

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076345.D
 Acq On : 20 Jan 2023 14:01
 Operator : JC\MD
 Sample : 01248-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

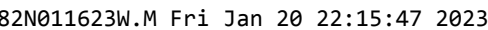
Quant Time: Jan 20 22:15:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

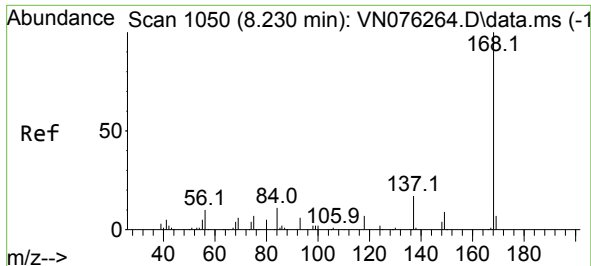
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	407670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	640480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	551969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	216261	47.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.760%		
35) Dibromofluoromethane	8.177	113	190702	47.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.200%		
50) Toluene-d8	10.570	98	735478	49.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.853	95	222049	45.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.940%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	504	0.271	ug/l #	41
20) Methylene Chloride	5.283	84	394	Below Cal	#	57
31) Cyclohexane	8.229	56	7505	1.070	ug/l #	14
36) 1,1-Dichloropropene	8.229	75	28655	5.033	ug/l #	49
38) Carbon Tetrachloride	8.229	117	39542	6.228	ug/l #	17
51) 4-Methyl-2-Pentanone	10.570	43	2514	0.576	ug/l #	1
71) Bromoform	12.847	173	1711	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	117002	29.239	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	117002	89.818	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	339	1.392	ug/l #	46
95) Naphthalene	15.647	128	1927	2.004	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.835	180	93	1.179	ug/l #	1

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

Quant Time: Jan 20 22:15:36 2023
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Response via : Initial Calibration

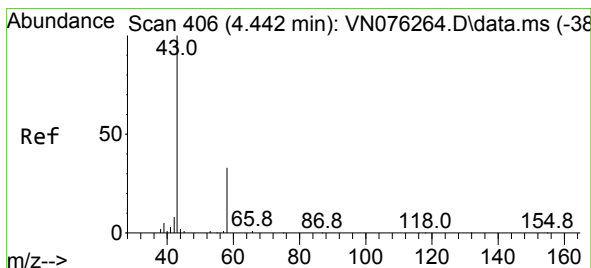
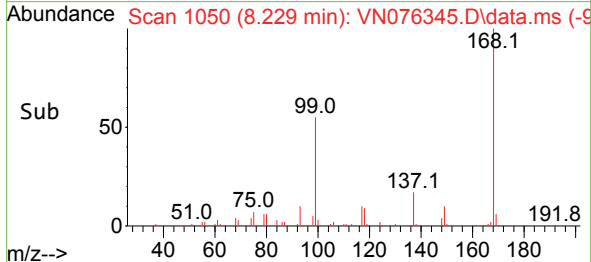
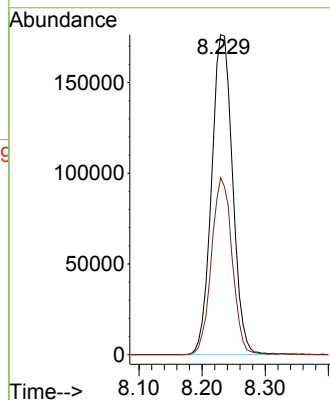
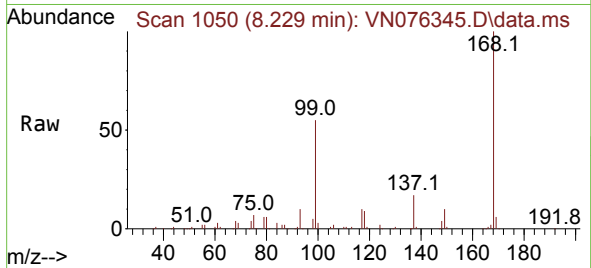




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

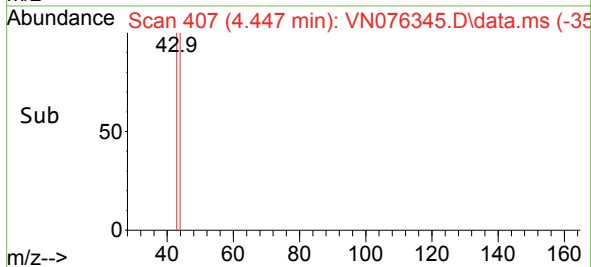
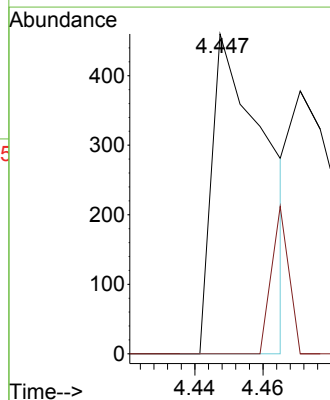
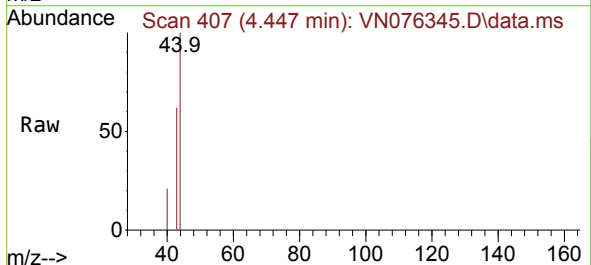
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

