

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079908.D
 Acq On : 04 Nov 2023 21:15
 Operator : JC\MD
 Sample : 05102-10 20X
 Misc : 3.28g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 02:21:05 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	8.229	168	235657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216376	60.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.540%	
35) Dibromofluoromethane	8.171	113	177676	52.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.571	98	649593	52.390	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.853	95	261641	63.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.260%#	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	1537	Below Cal	89	
5) Bromomethane	2.953	94	1165	0.516	ug/l #	35
10) Methyl Iodide	4.589	142	1221	0.399	ug/l #	70
14) Allyl chloride	5.265	41	1014	0.261	ug/l #	19
15) Acrylonitrile	5.800	53	382	0.267	ug/l #	27
16) Acetone	4.430	43	619	0.491	ug/l #	40
20) Methylene Chloride	5.277	84	2046	0.643	ug/l #	62
27) cis-1,2-Dichloroethene	7.488	96	4655	1.376	ug/l	94
30) Chloroform	7.971	83	1379	0.232	ug/l	91
31) Cyclohexane	8.259	56	25825	5.443	ug/l	91
36) 1,1-Dichloropropene	8.224	75	21039	4.375	ug/l #	47
38) Carbon Tetrachloride	8.229	117	25414	5.244	ug/l #	17
39) Methylcyclohexane	9.606	83	41907	9.260	ug/l #	79
40) Benzene	8.612	78	5225	0.363	ug/l #	86
43) Isopropyl Acetate	8.712	43	2665	0.345	ug/l #	49
45) 1,2-Dichloropropane	9.600	63	984	0.267	ug/l #	1
48) Methyl methacrylate	9.606	41	26211	7.737	ug/l #	58
52) Toluene	10.635	92	146941	17.208	ug/l	97
53) t-1,3-Dichloropropene	10.641	75	2418	0.460	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	5337	1.554	ug/l #	26
56) Ethyl methacrylate	10.871	69	1871	0.382	ug/l #	32
59) 2-Hexanone	11.176	43	16874	5.065	ug/l #	22
61) 1,2-Dibromoethane	11.476	107	724	0.210	ug/l #	1
65) Chlorobenzene	11.894	112	8705	0.758	ug/l	91
67) Ethyl Benzene	11.970	91	56833	2.839	ug/l #	87
68) m/p-Xylenes	12.070	106	75168	10.079	ug/l	94
69) o-Xylene	12.400	106	22489	3.132	ug/l	96
70) Styrene	12.406	104	3574	0.310	ug/l #	1
73) Isopropylbenzene	12.700	105	32093	1.739	ug/l	100
74) N-amyl acetate	12.482	43	18081	2.245	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	13.082	83	2200	0.336	ug/l	71
76) 1,2,3-Trichloropropane	12.853	75	144879	25.379	ug/l #	1
78) n-propylbenzene	13.041	91	88229	4.175	ug/l	96
79) 2-Chlorotoluene	13.129	91	3929	0.291	ug/l #	70
80) 1,3,5-Trimethylbenzene	13.176	105	6415	0.447	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	144879	69.050	ug/l #	15

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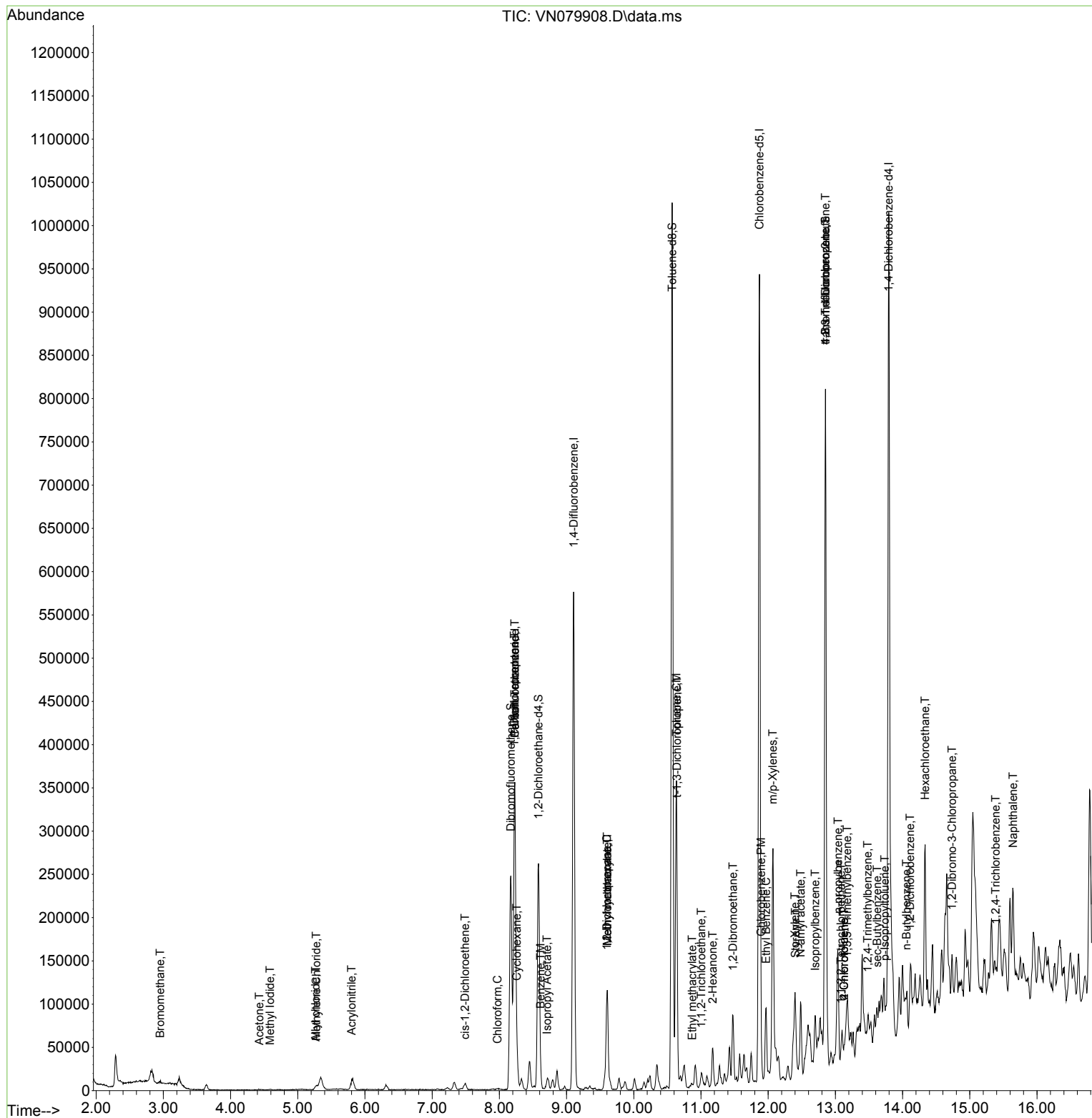
82) 4-Chlorotoluene	13.129	91	3929	0.293	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.482	105	24741	1.751	ug/l	96
85) sec-Butylbenzene	13.623	105	19062	1.171	ug/l #	77
86) p-Isopropyltoluene	13.735	119	10610	0.799	ug/l	92
89) n-Butylbenzene	14.059	91	23447	2.051	ug/l #	85
90) Hexachloroethane	14.335	117	11064	4.208	ug/l #	21
91) 1,2-Dichlorobenzene	14.111	146	2782	0.351	ug/l #	76
92) 1,2-Dibromo-3-Chloropr...	14.735	75	343	0.309	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.388	180	1411	0.374	ug/l #	70
95) Naphthalene	15.647	128	113169	8.845	ug/l	98

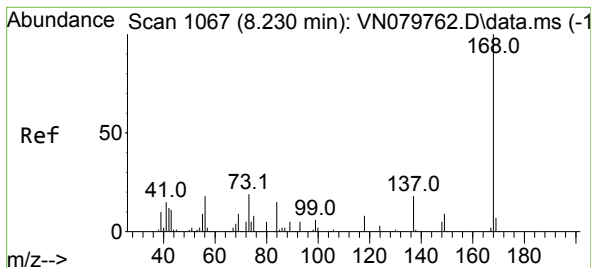
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

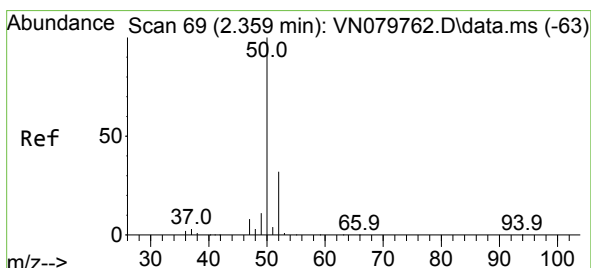
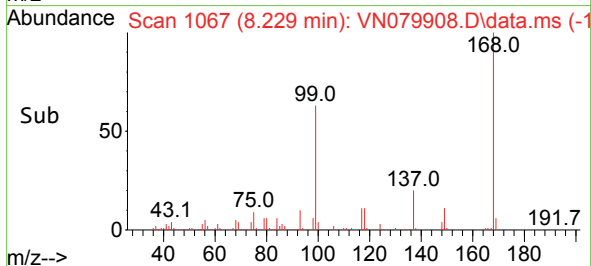
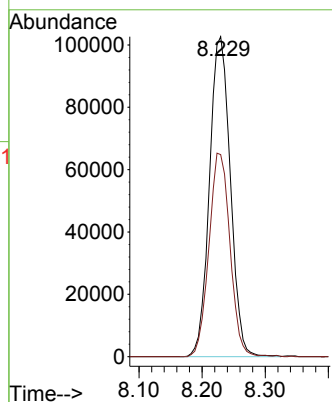
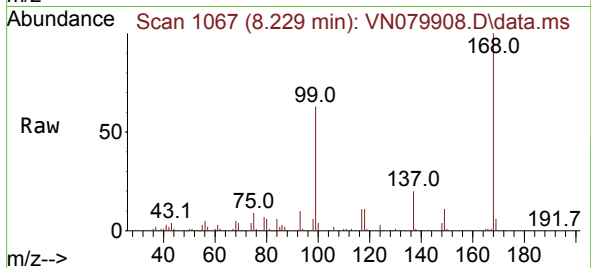
ClientSampleId :

Tgt Ion:168 Resp: 235657

Ion Ratio Lower Upper

168 100

99 63.2 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079908.D

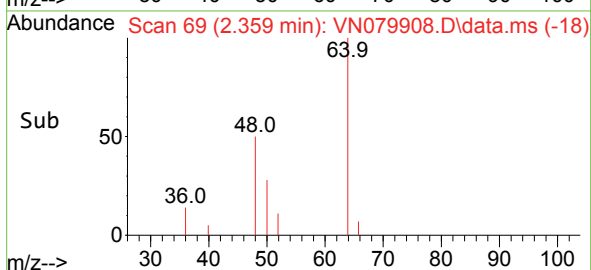
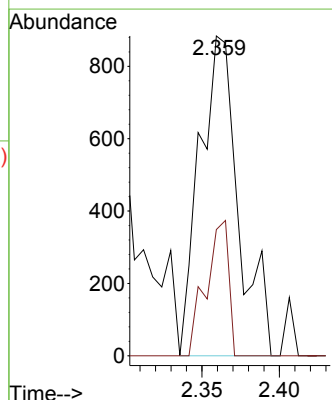
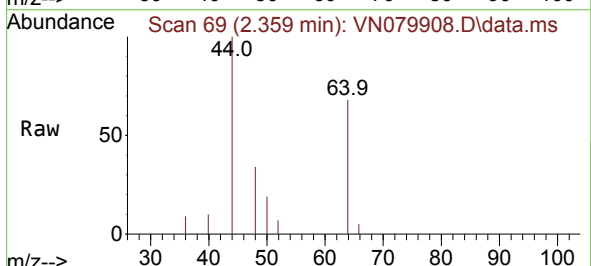
Acq: 04 Nov 2023 21:15

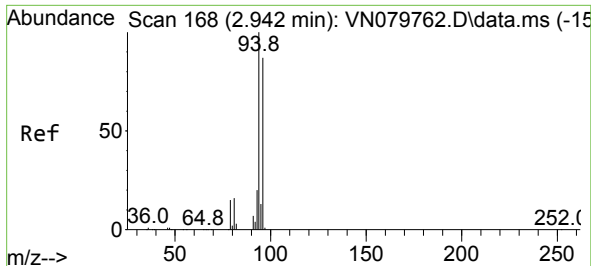
Tgt Ion: 50 Resp: 1537

Ion Ratio Lower Upper

50 100

52 39.5 26.5 39.7

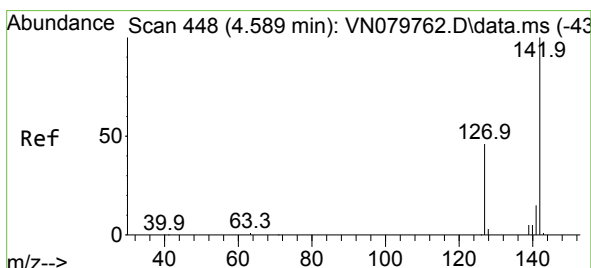
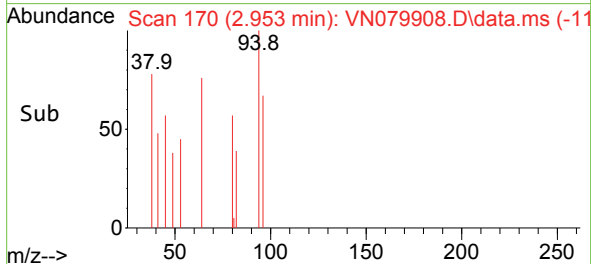
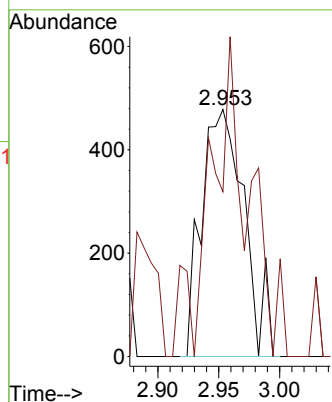
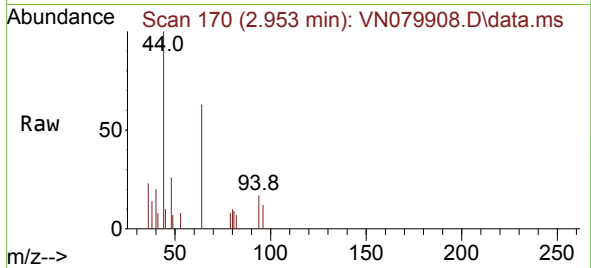




#5
Bromomethane
Concen: 0.516 ug/l
RT: 2.953 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

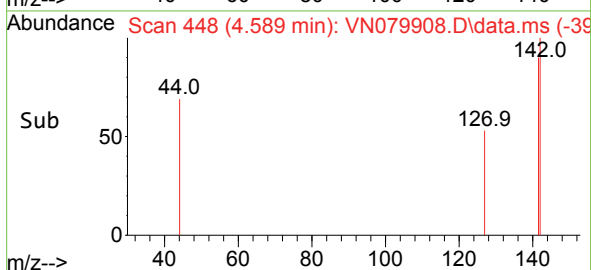
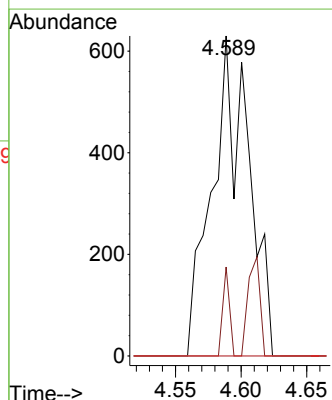
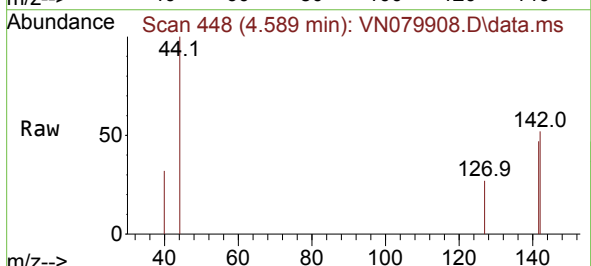
Instrument :
MSVOA_N
ClientSampleId :

