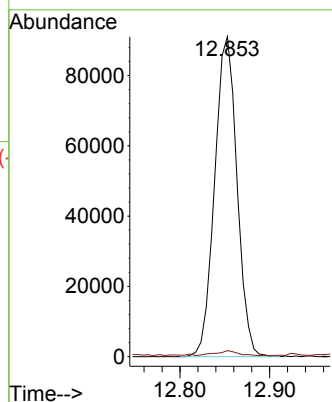
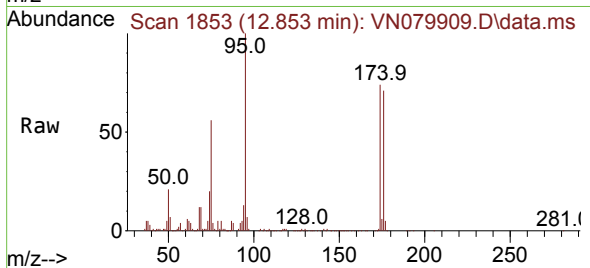
67S-SB16-1617

Tgt Ion: 75 Resp: 157481

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#78

n-propylbenzene

Concen: 4.788 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079909.D

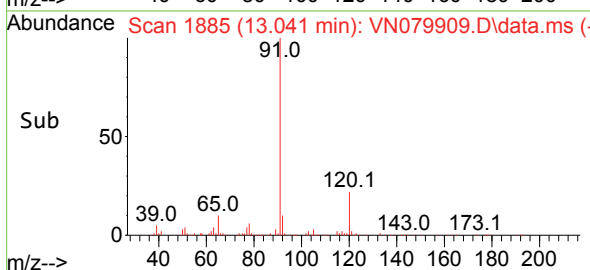
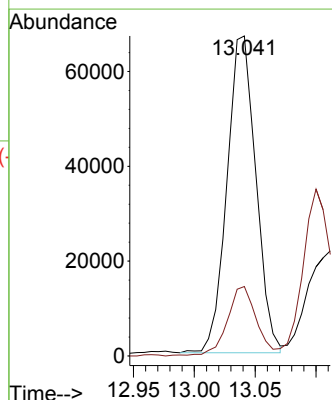
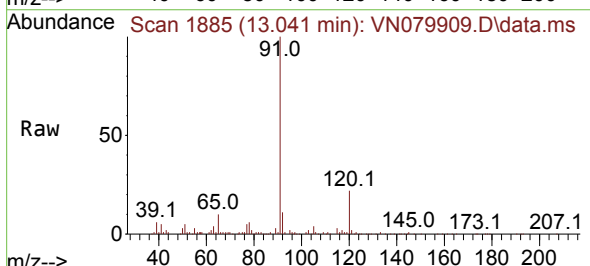
Acq: 04 Nov 2023 21:39