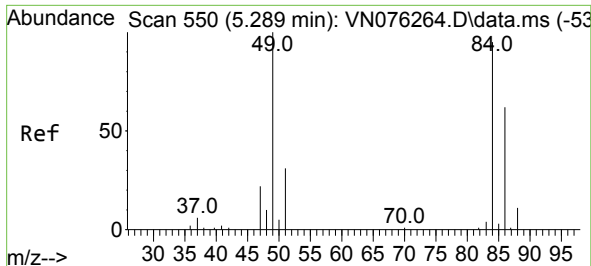
Tgt Ion:168 Resp: 407670
Ion Ratio Lower Upper
168 100
99 55.3 41.6 62.4



#16
Acetone
Concen: 0.271 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

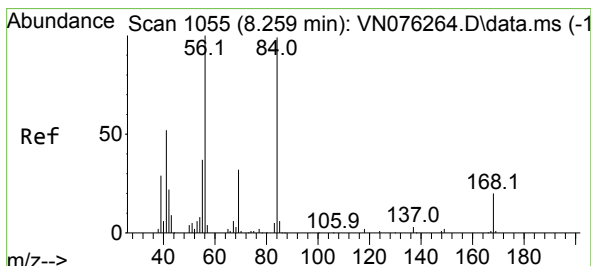
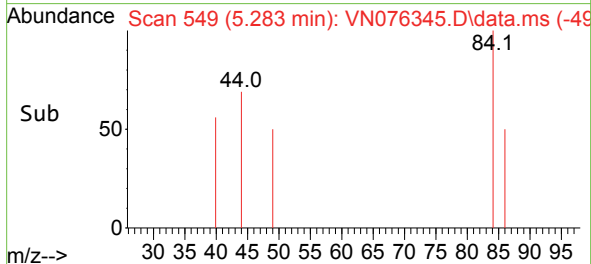
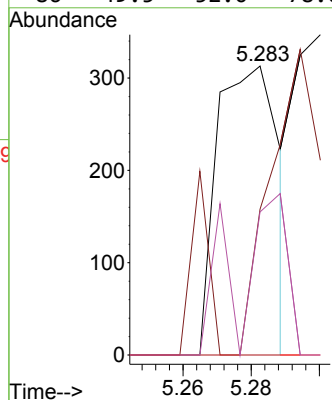
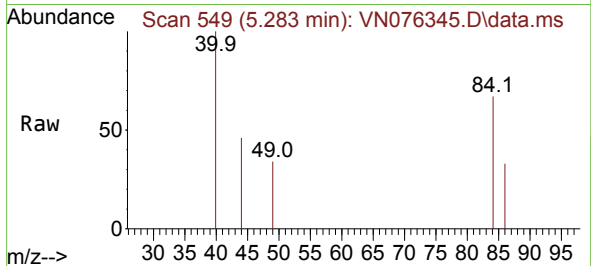




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

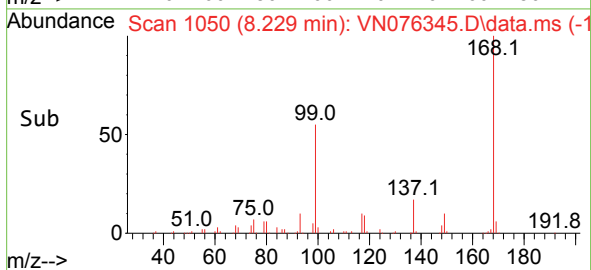
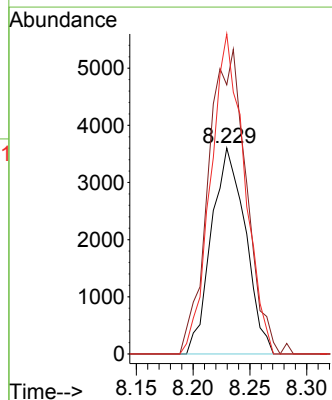
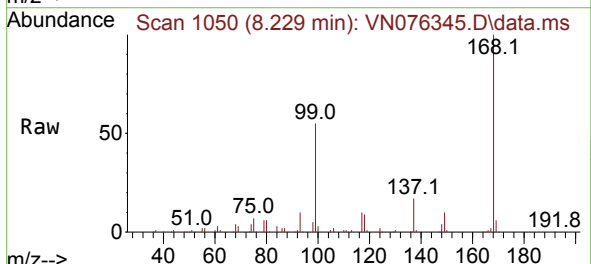
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

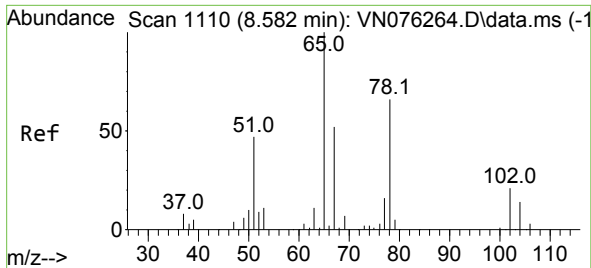
Tgt Ion:	84	Resp:	394
Ion	Ratio	Lower	Upper
84	100		
49	50.5	84.5	126.7#
51	0.0	26.0	39.0#
86	49.5	52.0	78.0#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion:	56	Resp:	7505
Ion	Ratio	Lower	Upper
56	100		
69	130.7	25.8	38.8#
84	155.4	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