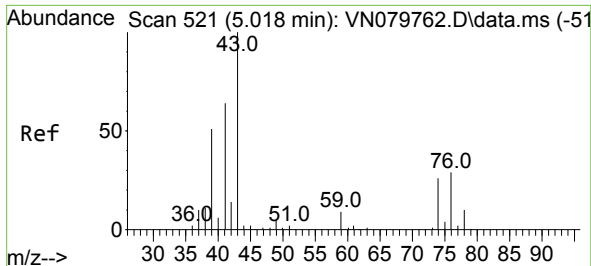
Tgt Ion: 94 Resp: 1165
Ion Ratio Lower Upper
94 100
96 29.9 73.1 109.7#



#10
Methyl Iodide
Concen: 0.399 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

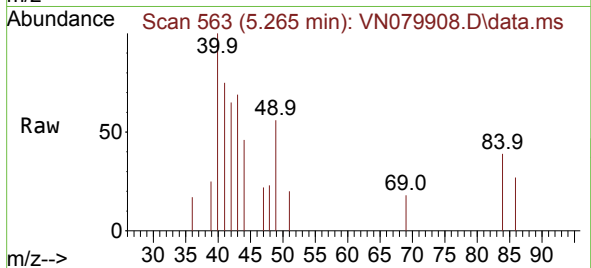
Tgt Ion:142 Resp: 1221
Ion Ratio Lower Upper
142 100
127 27.8 37.6 56.4#
141 0.0 11.4 17.0#



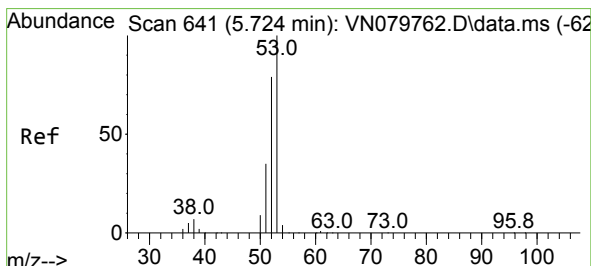
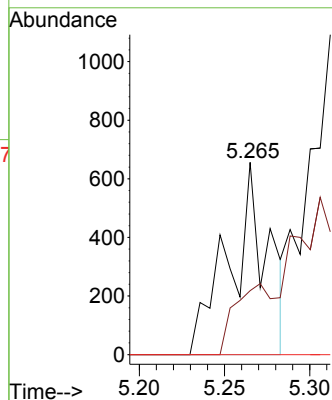
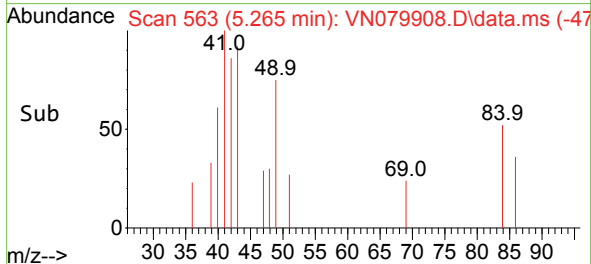


#14
 Allyl chloride
 Concen: 0.261 ug/l
 RT: 5.265 min Scan# 501
 Delta R.T. 0.241 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

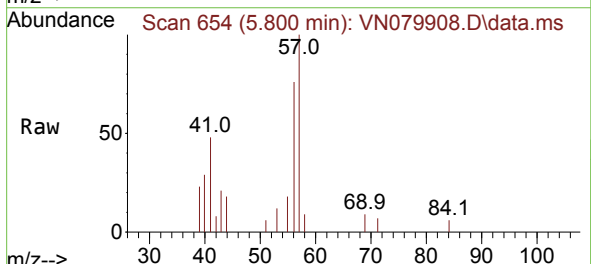
Instrument :
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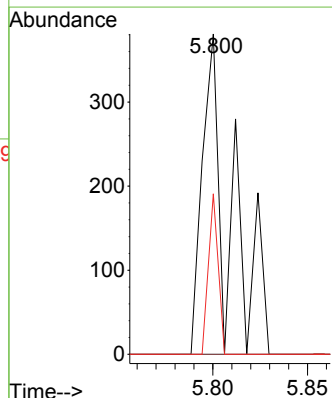
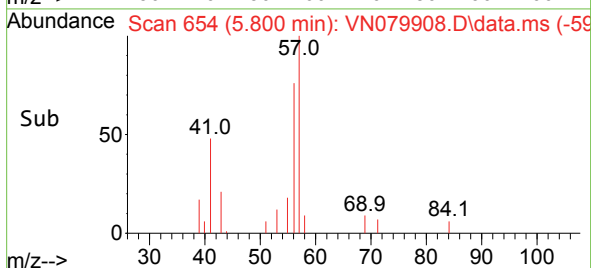
Tgt Ion: 41 Resp: 1014
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 39.1 58.7#

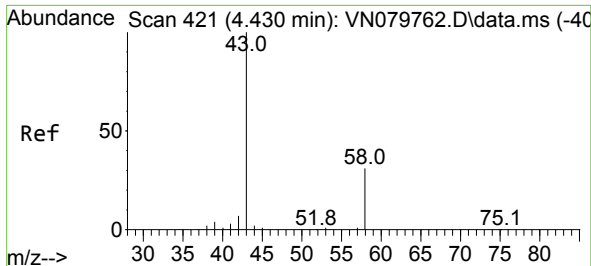


#15
 Acrylonitrile
 Concen: 0.267 ug/l
 RT: 5.800 min Scan# 654
 Delta R.T. 0.076 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15



Tgt Ion: 53 Resp: 382
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.3 97.9#
 51 17.5 28.9 43.3#

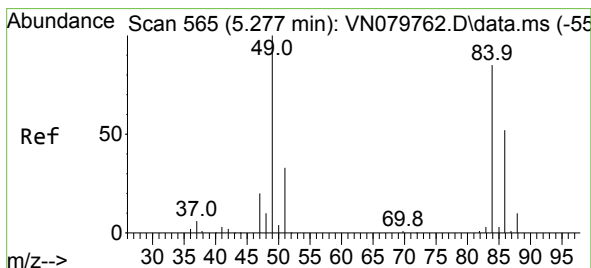
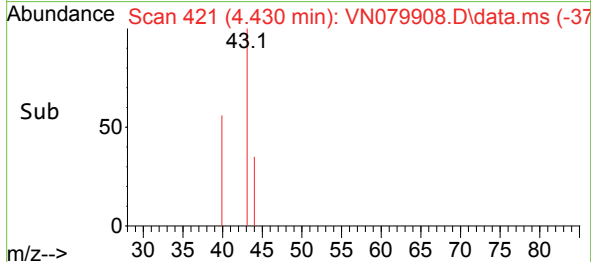
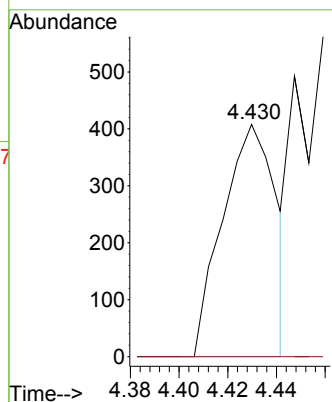
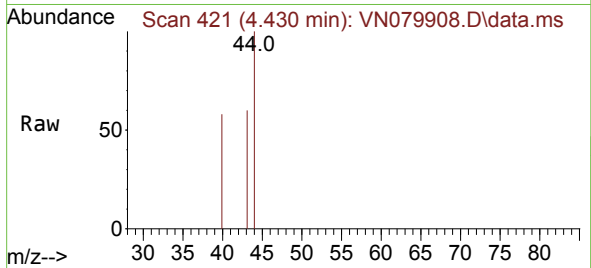




#16
Acetone
Concen: 0.491 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

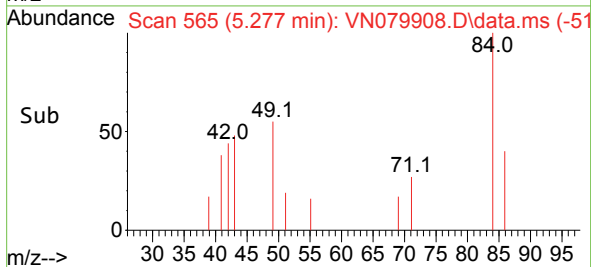
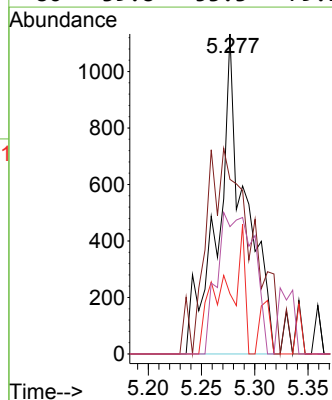
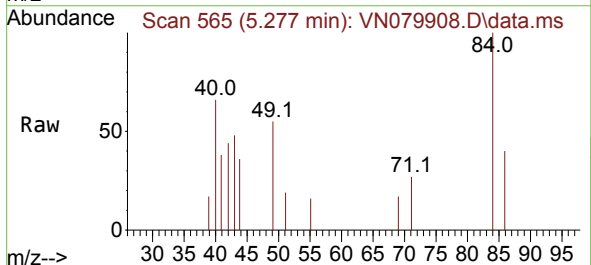
Instrument :
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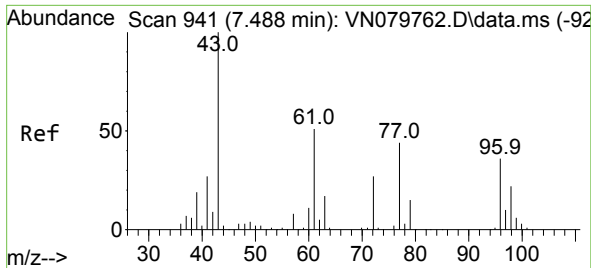
Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.643 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 84 Resp: 2046
Ion Ratio Lower Upper
84 100
49 54.5 79.7 119.5#
51 18.8 25.2 37.8#
86 39.8 53.3 79.9#

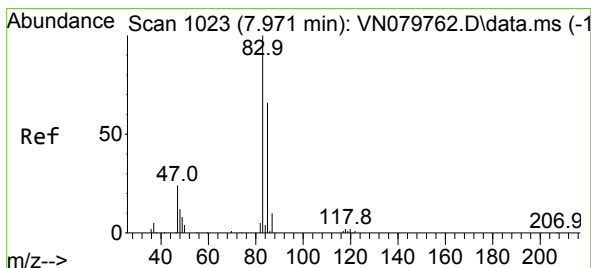
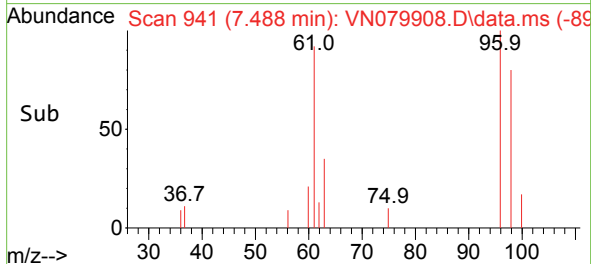
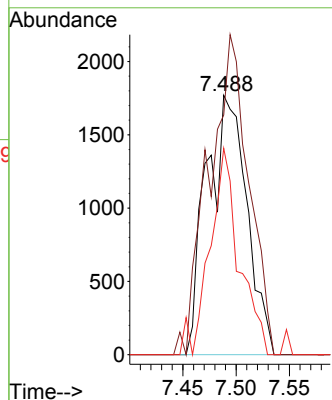
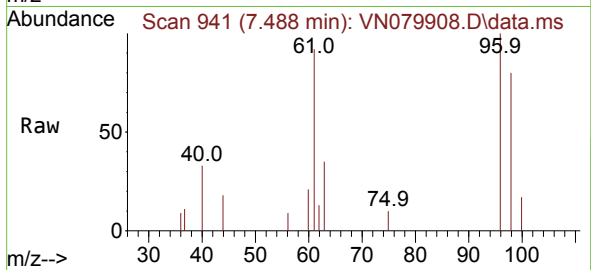




#27
 cis-1,2-Dichloroethene
 Concen: 1.376 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

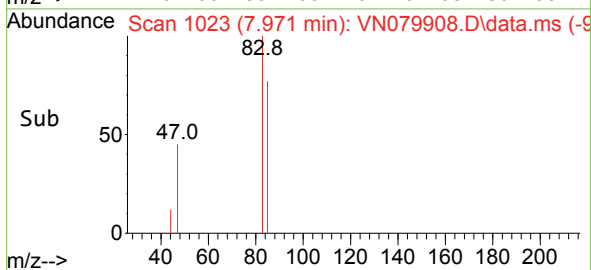
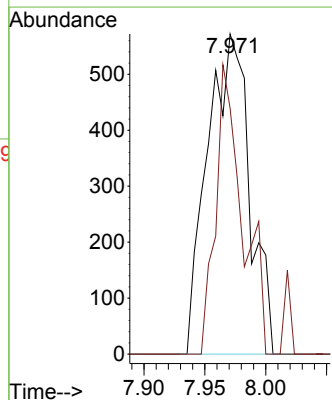
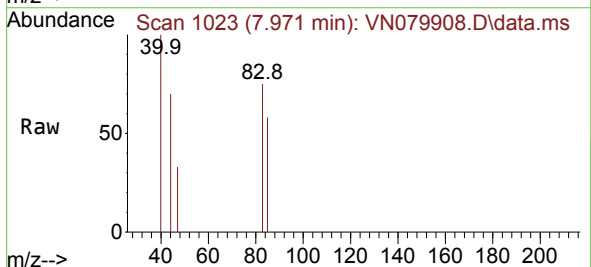
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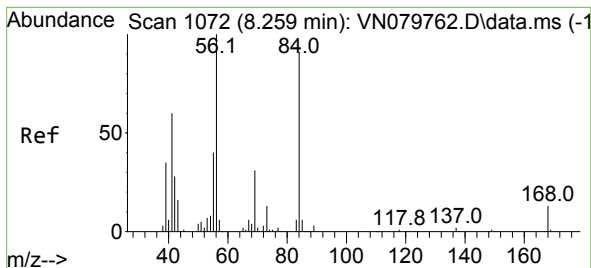
Tgt Ion: 96 Resp: 4655
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 255.2
 98 57.7 0.0 128.8



#30
 Chloroform
 Concen: 0.232 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.000 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

Tgt Ion: 83 Resp: 1379
 Ion Ratio Lower Upper
 83 100
 85 76.7 55.4 83.0





#31

Cyclohexane

Concen: 5.443 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

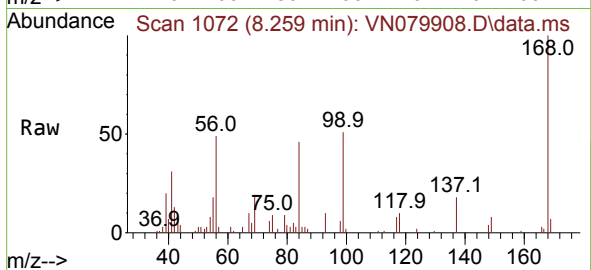
Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :