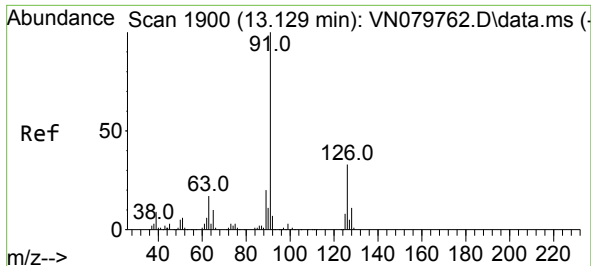
Tgt Ion: 91 Resp: 110566

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

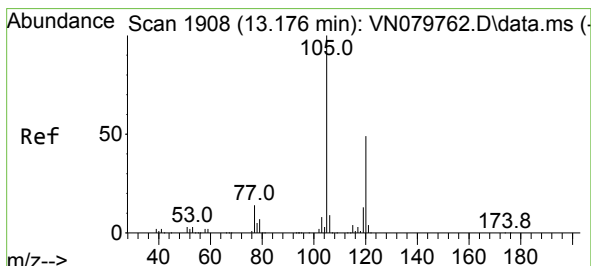
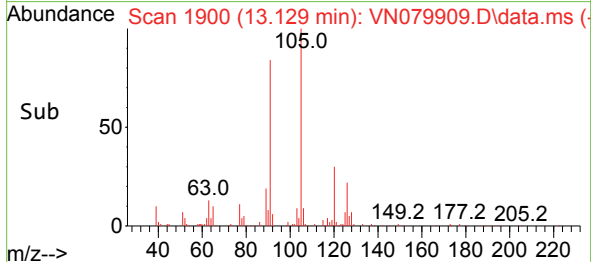
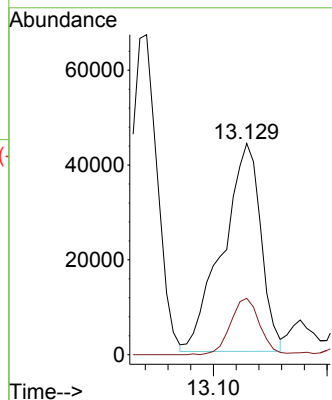
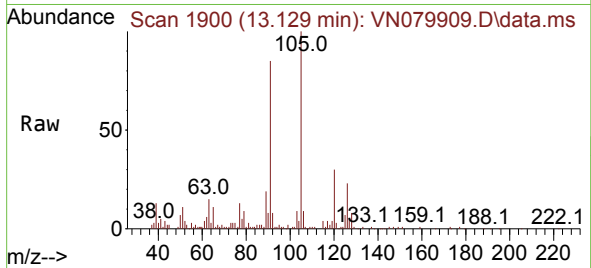




#79
2-Chlorotoluene
Concen: 6.963 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

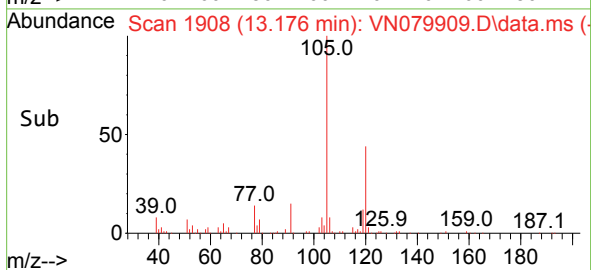
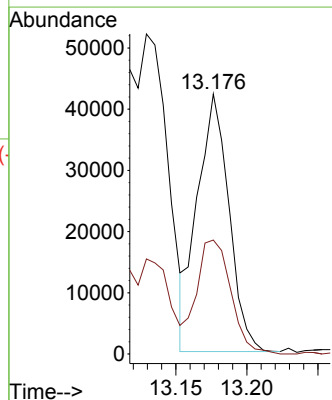
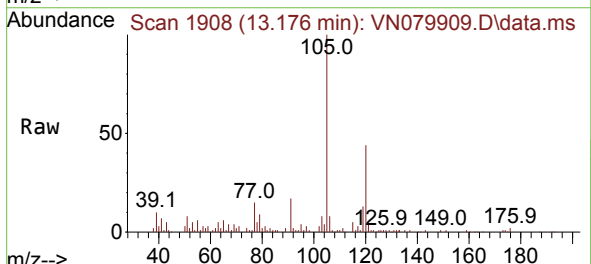
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

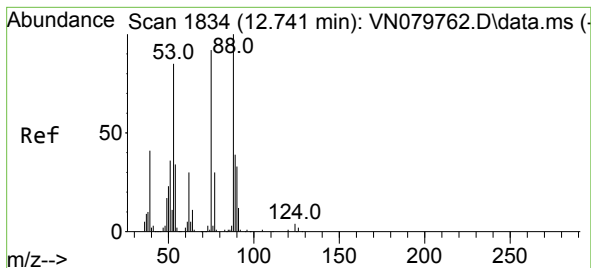
Tgt Ion: 91 Resp: 102712
Ion Ratio Lower Upper
91 100
126 20.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 4.143 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 105 Resp: 65004
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