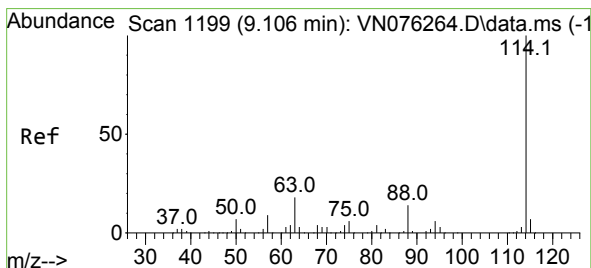
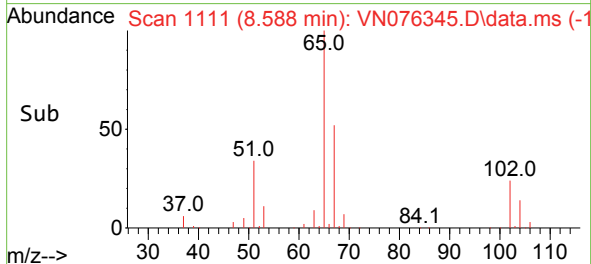
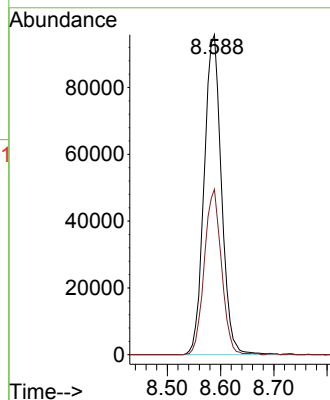
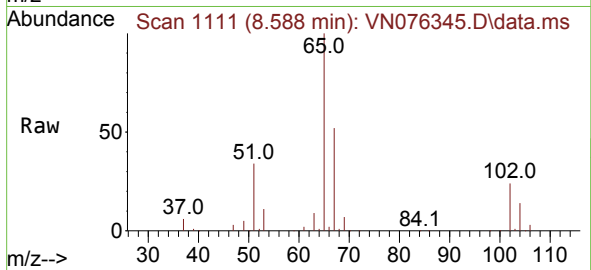
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 216261

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

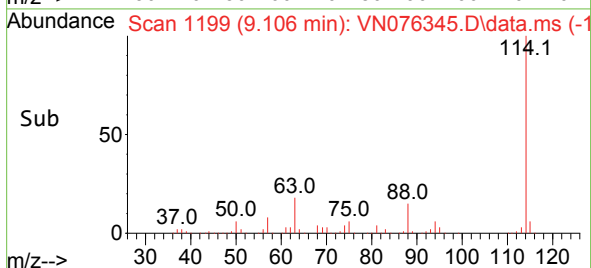
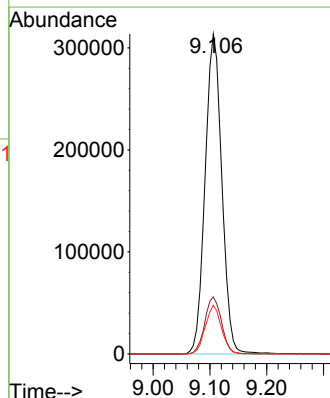
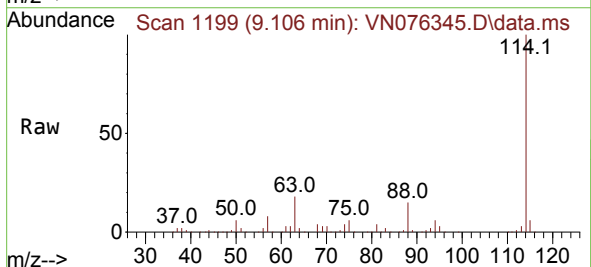
Tgt Ion: 114 Resp: 640480

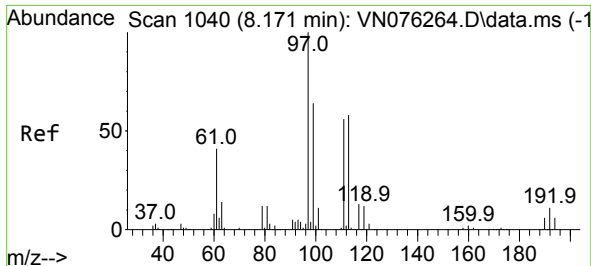
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 15.2 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

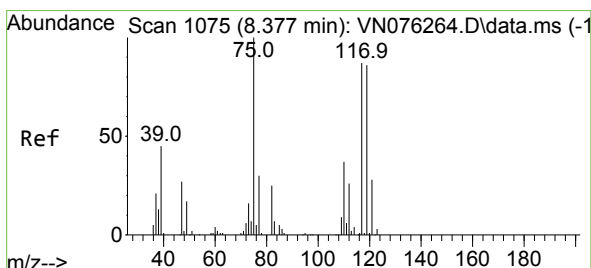
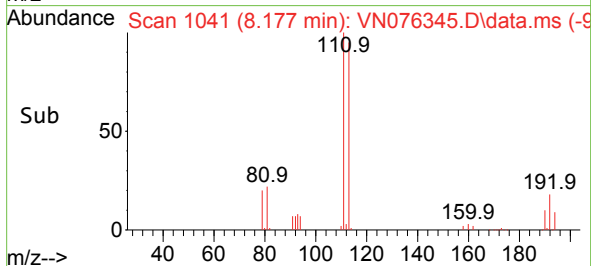
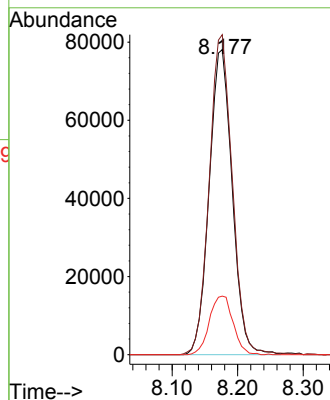
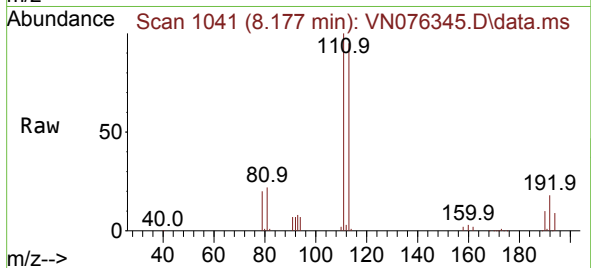
Tgt Ion:113 Resp: 190702