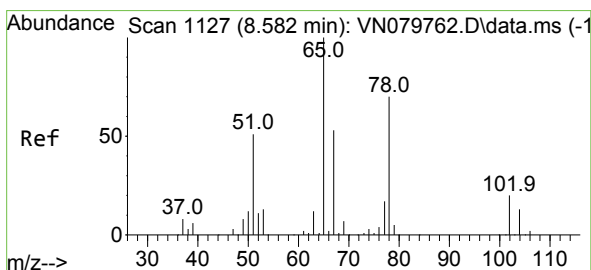
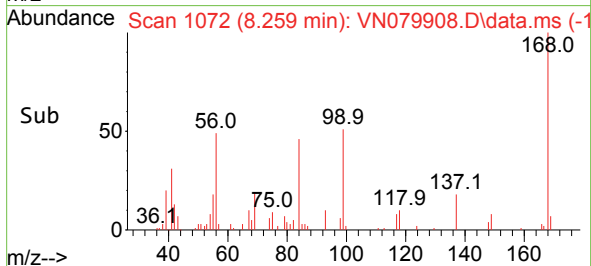
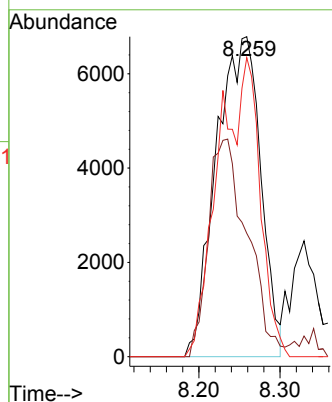
Tgt Ion: 56 Resp: 25825

Ion Ratio Lower Upper

56 100

69 38.6 26.8 40.2

84 93.5 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 60.267 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

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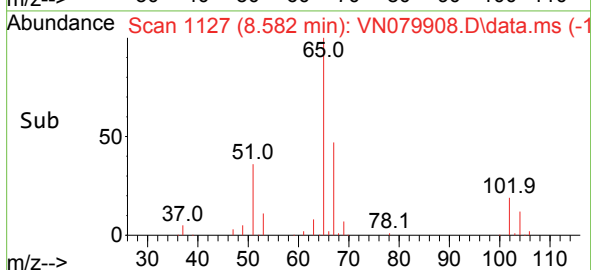
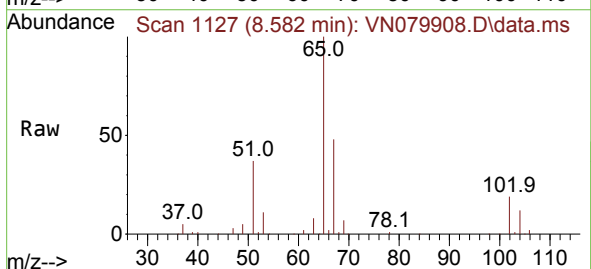
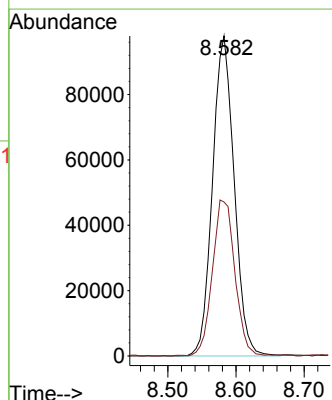
Acq: 04 Nov 2023 21:15

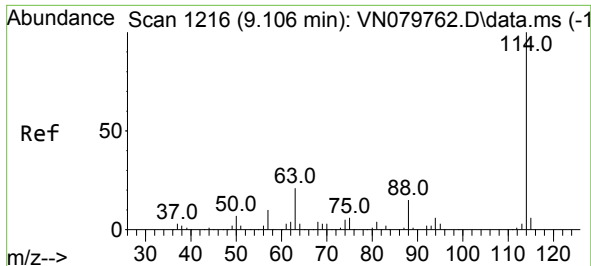
Tgt Ion: 65 Resp: 216376

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :

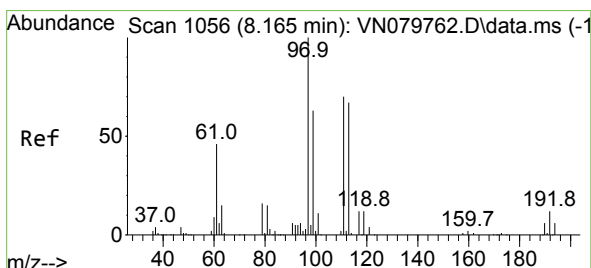
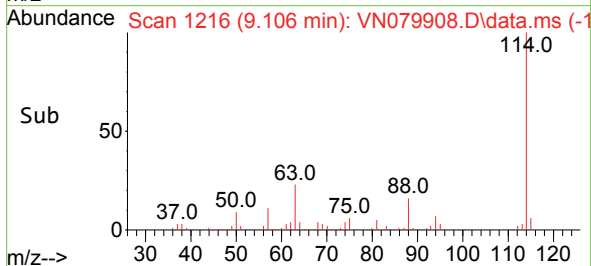
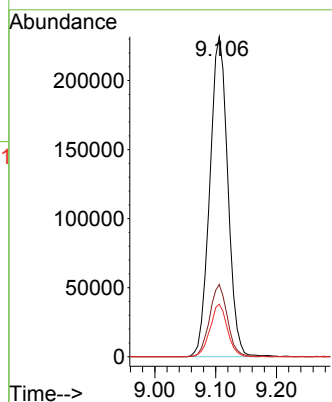
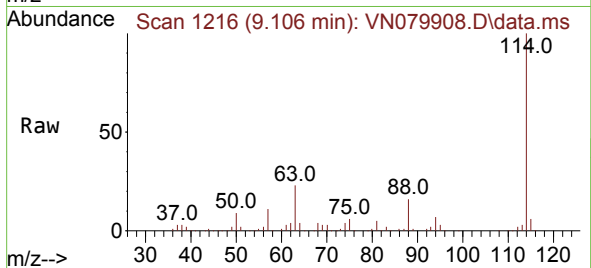
Tgt Ion:114 Resp: 475883

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.752 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

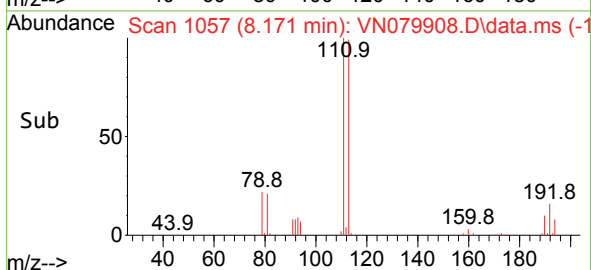
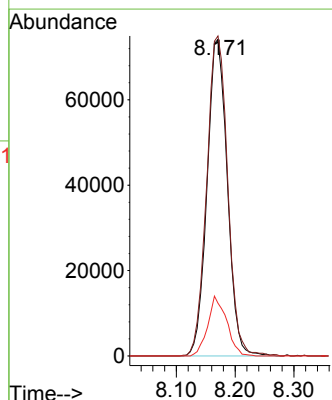
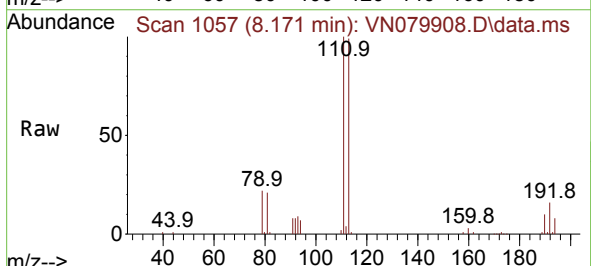
Tgt Ion:113 Resp: 177676

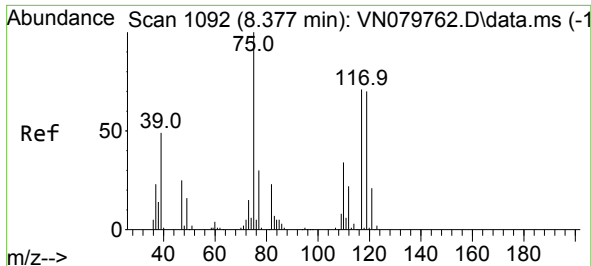
Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

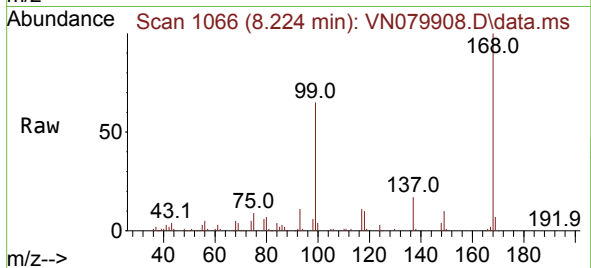
192 17.7 12.7 19.1



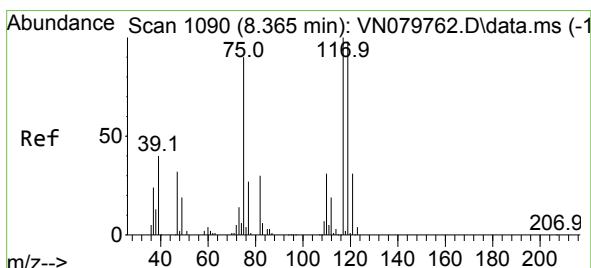
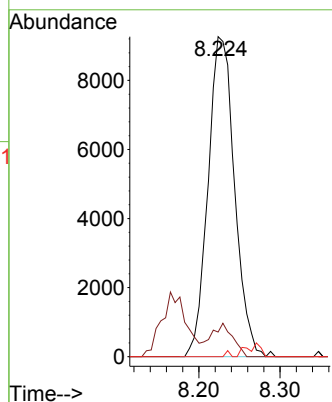
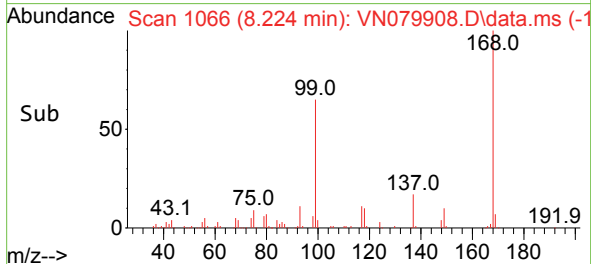


#36
1,1-Dichloropropene
Concen: 4.375 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Instrument :
MSVOA_N
ClientSampleId :

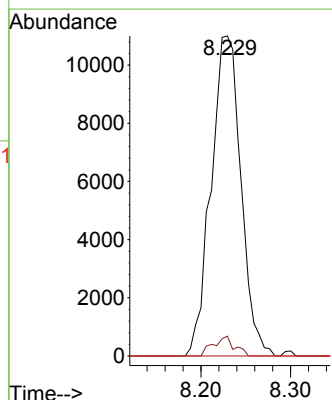
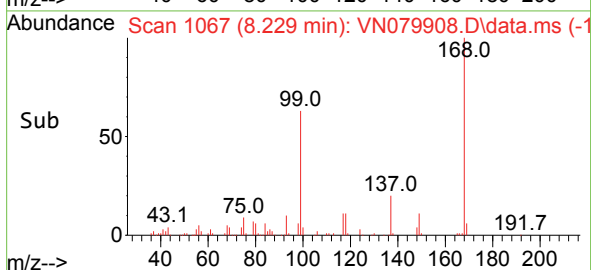
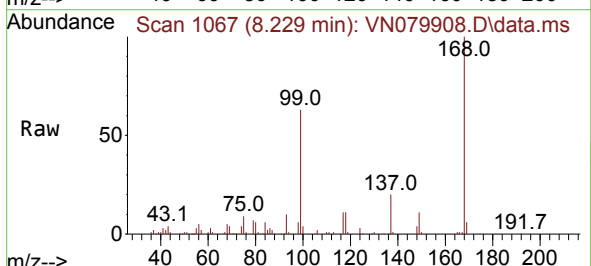


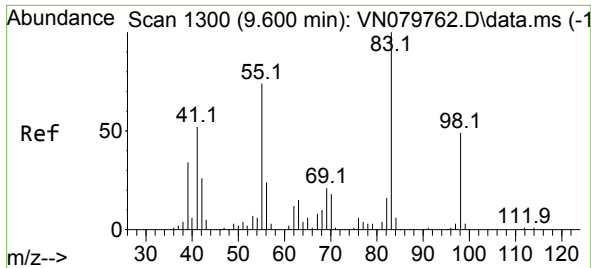
Tgt Ion: 75 Resp: 21039
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.3#
77 0.3 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 117 Resp: 25414
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 9.260 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :

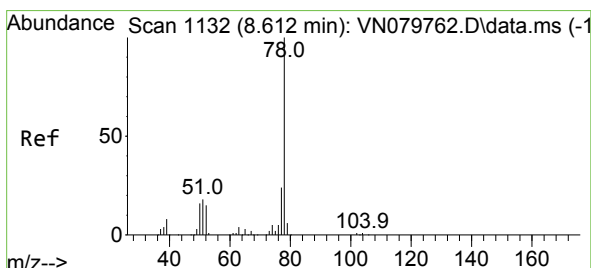
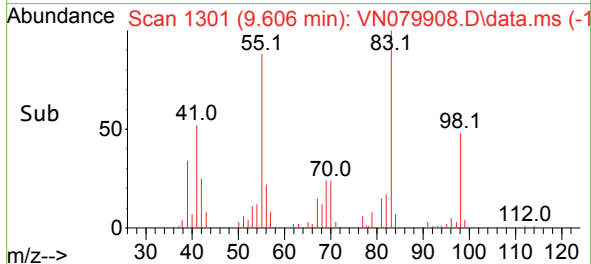
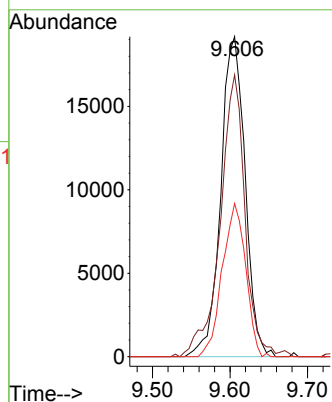
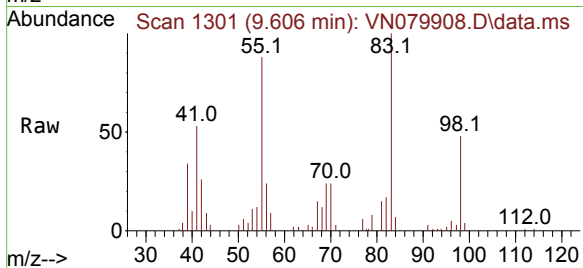
Tgt Ion: 83 Resp: 41907

Ion Ratio Lower Upper

83 100

55 88.1 49.1 73.7#

98 47.9 40.6 61.0



#40

Benzene

Concen: 0.363 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079908.D

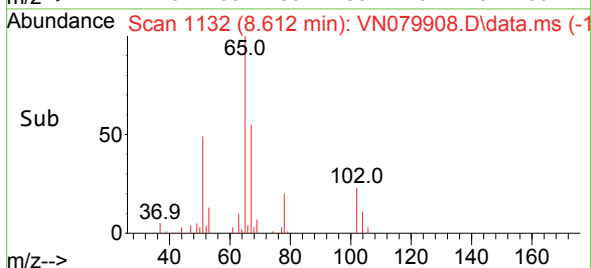
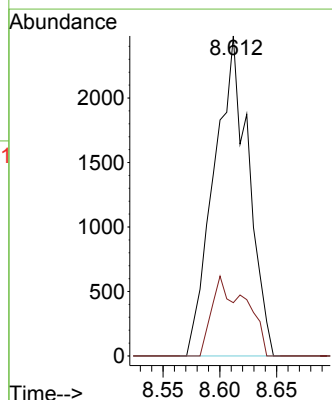
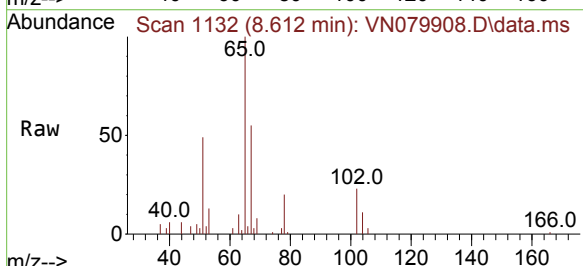
Acq: 04 Nov 2023 21:15