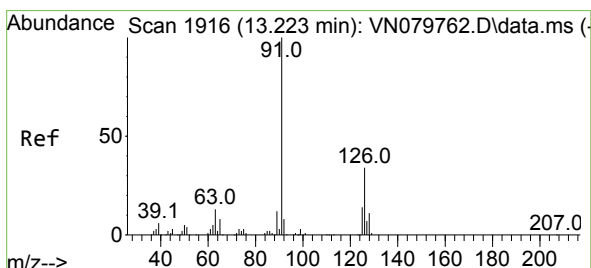
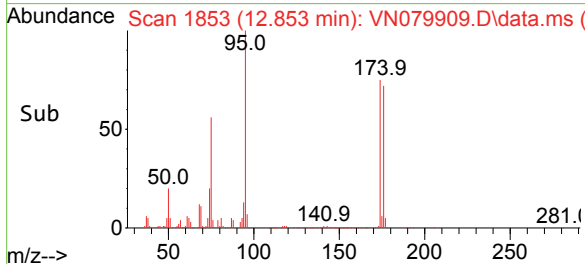
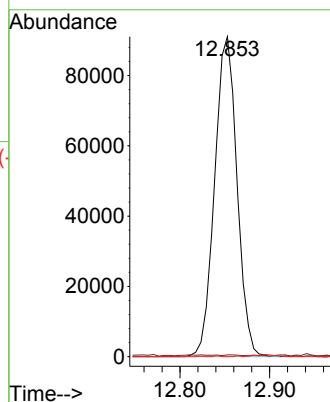
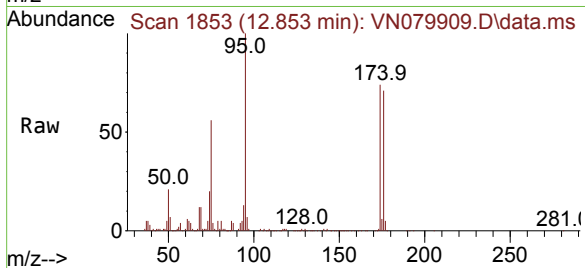




#81
trans-1,4-Dichloro-2-butene
Concen: 68.690 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

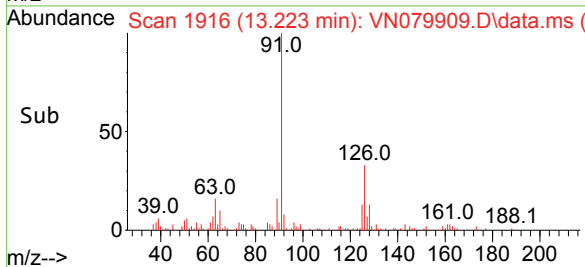
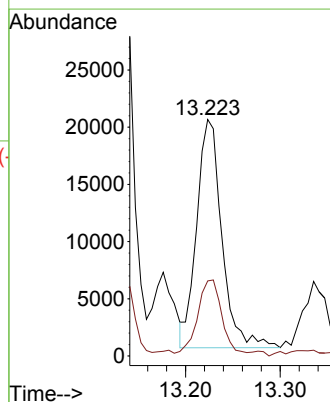
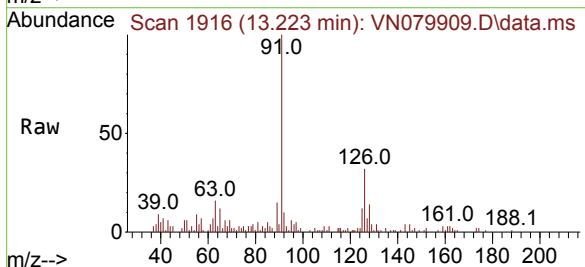
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