Ion Ratio Lower Upper

113 100

111 104.9 82.7 124.1

192 19.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

Lab File: VN076345.D

Acq: 20 Jan 2023 14:01

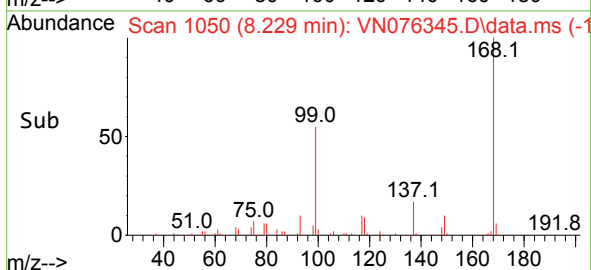
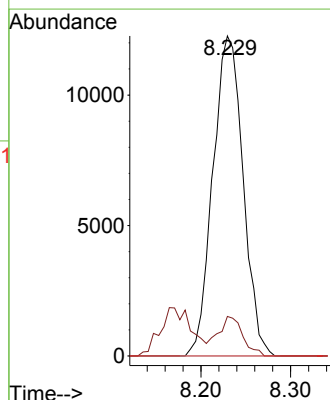
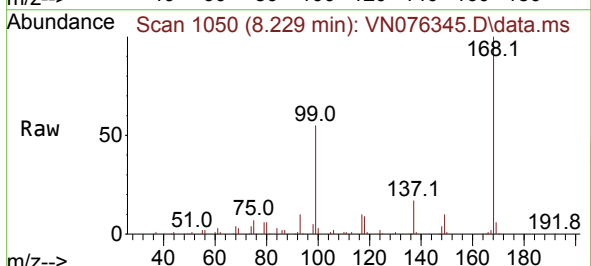
Tgt Ion: 75 Resp: 28655

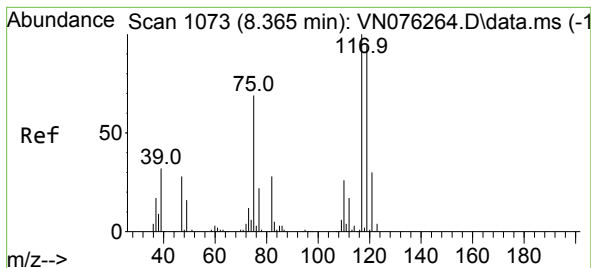
Ion Ratio Lower Upper

75 100

110 10.2 18.8 56.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.228 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.136 min

Lab File: VN076345.D

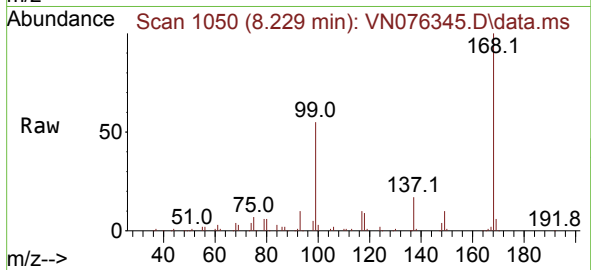
Acq: 20 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



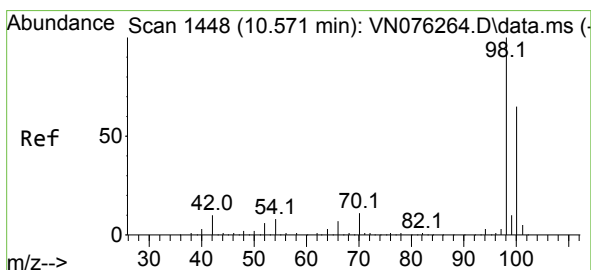
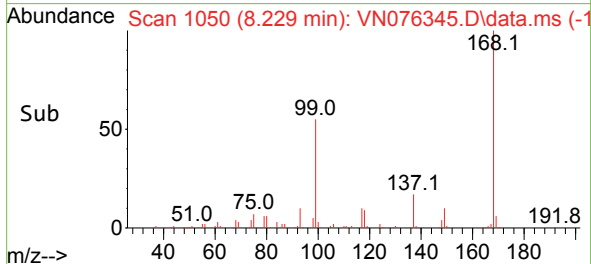
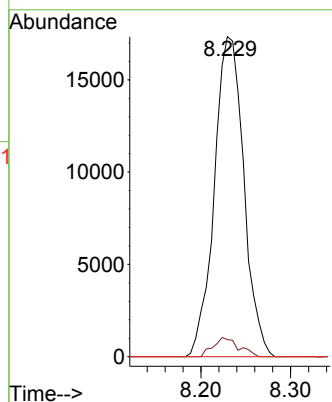
Tgt Ion:117 Resp: 39542

Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.707 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076345.D