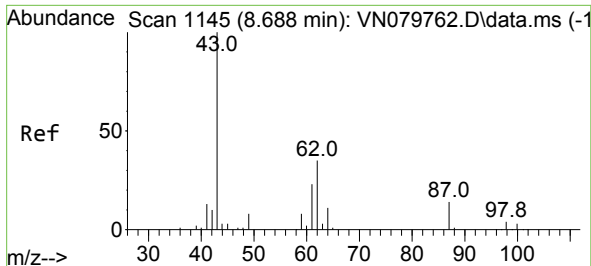
Tgt Ion: 78 Resp: 5225

Ion Ratio Lower Upper

78 100

77 16.7 19.0 28.6#

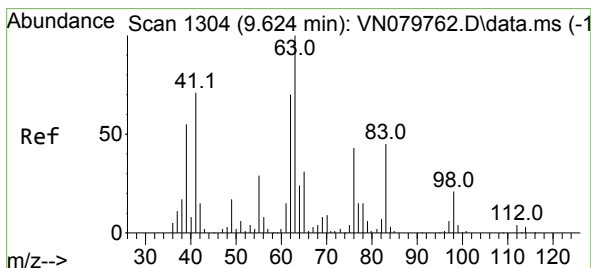
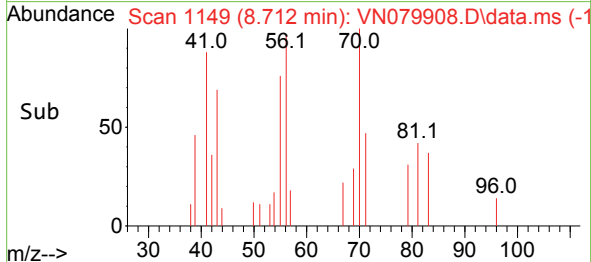
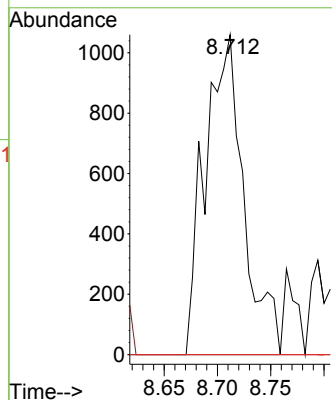
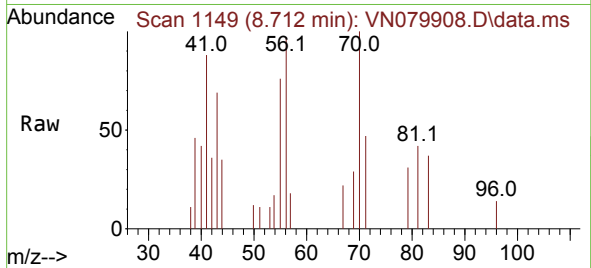




#43
Isopropyl Acetate
Concen: 0.345 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

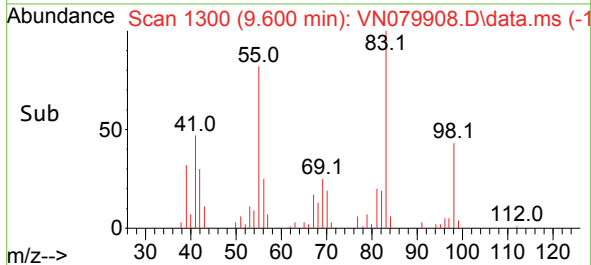
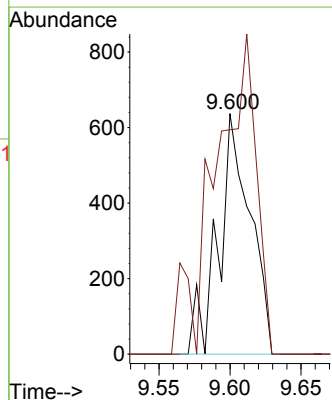
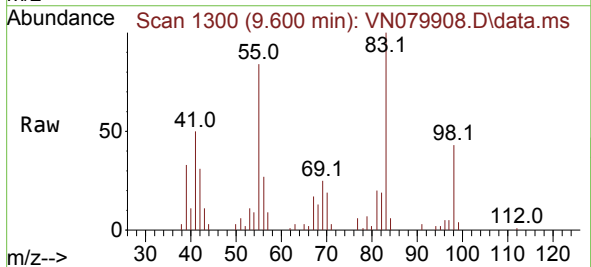
Instrument :
MSVOA_N
ClientSampleId :

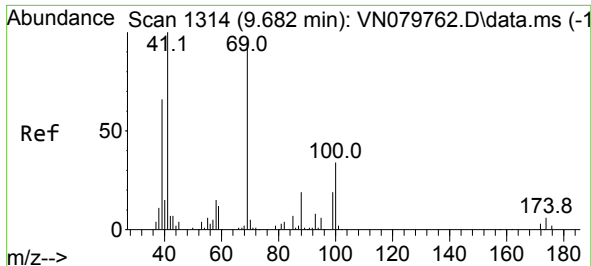
Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.267 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.024 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

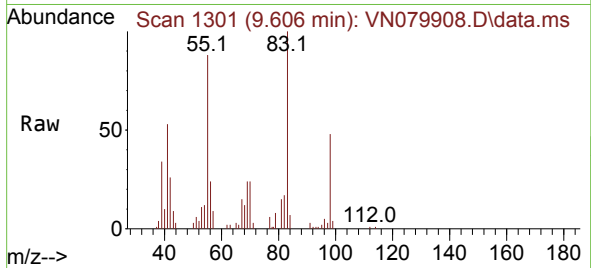
Tgt Ion: 63 Resp: 984
Ion Ratio Lower Upper
63 100
65 93.2 23.9 35.9#



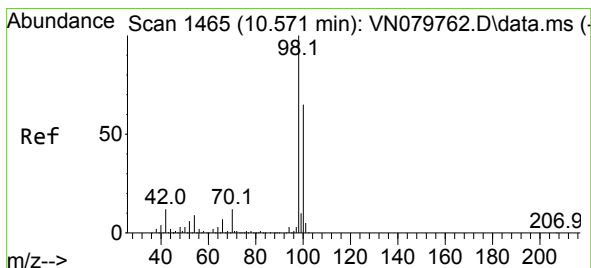
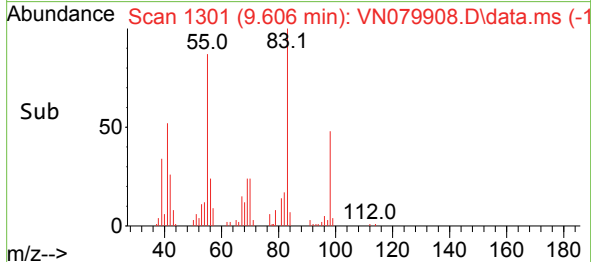
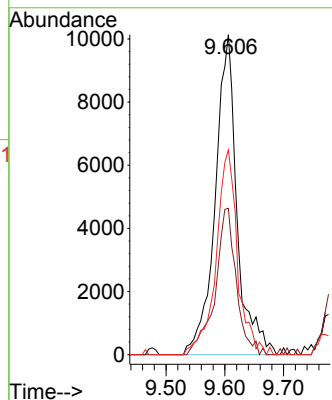


#48
Methyl methacrylate
Concen: 7.737 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.076 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Instrument :
MSVOA_N
ClientSampleId :

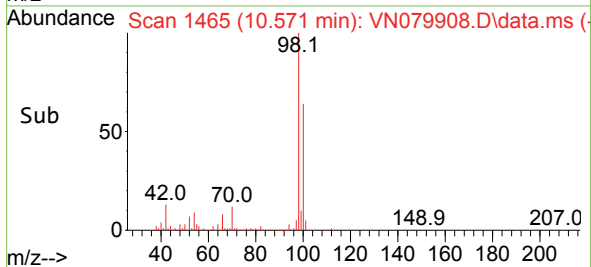
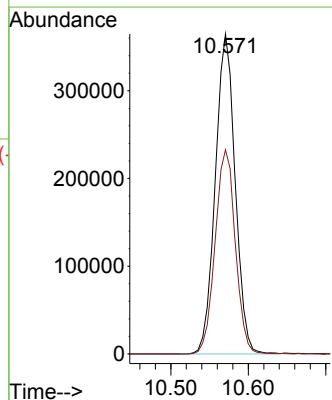
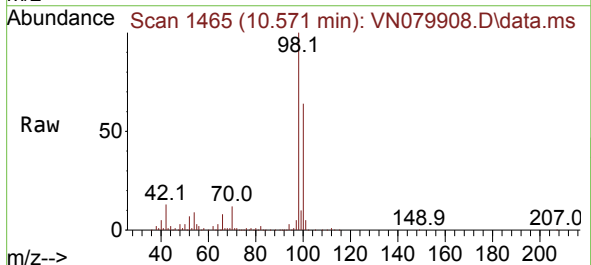


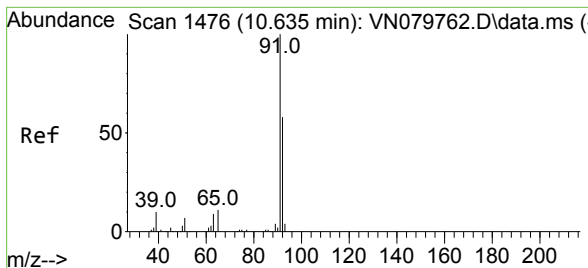
Tgt Ion: 41 Resp: 26211
Ion Ratio Lower Upper
41 100
69 44.3 90.4 135.6#
39 63.1 54.6 81.8



#50
Toluene-d8
Concen: 52.390 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 98 Resp: 649593
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#52

Toluene

Concen: 17.208 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

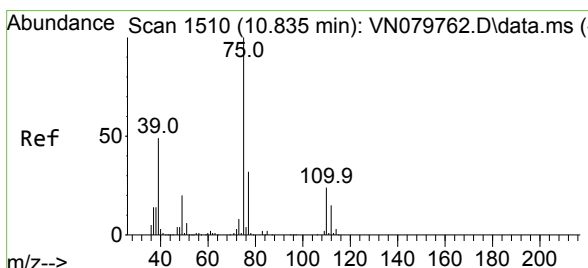
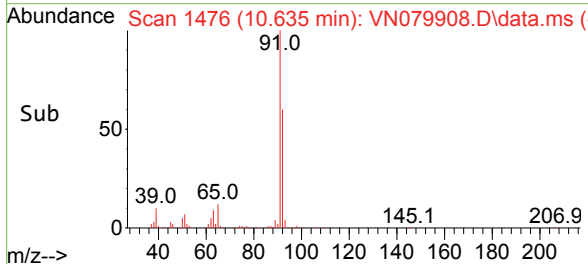
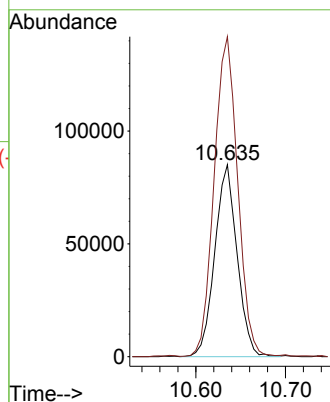
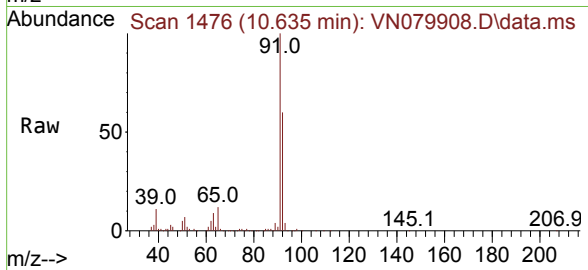
ClientSampleId :

Tgt Ion: 92 Resp: 146941

Ion Ratio Lower Upper

92 100

91 175.5 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.460 ug/l

RT: 10.641 min Scan# 1477

Delta R.T. -0.200 min

Lab File: VN079908.D

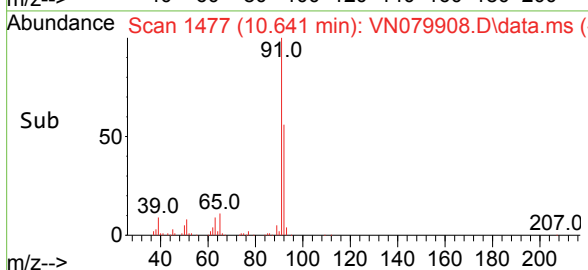
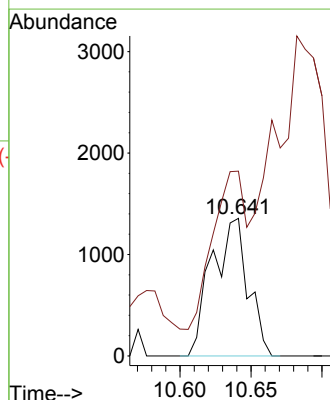
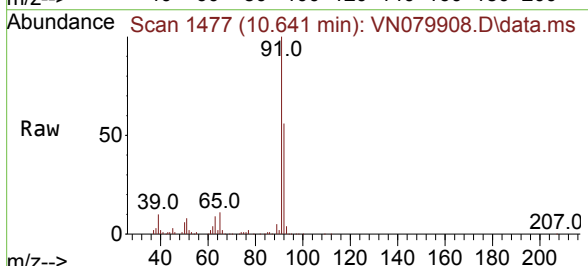
Acq: 04 Nov 2023 21:15

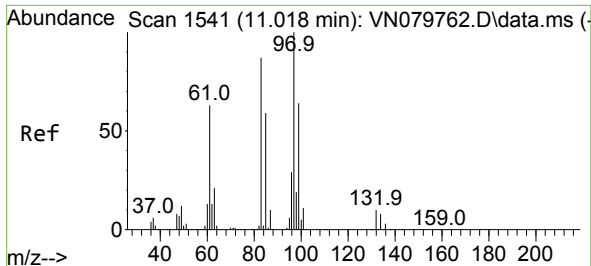
Tgt Ion: 75 Resp: 2418

Ion Ratio Lower Upper

75 100

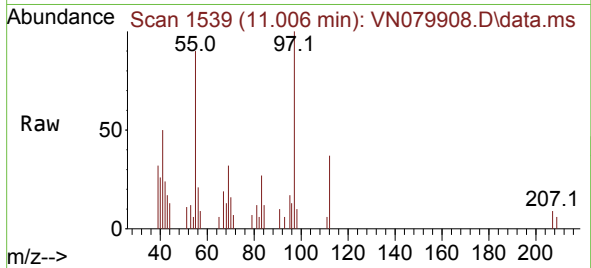
77 114.8 25.4 38.0#



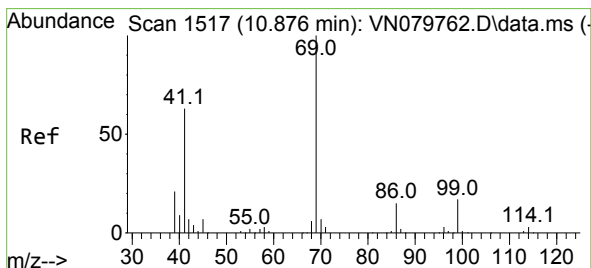
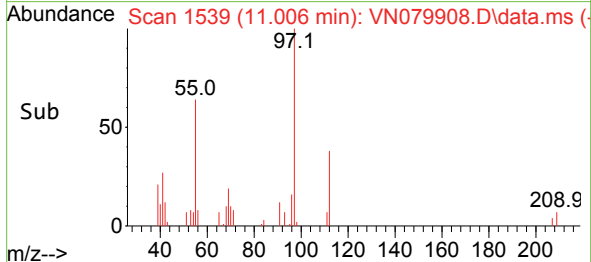
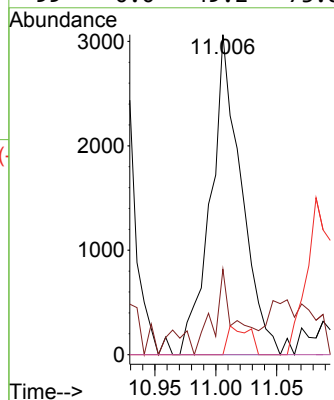