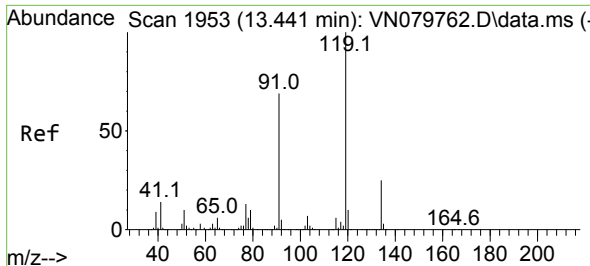
Tgt Ion: 75 Resp: 157481
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 2.516 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion: 91 Resp: 36879
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0

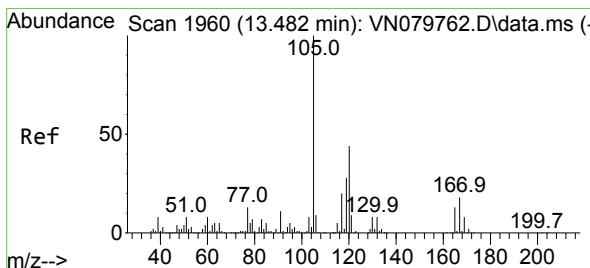
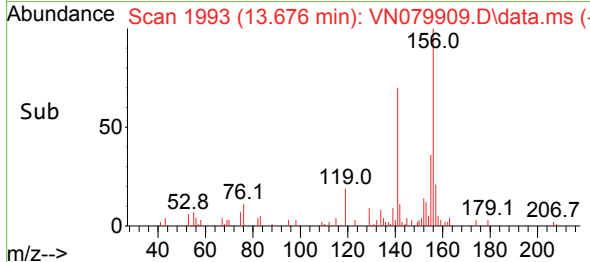
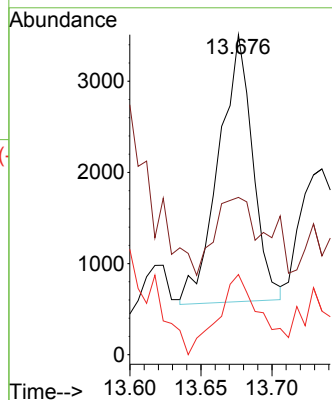
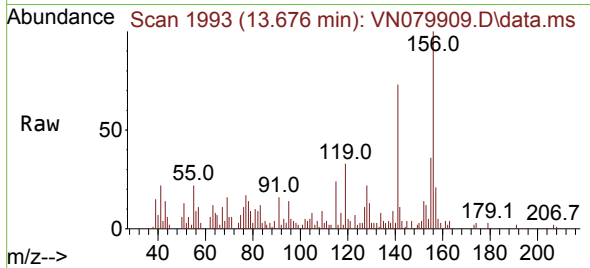




#83
tert-Butylbenzene
Concen: 0.380 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. 0.235 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

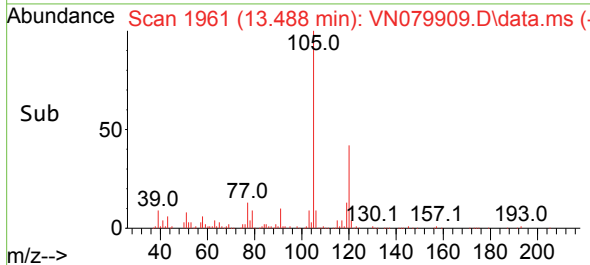
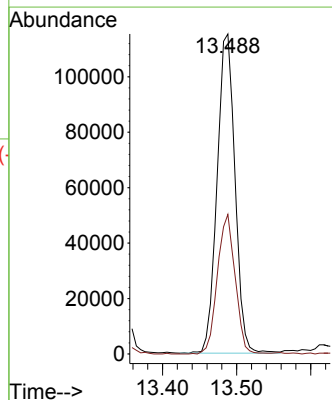
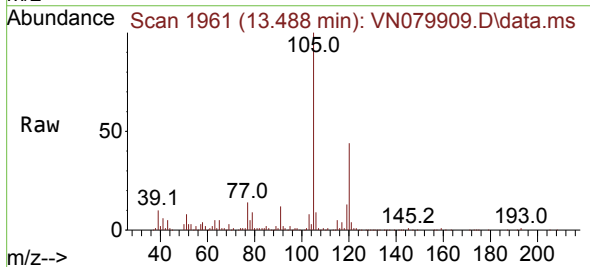
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617