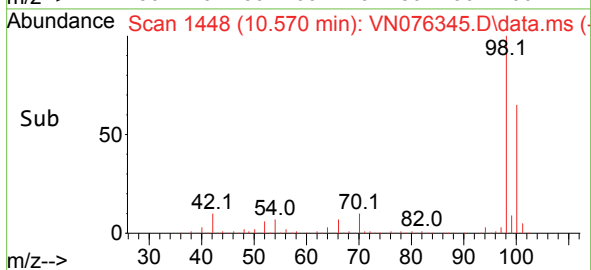
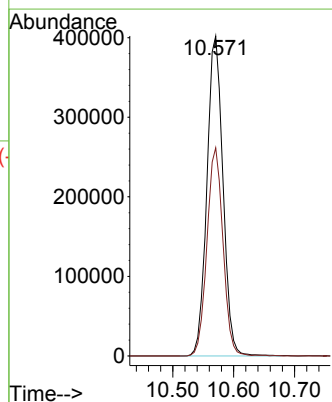
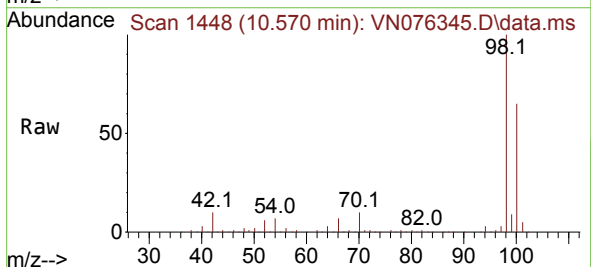
Acq: 20 Jan 2023 14:01

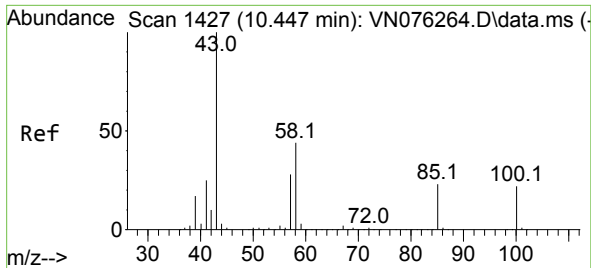
Tgt Ion: 98 Resp: 735478

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

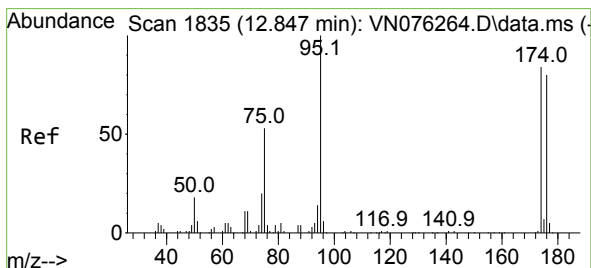
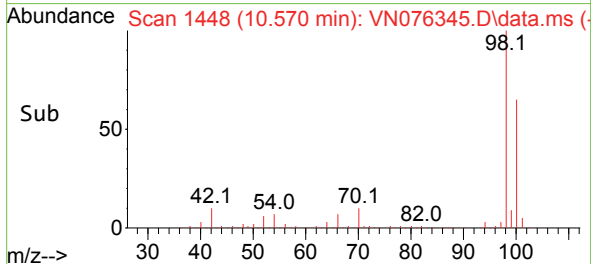
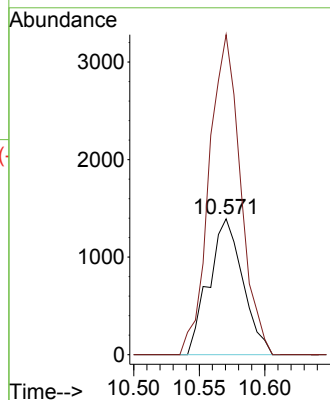
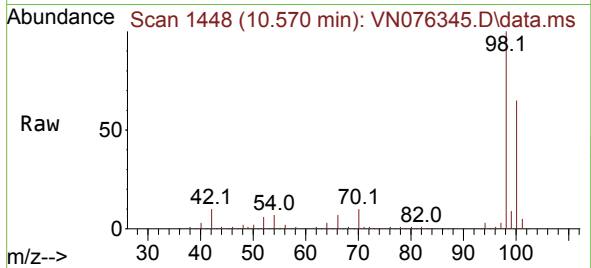




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 10.570 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

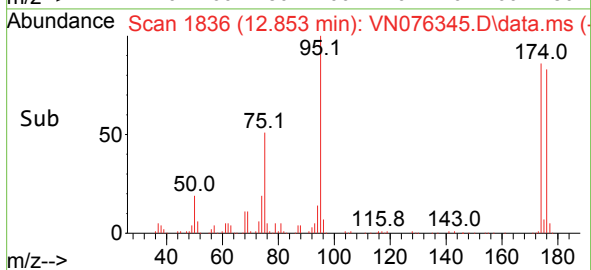
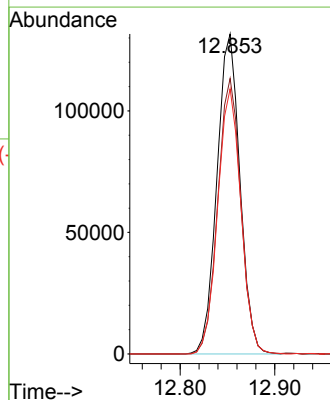
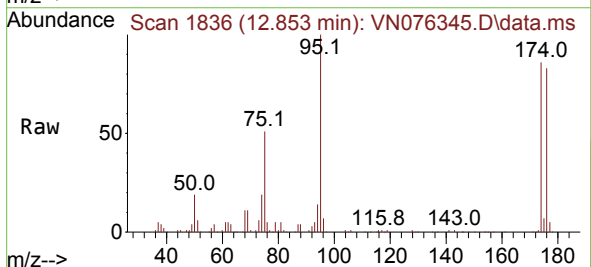
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