#55
1,1,2-Trichloroethane
Concen: 1.554 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Instrument :
MSVOA_N
ClientSampleId :

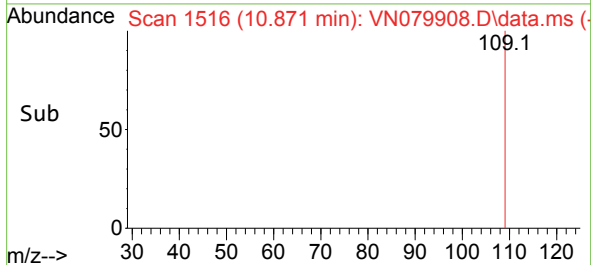
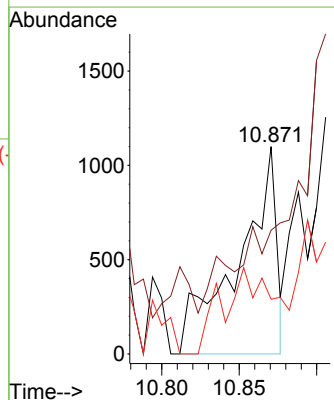
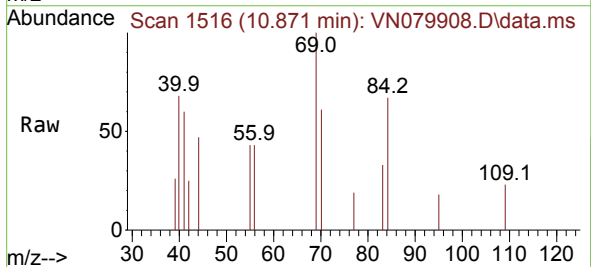


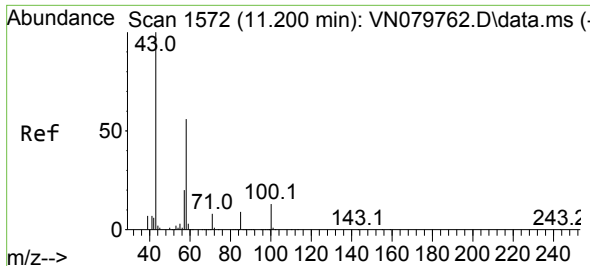
Tgt Ion	Ratio	Lower	Upper
97	100		
83	21.5	65.1	97.7#
85	0.0	43.4	65.2#
99	0.0	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.382 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#

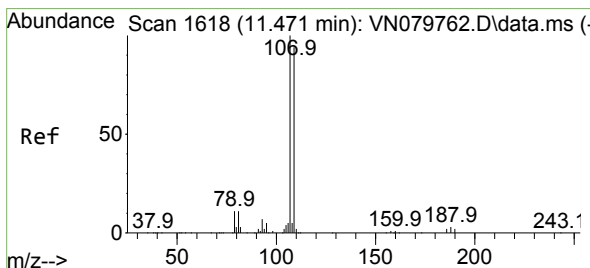
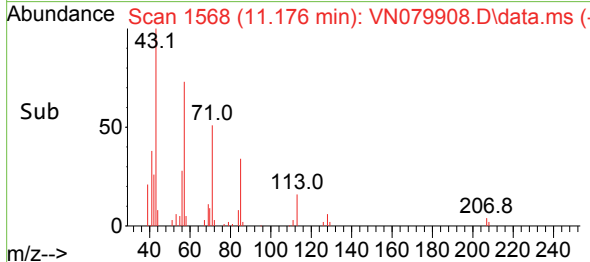
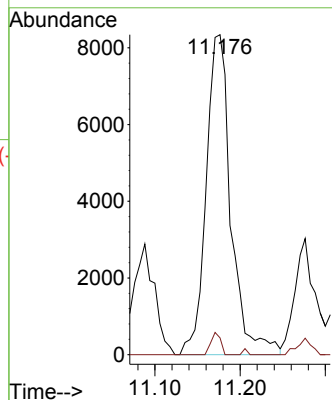
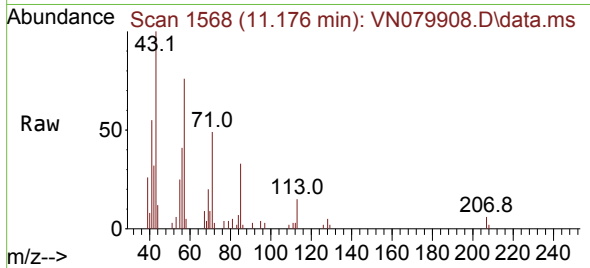




#59
2-Hexanone
Concen: 5.065 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

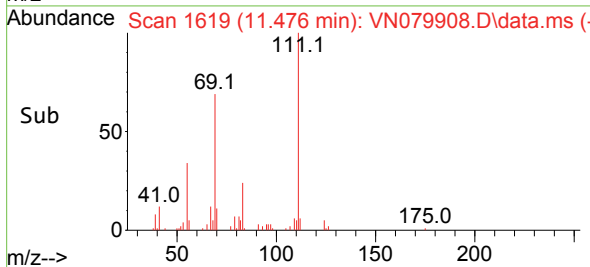
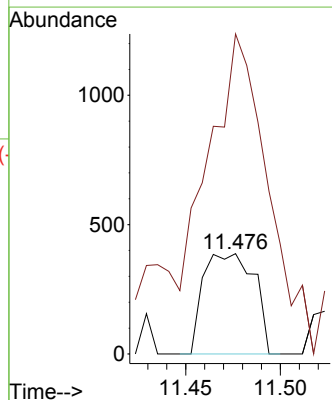
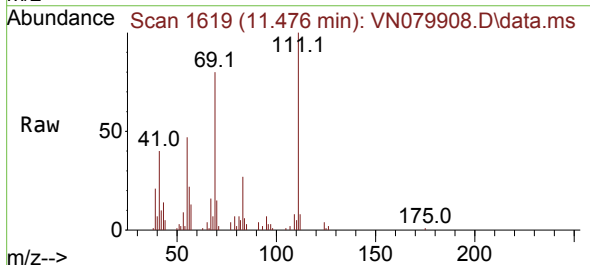
Instrument :
MSVOA_N
ClientSampleId :

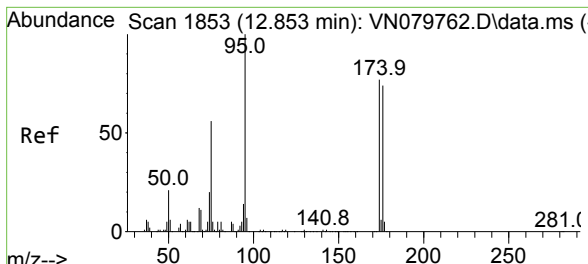
Tgt Ion: 43 Resp: 16874
Ion Ratio Lower Upper
43 100
58 2.7 31.7 95.1#



#61
1,2-Dibromoethane
Concen: 0.210 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 107 Resp: 724
Ion Ratio Lower Upper
107 100
109 448.3 76.6 114.8#

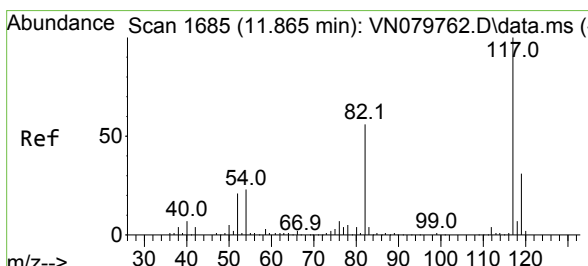
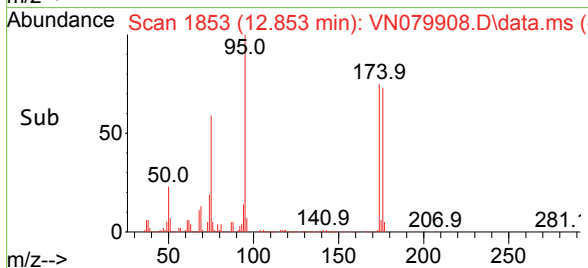
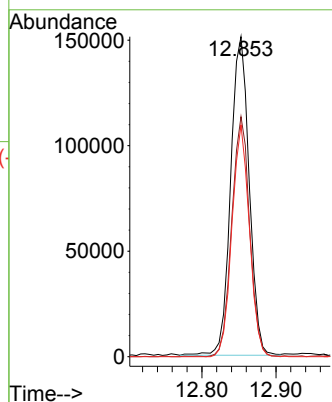
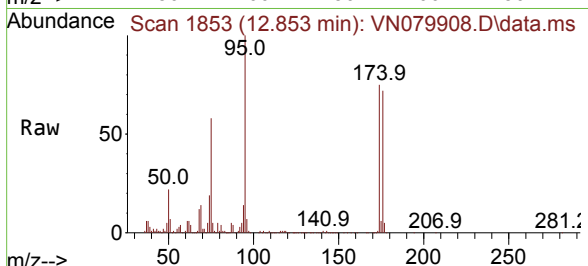




#62
4-Bromofluorobenzene
Concen: 63.625 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

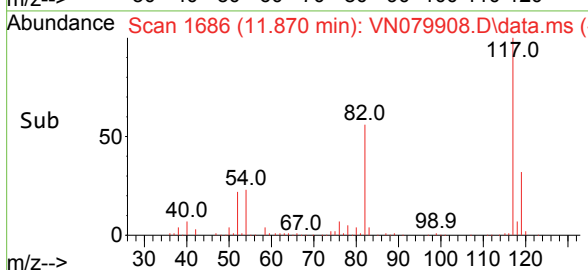
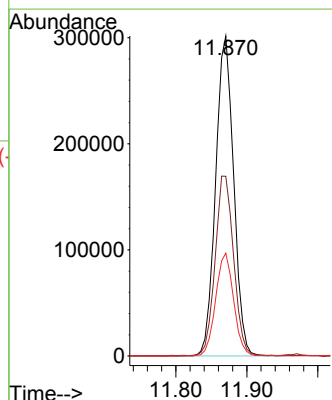
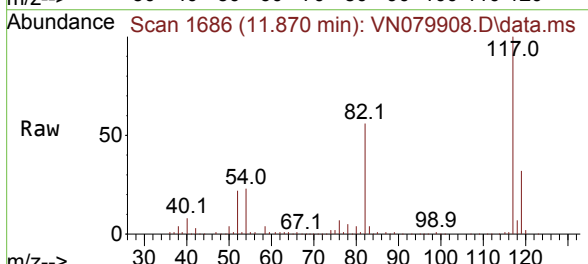
Instrument :
MSVOA_N
ClientSampleId :

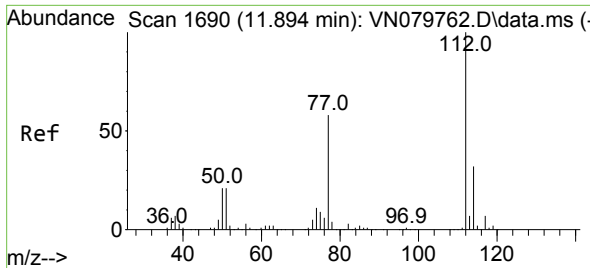
Tgt Ion:	95	Resp:	261641
Ion Ratio	Lower	Upper	
95	100		
174	73.0	0.0	143.8
176	68.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion:	117	Resp:	529736
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.0	66.0
119	32.1	25.6	38.4

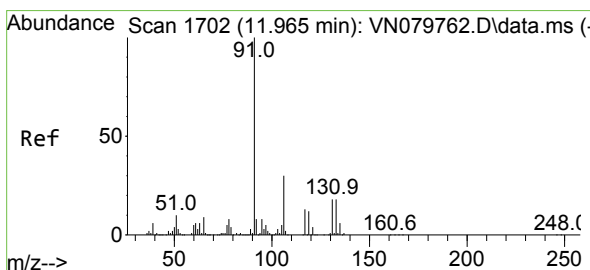
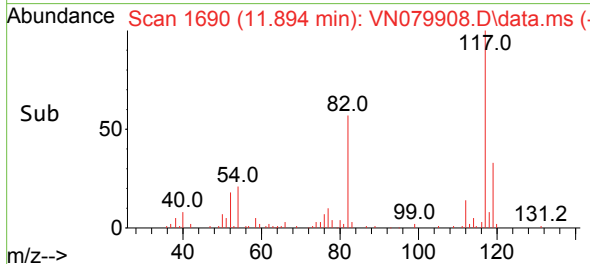
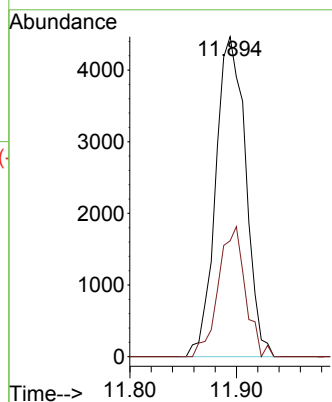
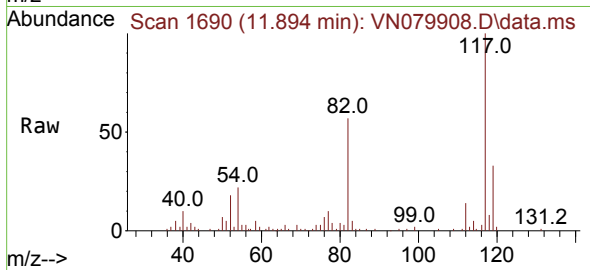




#65
Chlorobenzene
Concen: 0.758 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

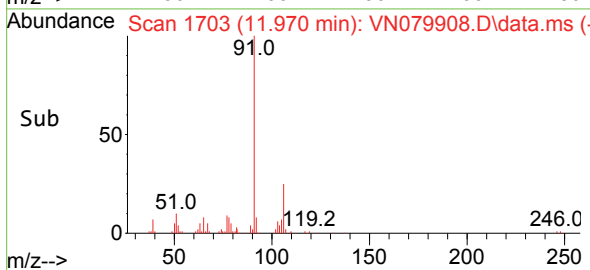
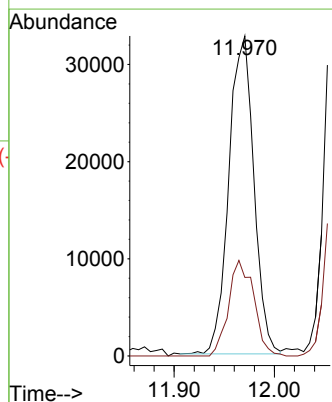
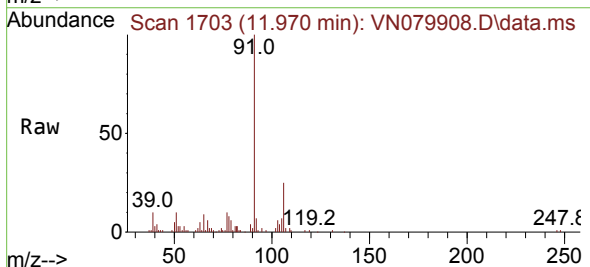
Instrument :
MSVOA_N
ClientSampleId :