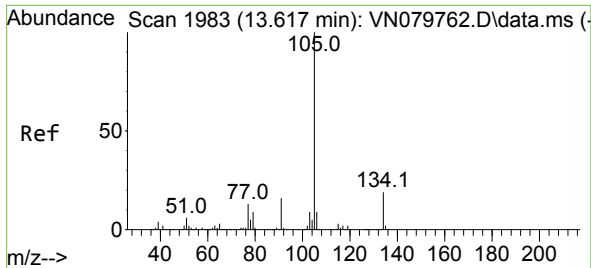
Tgt Ion:119 Resp: 4876
Ion Ratio Lower Upper
119 100
91 43.6 33.9 101.7
134 37.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 12.530 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079909.D
Acq: 04 Nov 2023 21:39

Tgt Ion:105 Resp: 193410
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0

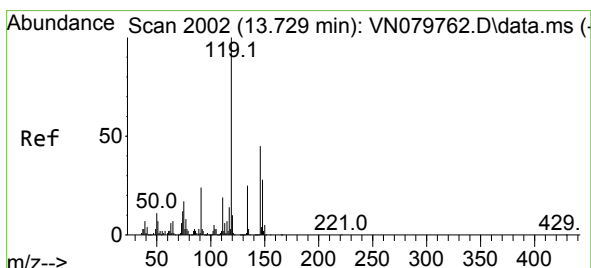
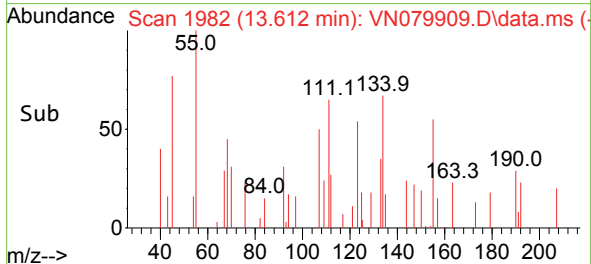
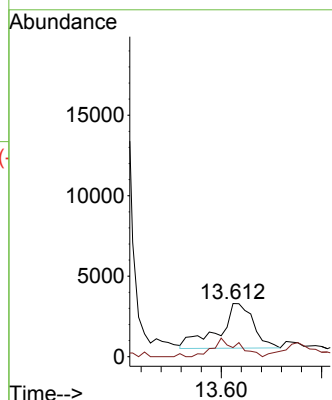
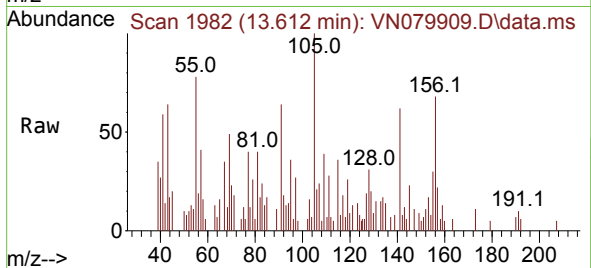




#85
 sec-Butylbenzene
 Concen: 0.375 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