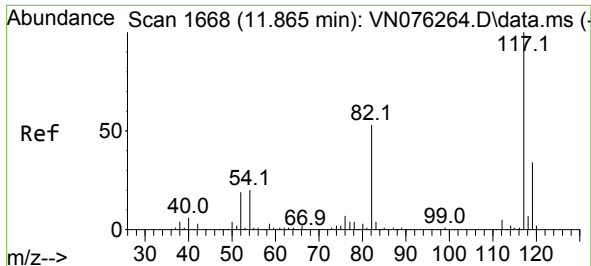
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 217.5 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 45.970 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion: 95 Resp: 222049
Ion Ratio Lower Upper
95 100
174 86.2 0.0 174.6
176 83.6 0.0 167.8

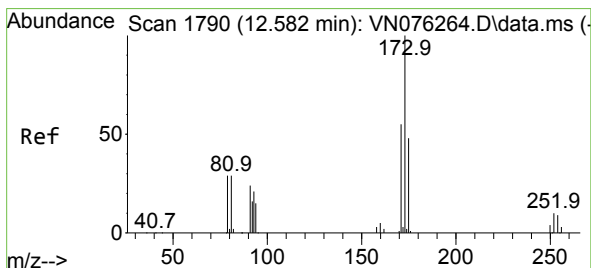
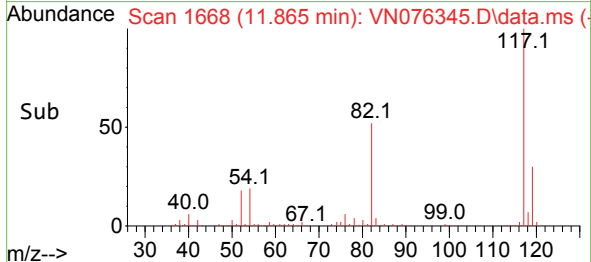
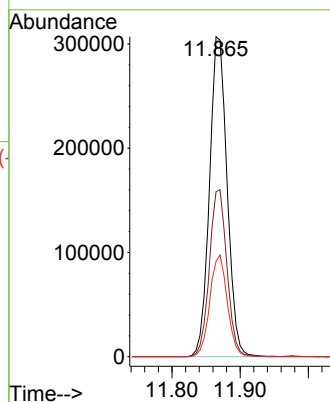
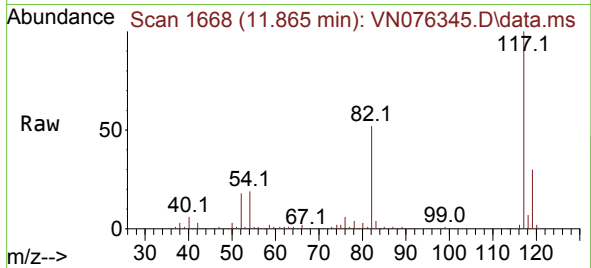




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

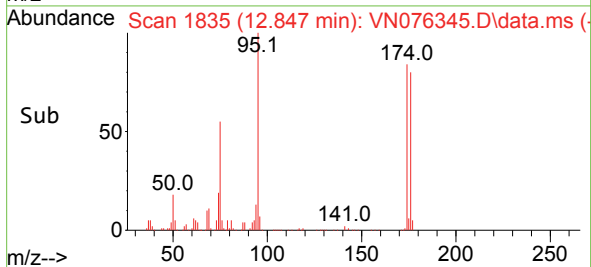
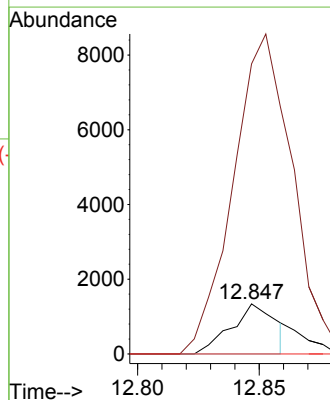
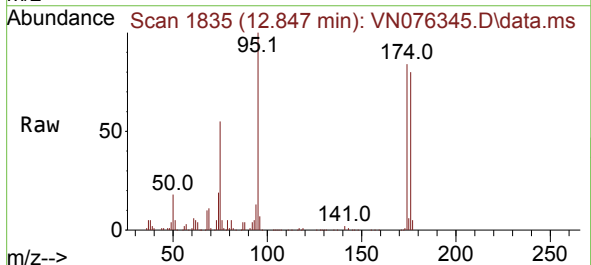
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

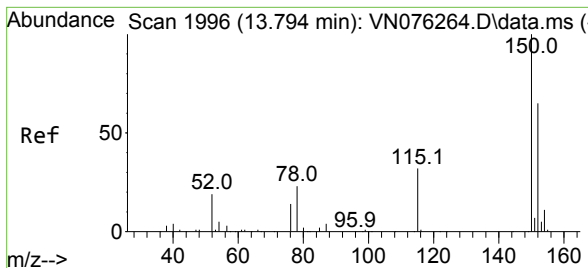
Tgt Ion:117 Resp: 551969
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.2
119 29.8 26.9 40.3



#71
Bromoform
Concen: 0.546 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion:173 Resp: 1711
Ion Ratio Lower Upper
173 100
175 680.1 24.1 72.4#
254 0.0 0.0 0.0