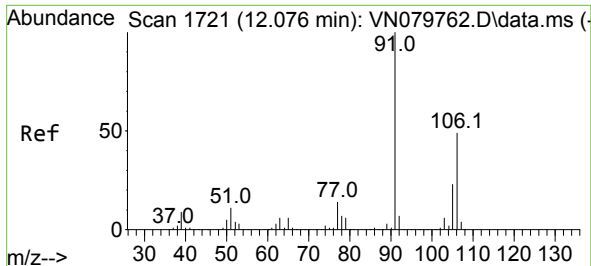
Tgt Ion:112 Resp: 8705
Ion Ratio Lower Upper
112 100
114 36.2 25.0 37.4



#67
Ethyl Benzene
Concen: 2.839 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 91 Resp: 56833
Ion Ratio Lower Upper
91 100
106 24.7 25.6 38.4#

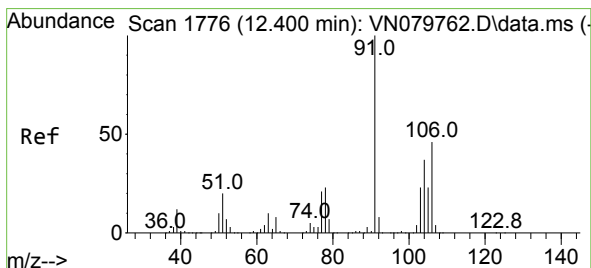
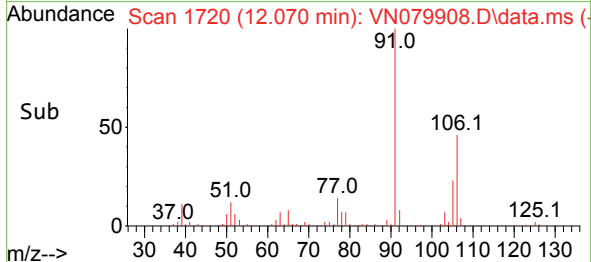
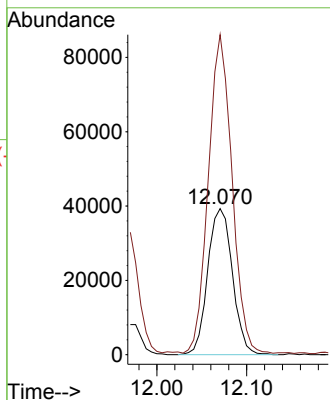
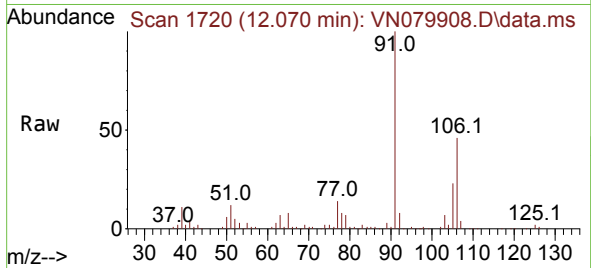




#68
m/p-Xylenes
Concen: 10.079 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

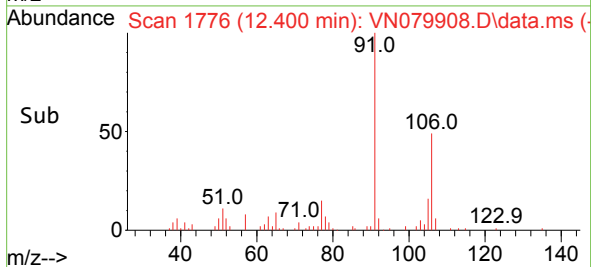
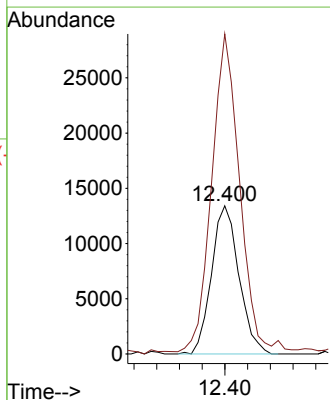
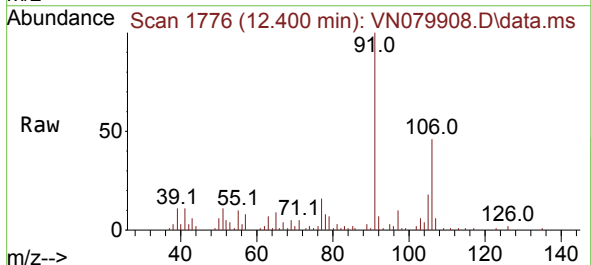
Instrument :
MSVOA_N
ClientSampleId :

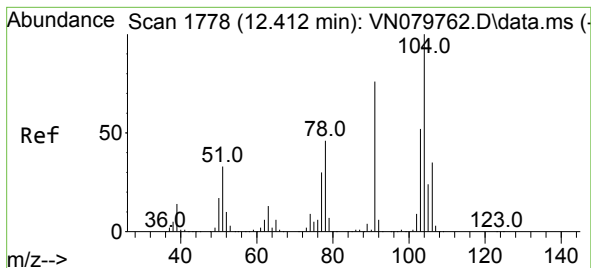
Tgt Ion:106 Resp: 75168
Ion Ratio Lower Upper
106 100
91 208.4 159.6 239.4



#69
o-Xylene
Concen: 3.132 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion:106 Resp: 22489
Ion Ratio Lower Upper
106 100
91 217.0 105.2 315.5





#70

Styrene

Concen: 0.310 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :

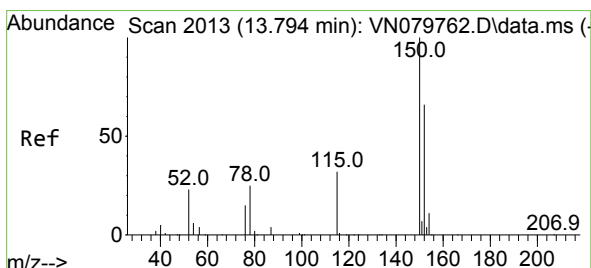
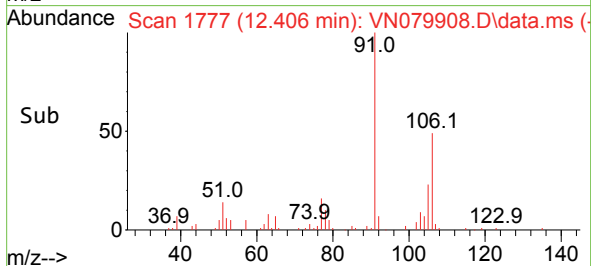
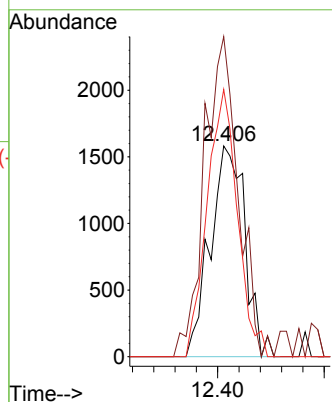
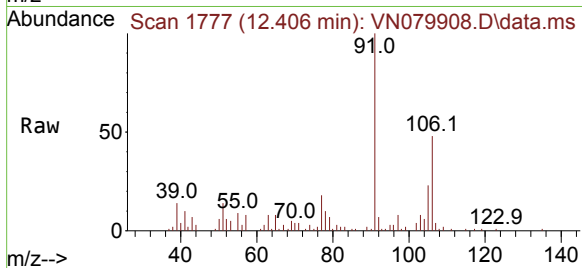
Tgt Ion:104 Resp: 3574

Ion Ratio Lower Upper

104 100

78 146.3 39.5 59.3#

103 111.2 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: VN079908.D

Acq: 04 Nov 2023 21:15

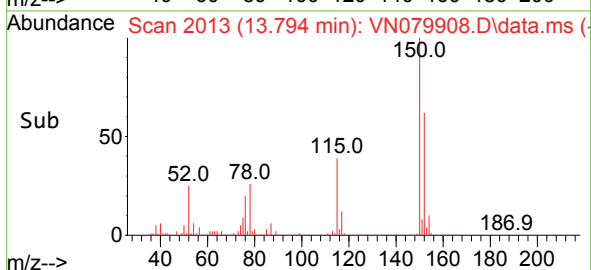
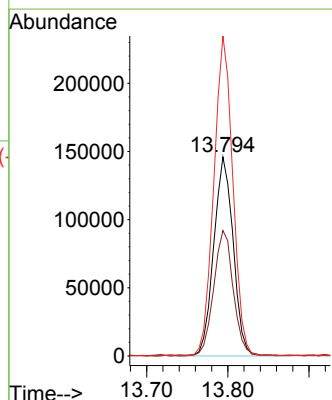
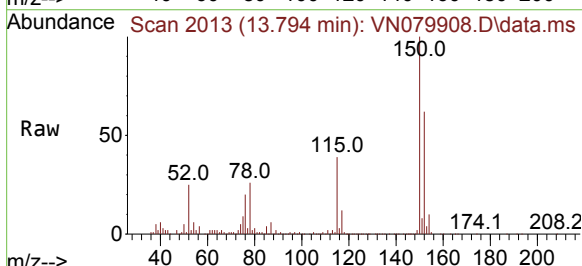
Tgt Ion:152 Resp: 243160

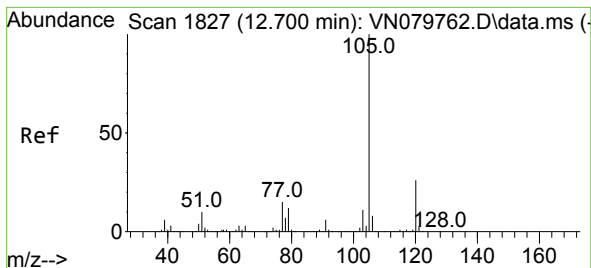
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 157.2 0.0 355.8





#73

Isopropylbenzene

Concen: 1.739 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

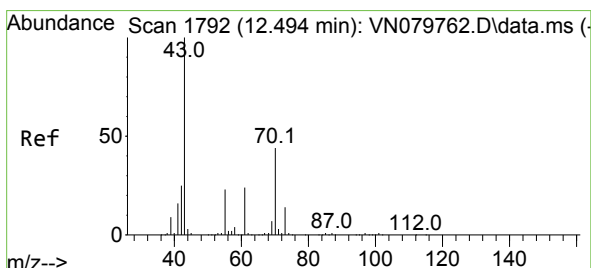
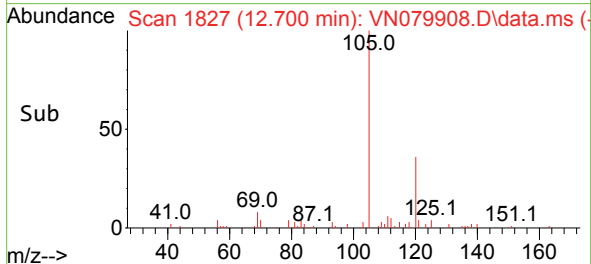
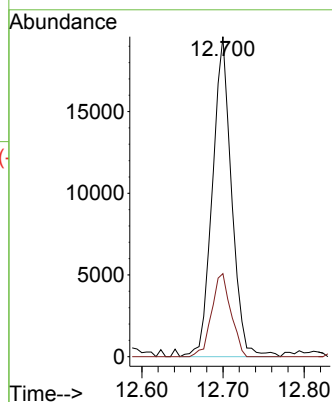
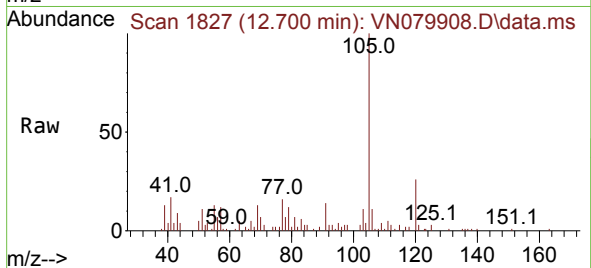
ClientSampleId :

Tgt Ion:105 Resp: 32093

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 2.245 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.012 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Tgt Ion: 43 Resp: 18081

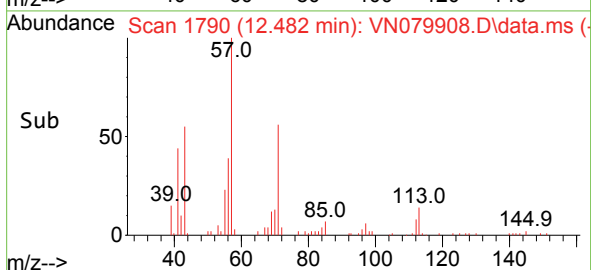
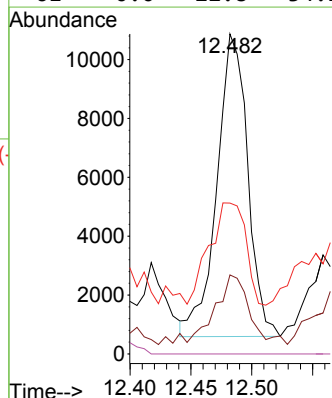
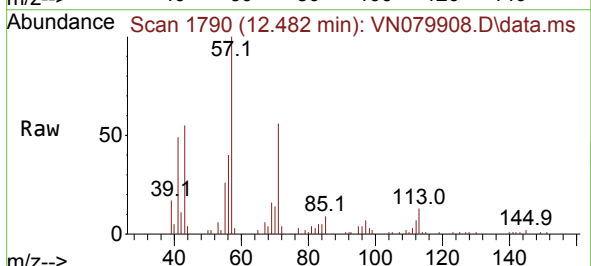
Ion Ratio Lower Upper

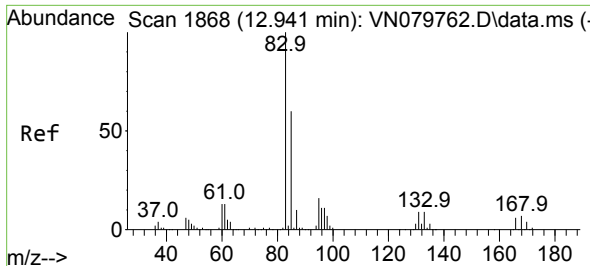
43 100

70 26.7 43.4 65.2#

55 41.6 21.4 32.0#

61 0.0 22.8 34.2#

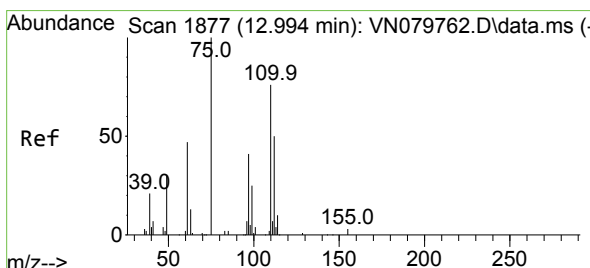
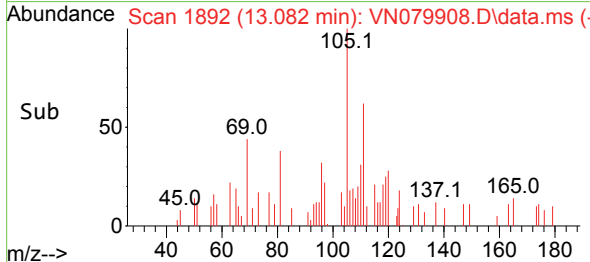
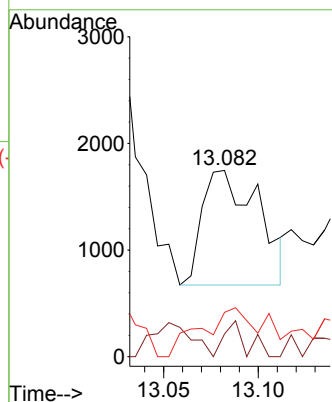
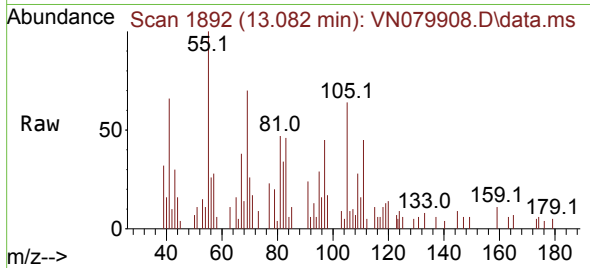