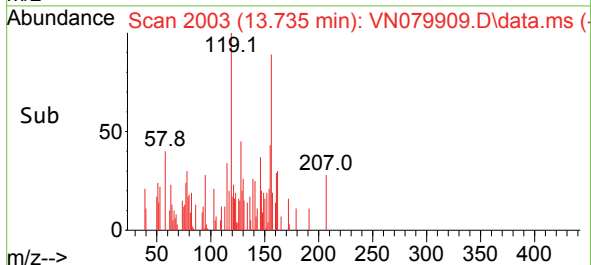
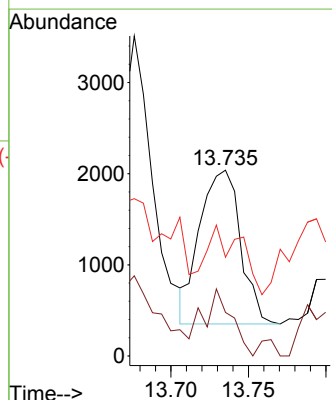
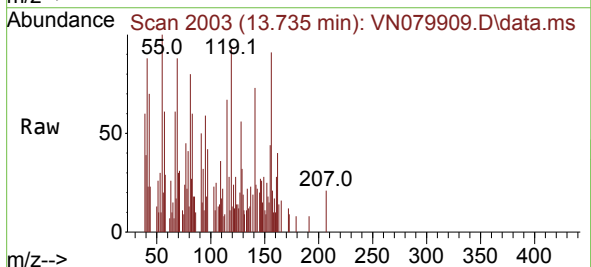
Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617

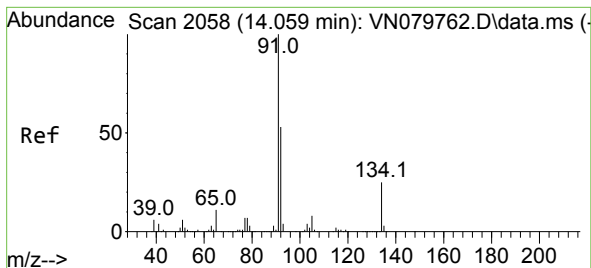
Tgt Ion:105 Resp: 6675
 Ion Ratio Lower Upper
 105 100
 134 30.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.213 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

Tgt Ion:119 Resp: 3084
 Ion Ratio Lower Upper
 119 100
 134 30.1 12.6 37.8
 91 35.8 12.4 37.2





#89

n-Butylbenzene

Concen: 0.322 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617

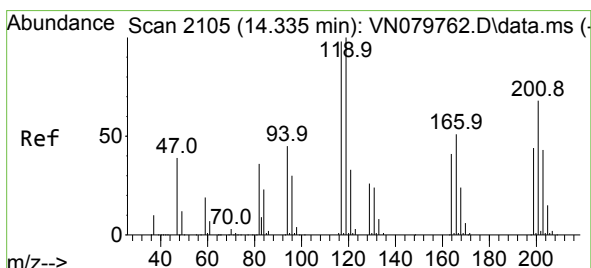
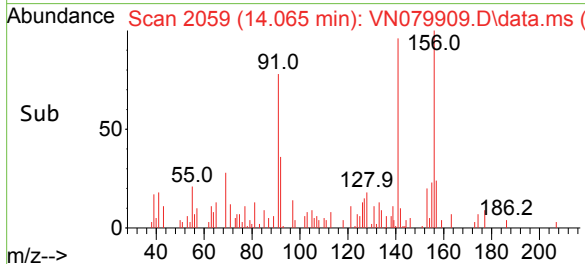
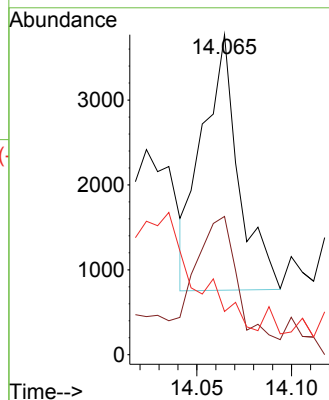
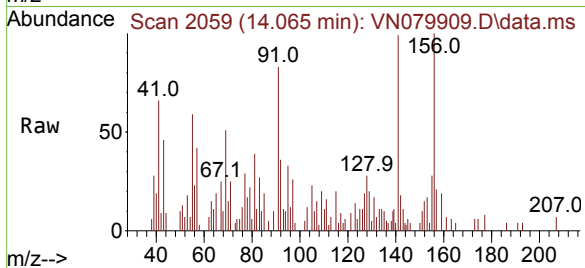
Tgt Ion: 91 Resp: 4024