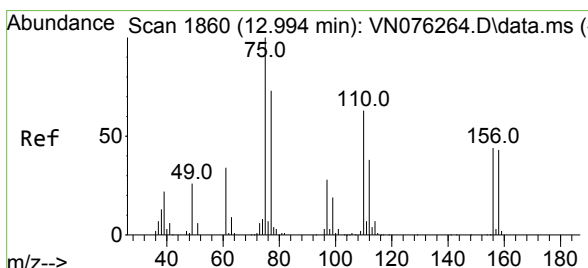
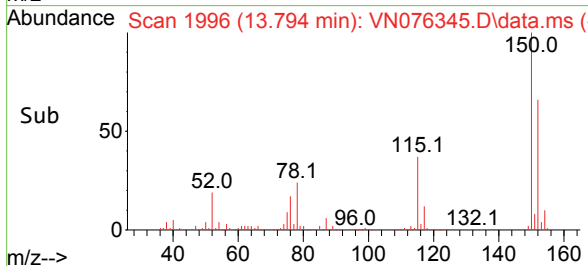
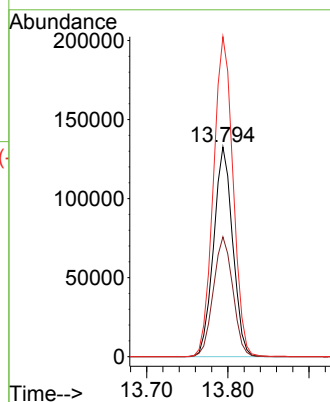
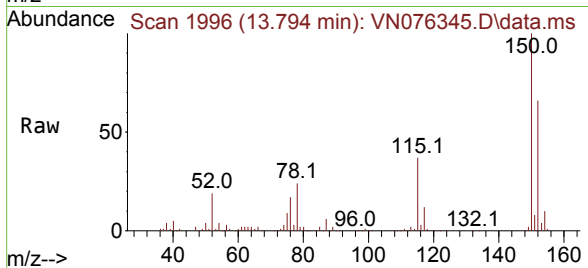




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076345.D
 Acq: 20 Jan 2023 14:01

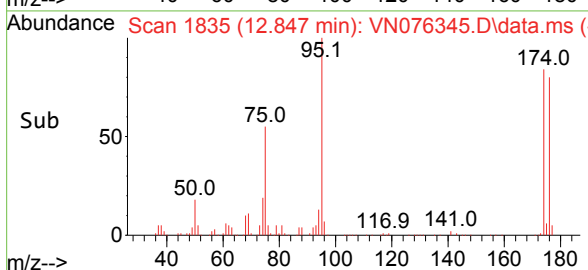
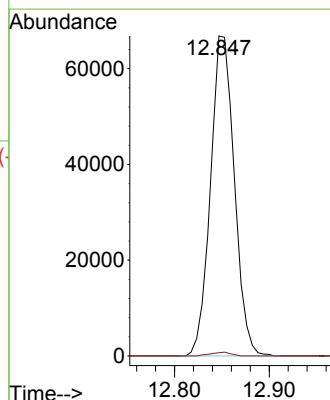
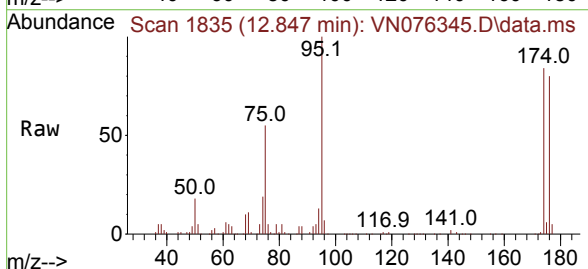
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-4

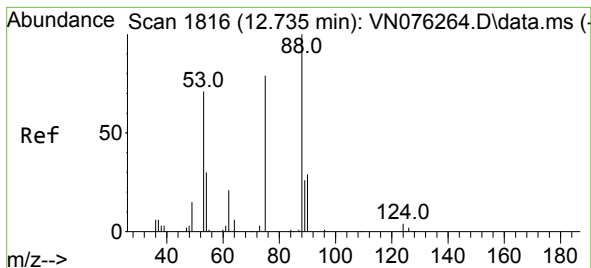
Tgt Ion:152 Resp: 216740
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.6 88.9
 150 156.8 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 29.239 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN076345.D
 Acq: 20 Jan 2023 14:01

Tgt Ion: 75 Resp: 117002
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.2 225.6#

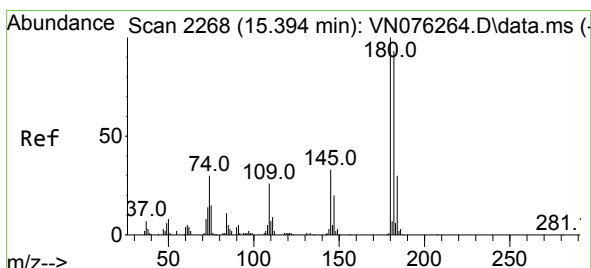
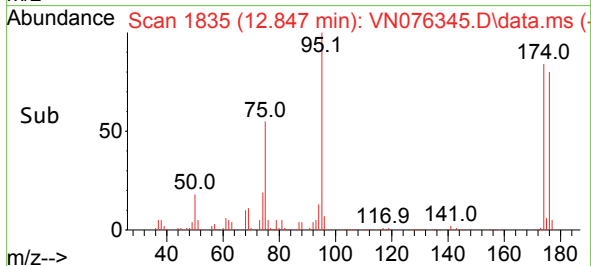
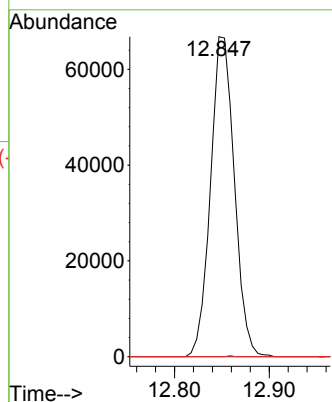
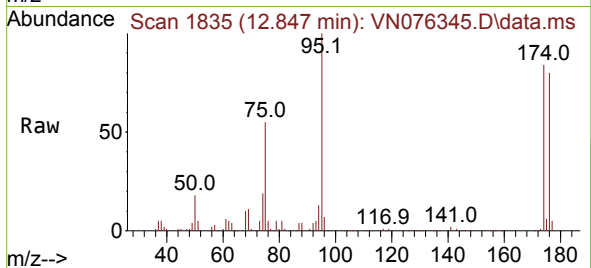