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.336 ug/l
 RT: 13.082 min Scan# 1892
 Delta R.T. 0.141 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

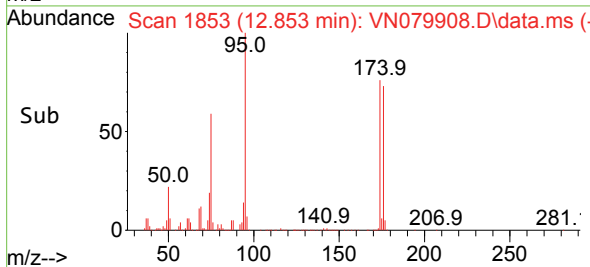
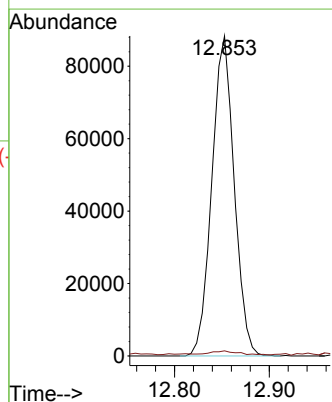
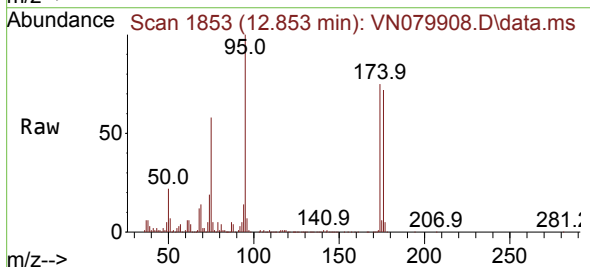
Instrument :
 MSVOA_N
 ClientSampleId :

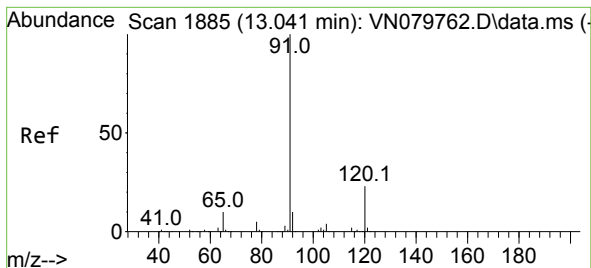
Tgt Ion: 83 Resp: 2200
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.0 15.0
 85 38.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 25.379 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

Tgt Ion: 75 Resp: 144879
 Ion Ratio Lower Upper
 75 100
 77 1.6 84.5 253.5#





#78

n-propylbenzene

Concen: 4.175 ug/l

RT: 13.041 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

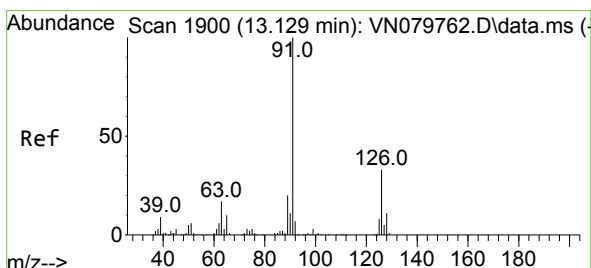
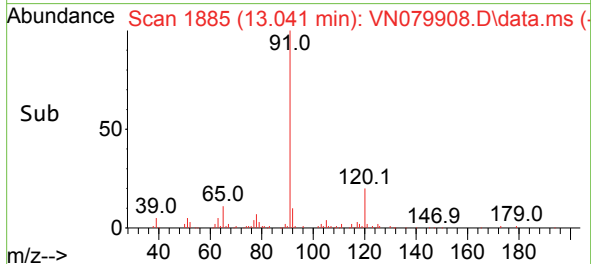
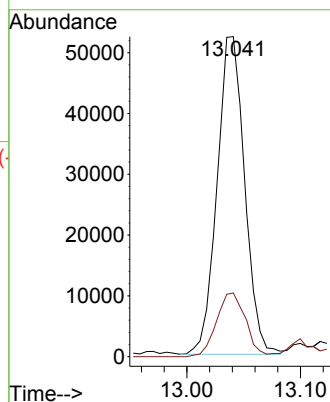
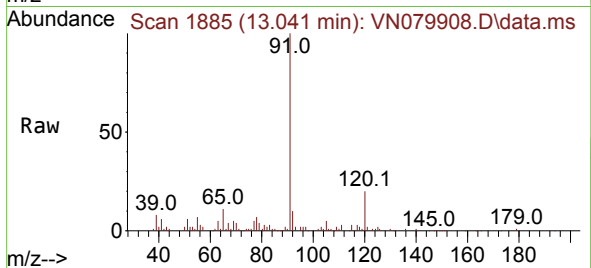
ClientSampleId :

Tgt Ion: 91 Resp: 88229

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.291 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079908.D

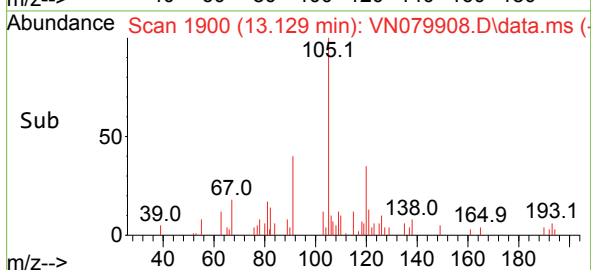
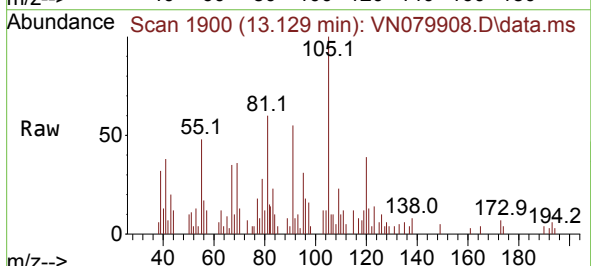
Acq: 04 Nov 2023 21:15

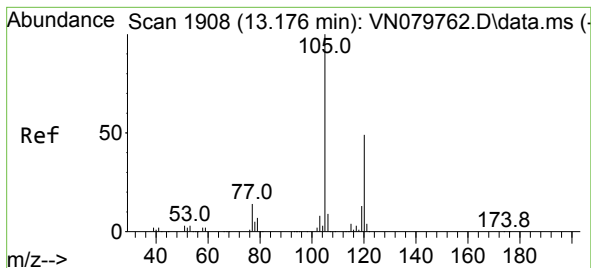
Tgt Ion: 91 Resp: 3929

Ion Ratio Lower Upper

91 100

126 15.6 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.447 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

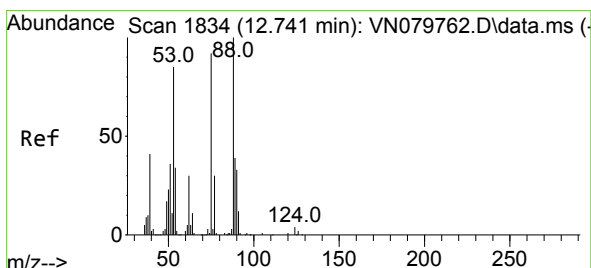
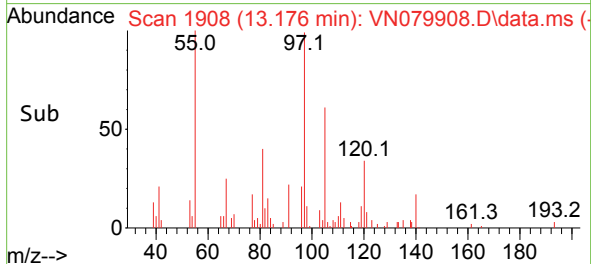
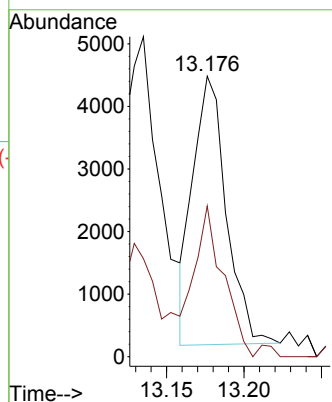
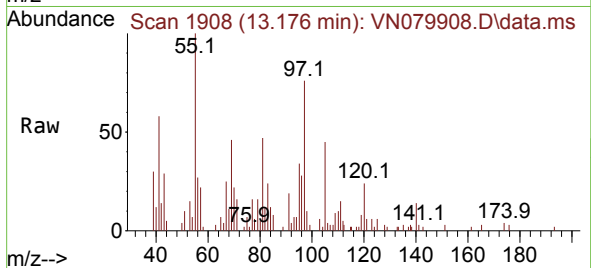
ClientSampleId :

Tgt Ion:105 Resp: 6415

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.050 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

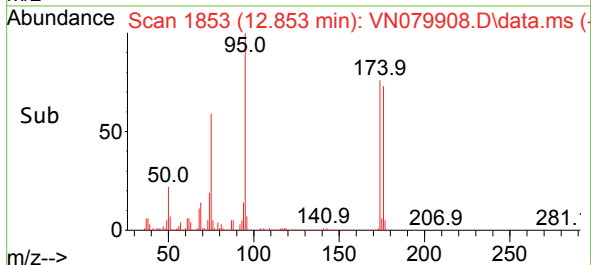
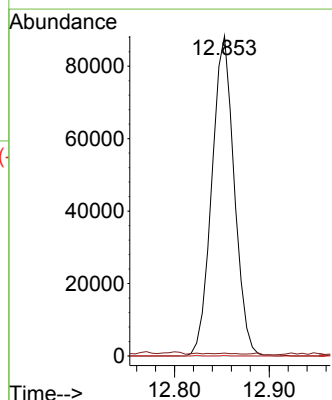
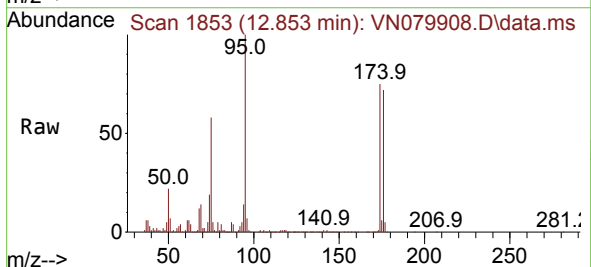
Tgt Ion: 75 Resp: 144879

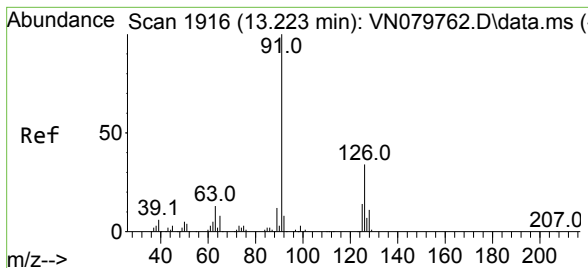
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

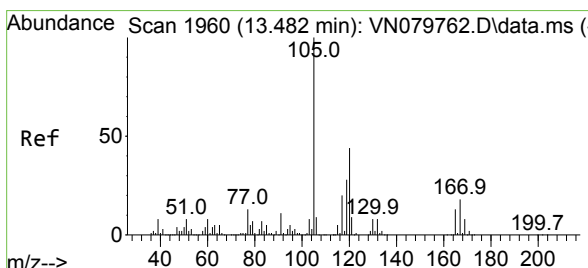
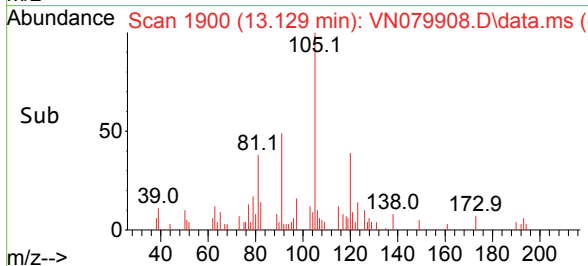
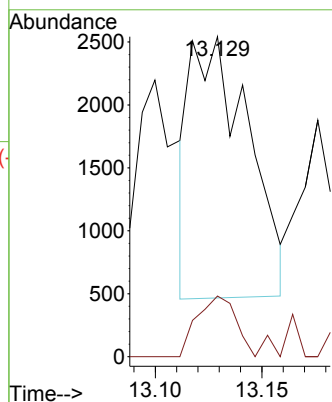
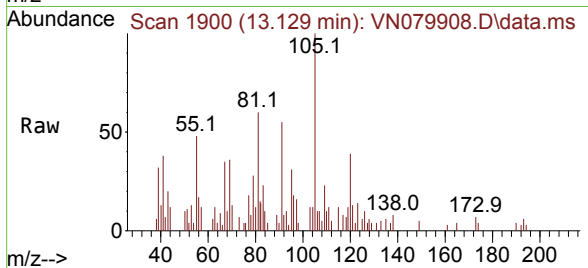




#82
4-Chlorotoluene
Concen: 0.293 ug/l
RT: 13.129 min Scan# 1916
Delta R.T. -0.094 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

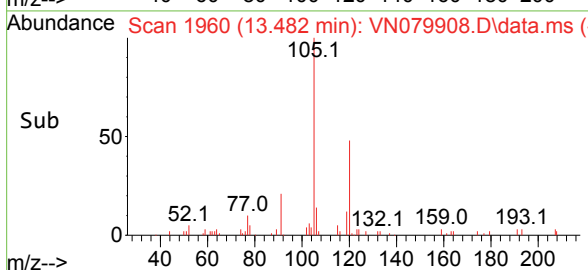
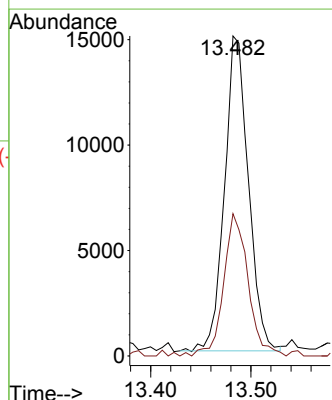
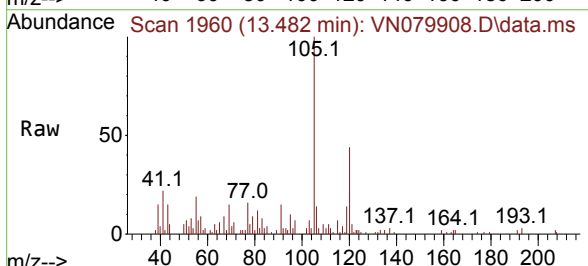
Instrument :
MSVOA_N
ClientSampleId :

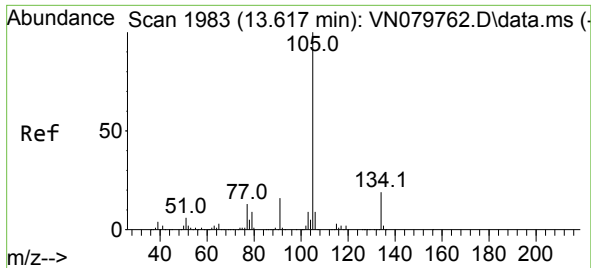
Tgt Ion: 91 Resp: 3929
Ion Ratio Lower Upper
91 100
126 15.6 16.7 50.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.751 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 105 Resp: 24741
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0