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 0.532 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079909.D

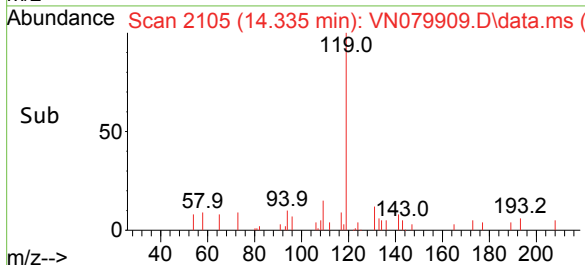
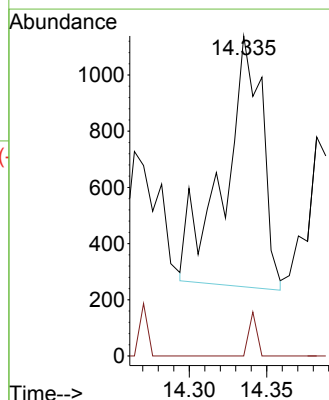
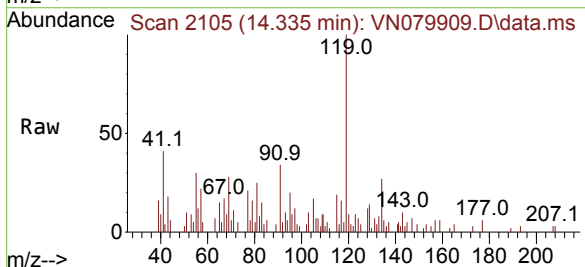
Acq: 04 Nov 2023 21:39

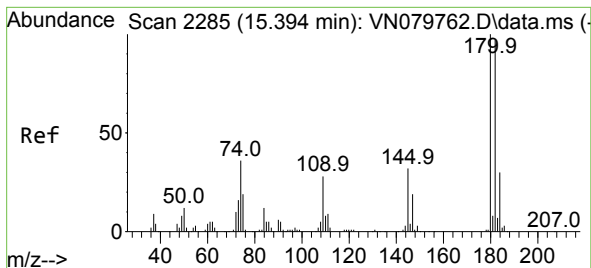
Tgt Ion: 117 Resp: 1527

Ion Ratio Lower Upper

117 100

201 3.6 29.3 88.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.266 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079909.D

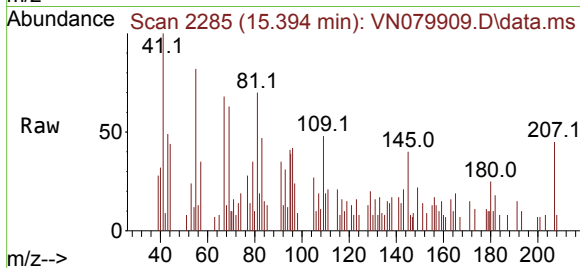
Acq: 04 Nov 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617



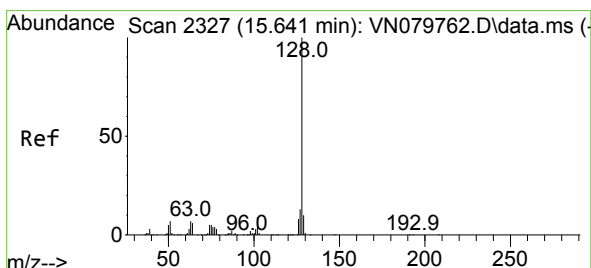
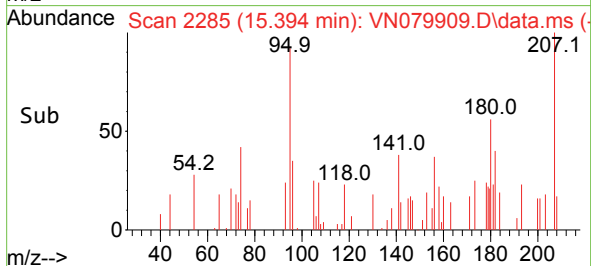
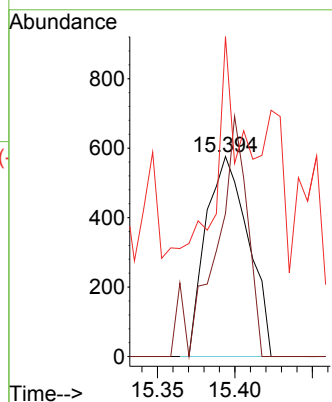
Tgt Ion:180 Resp: 1096