#81
trans-1,4-Dichloro-2-butene
Concen: 89.818 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

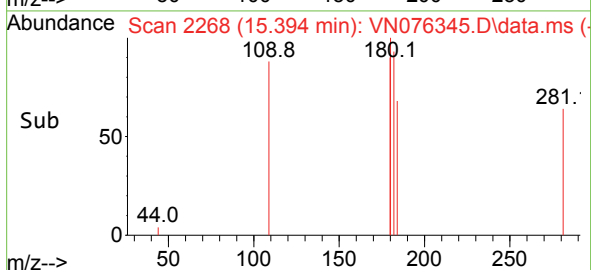
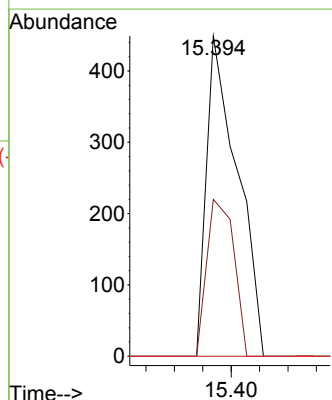
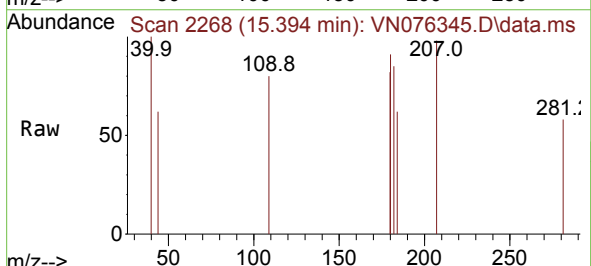
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

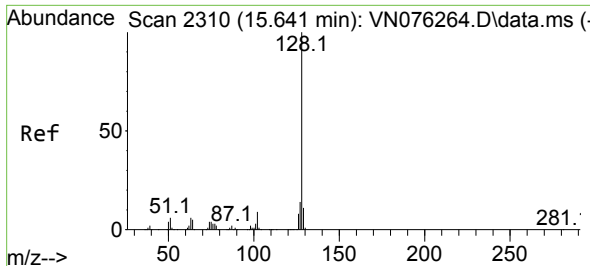
Tgt Ion: 75 Resp: 117002
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.1 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.392 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion:180 Resp: 339
Ion Ratio Lower Upper
180 100
182 42.8 47.0 141.2#
145 0.0 15.2 45.5#

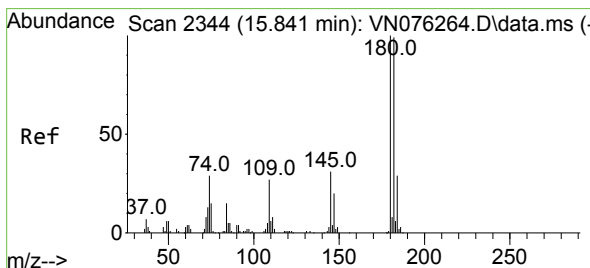
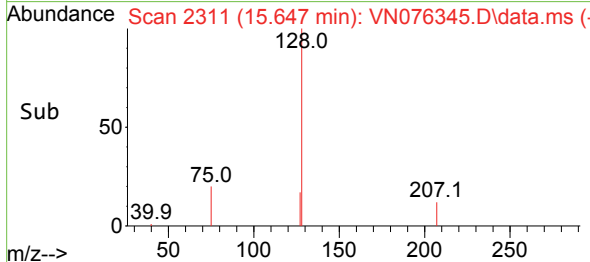
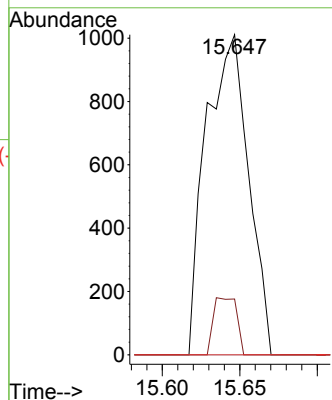
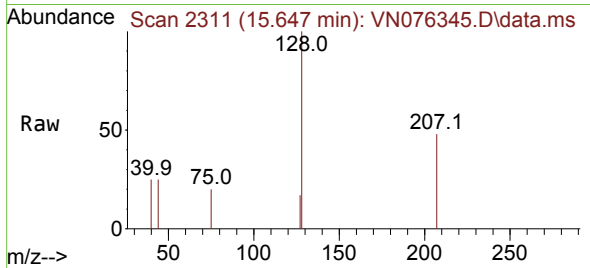




#95
Naphthalene
Concen: 2.004 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:128 Resp: 1927
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.179 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN076345.D
Acq: 20 Jan 2023 14:01

Tgt Ion:180 Resp: 93
Ion Ratio Lower Upper
180 100
182 211.8 47.5 142.5#
145 0.0 15.9 47.6#