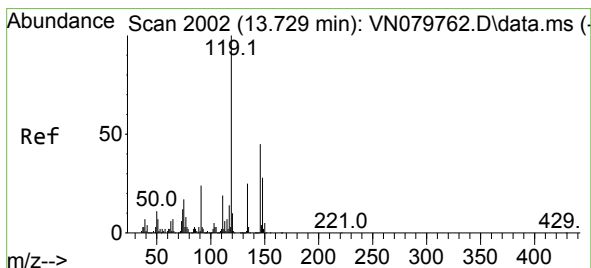
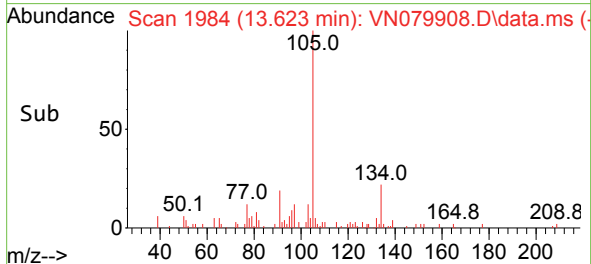
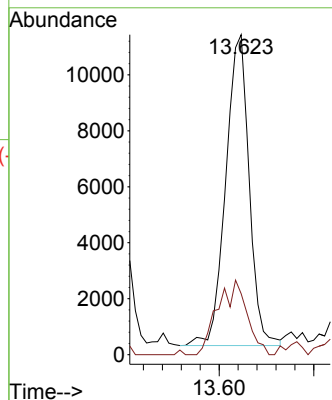
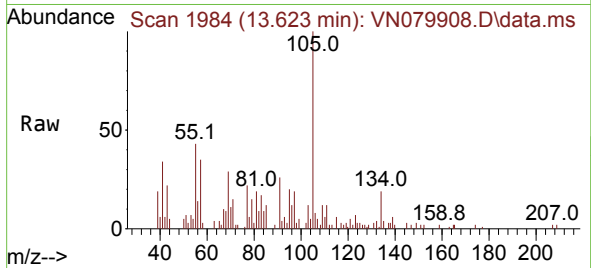




#85
 sec-Butylbenzene
 Concen: 1.171 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

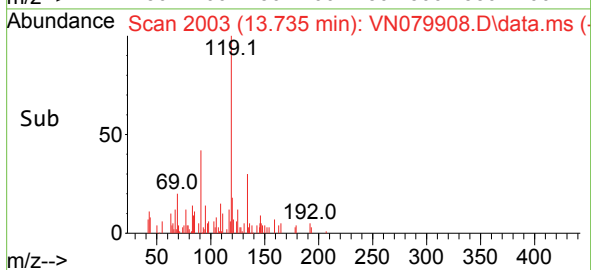
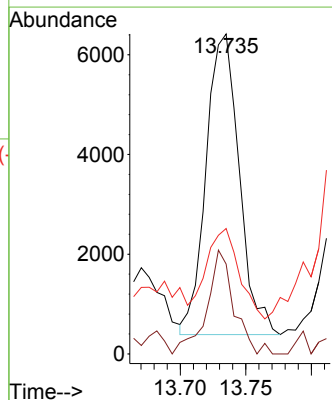
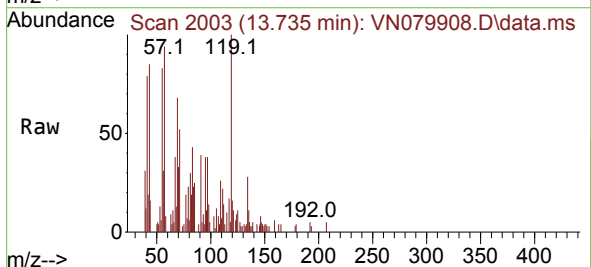
Instrument :
 MSVOA_N
 ClientSampleId :

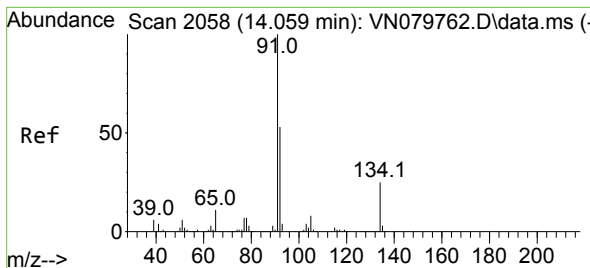
Tgt Ion:105 Resp: 19062
 Ion Ratio Lower Upper
 105 100
 134 30.1 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.799 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079908.D
 Acq: 04 Nov 2023 21:15

Tgt Ion:119 Resp: 10610
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.6 37.8
 91 29.7 12.4 37.2





#89

n-Butylbenzene

Concen: 2.051 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :

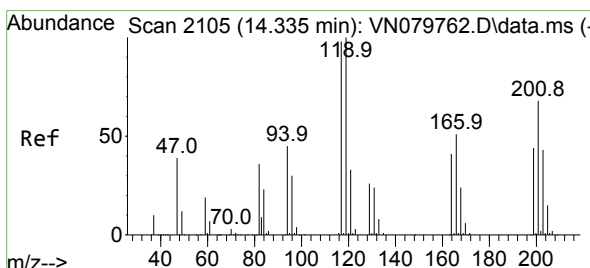
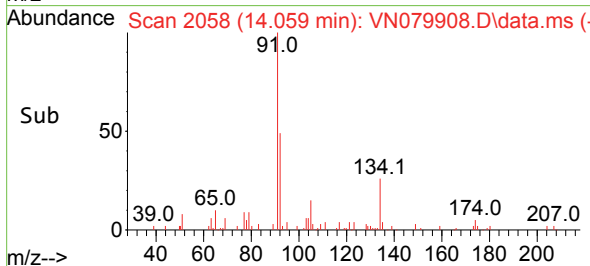
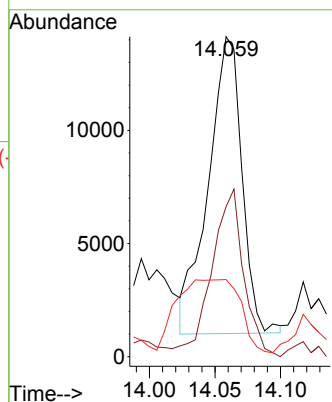
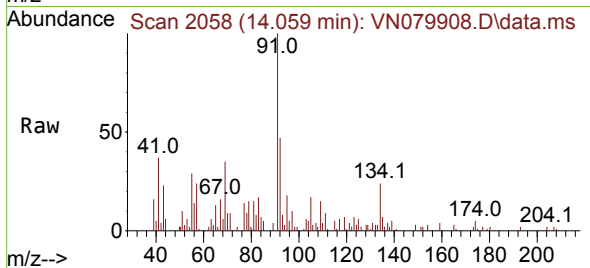
Tgt Ion: 91 Resp: 23447

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 46.8 12.6 37.6#



#90

Hexachloroethane

Concen: 4.208 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079908.D

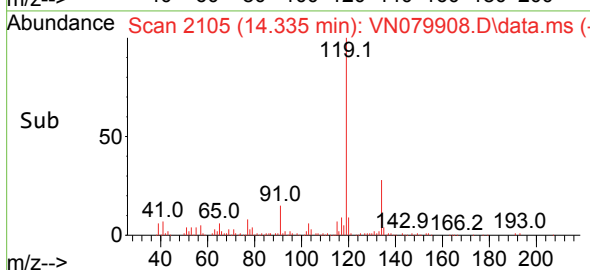
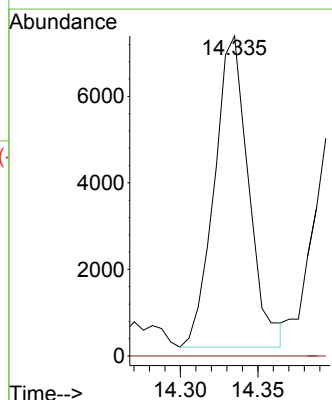
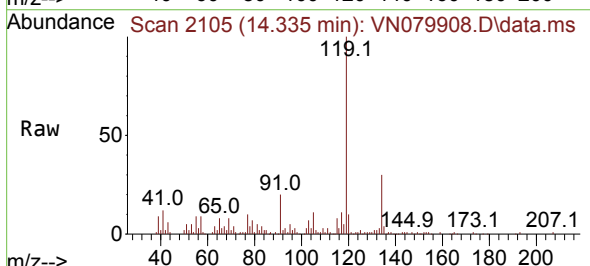
Acq: 04 Nov 2023 21:15

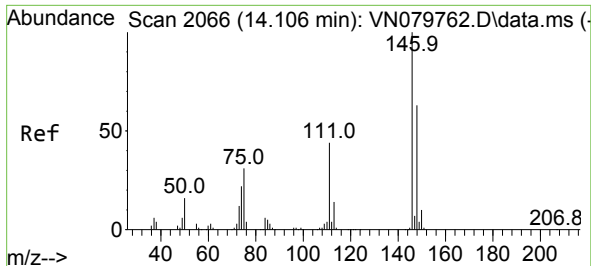
Tgt Ion: 117 Resp: 11064

Ion Ratio Lower Upper

117 100

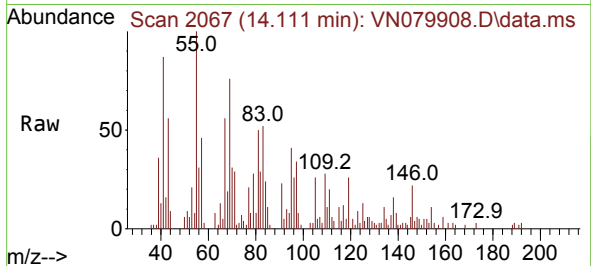
201 0.0 29.3 88.0#



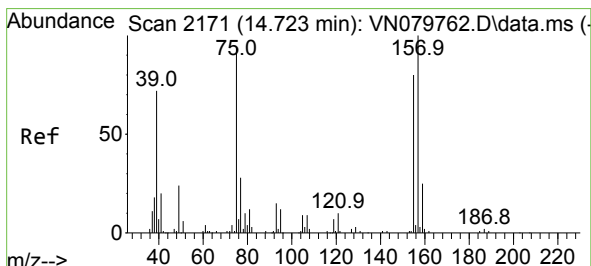
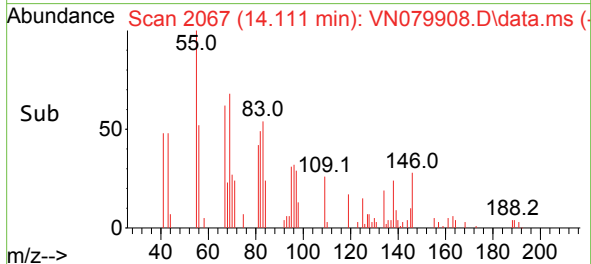
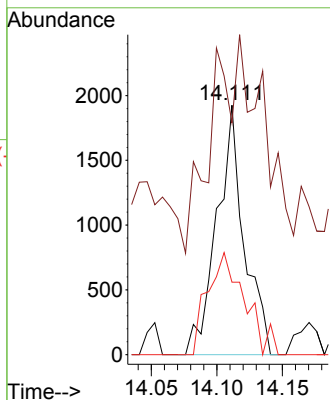


#91
1,2-Dichlorobenzene
Concen: 0.351 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Instrument :
MSVOA_N
ClientSampleId :

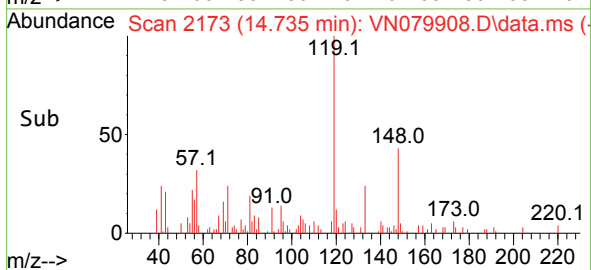
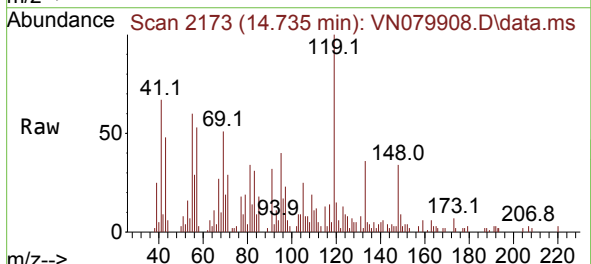
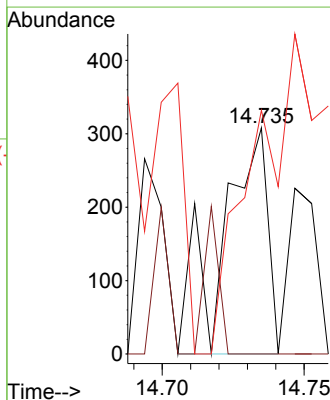


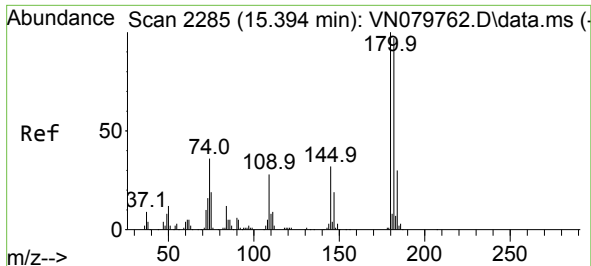
Tgt Ion:146 Resp: 2782
Ion Ratio Lower Upper
146 100
111 73.2 22.0 66.0#
148 56.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.309 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN079908.D
Acq: 04 Nov 2023 21:15

Tgt Ion: 75 Resp: 343
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 238.2 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.374 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Instrument :

MSVOA_N

ClientSampleId :

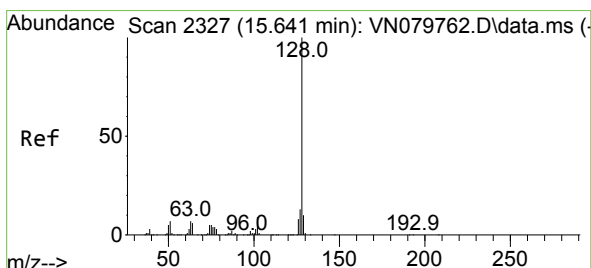
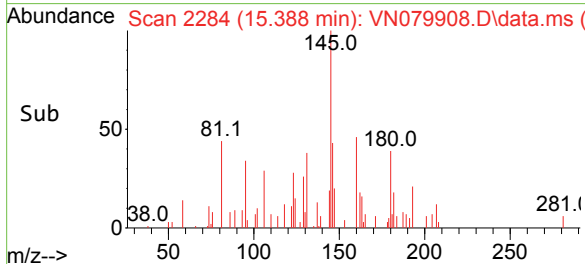
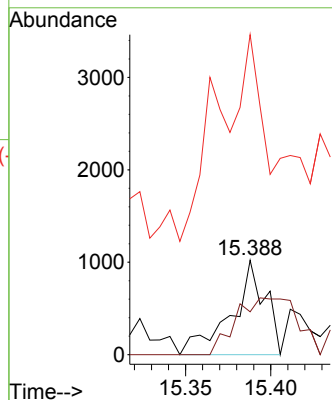
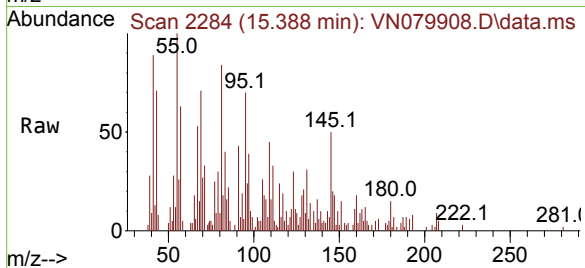
Tgt Ion:180 Resp: 1411

Ion Ratio Lower Upper

180 100

182 109.3 46.1 138.2

145 69.5 16.6 49.8#



#95

Naphthalene

Concen: 8.845 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079908.D

Acq: 04 Nov 2023 21:15

Tgt Ion:128 Resp: 113169

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 10.8 8.7 13.1