Ion Ratio Lower Upper

180 100

182 90.4 46.1 138.2

145 41.4 16.6 49.8



#95

Naphthalene

Concen: 1.266 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079909.D

Acq: 04 Nov 2023 21:39

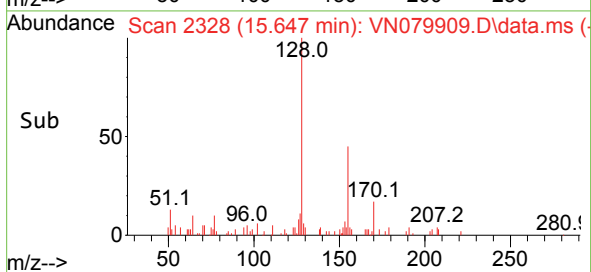
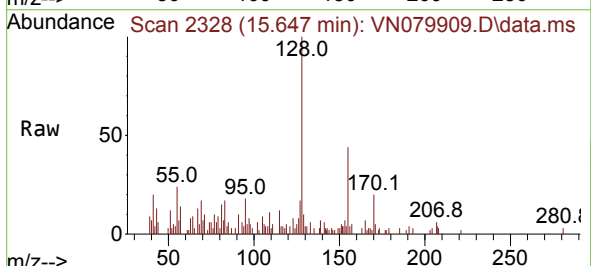
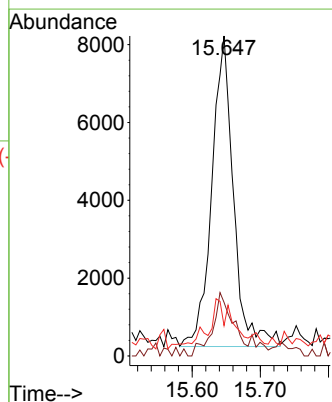
Tgt Ion:128 Resp: 17705

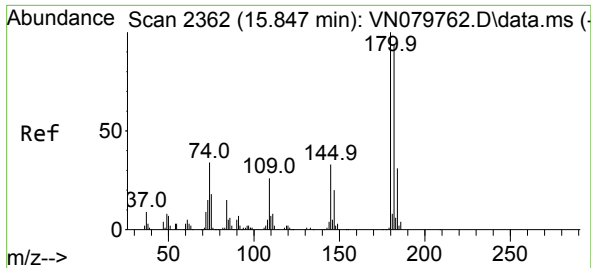
Ion Ratio Lower Upper

128 100

127 19.6 10.0 15.0#

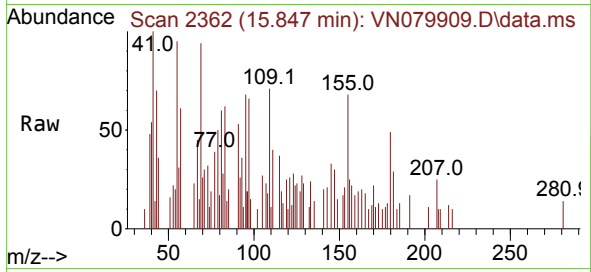
129 8.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.303 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079909.D
 Acq: 04 Nov 2023 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617



Tgt Ion:	180	Resp:	1226
Ion Ratio	Lower	Upper	
180	100		
182	104.3	46.2	138.6
145	0.0	17.5	52.6#

