

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076344.D
 Acq On : 20 Jan 2023 13:37
 Operator : JC\MD
 Sample : 01248-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jan 20 22:15:14 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)

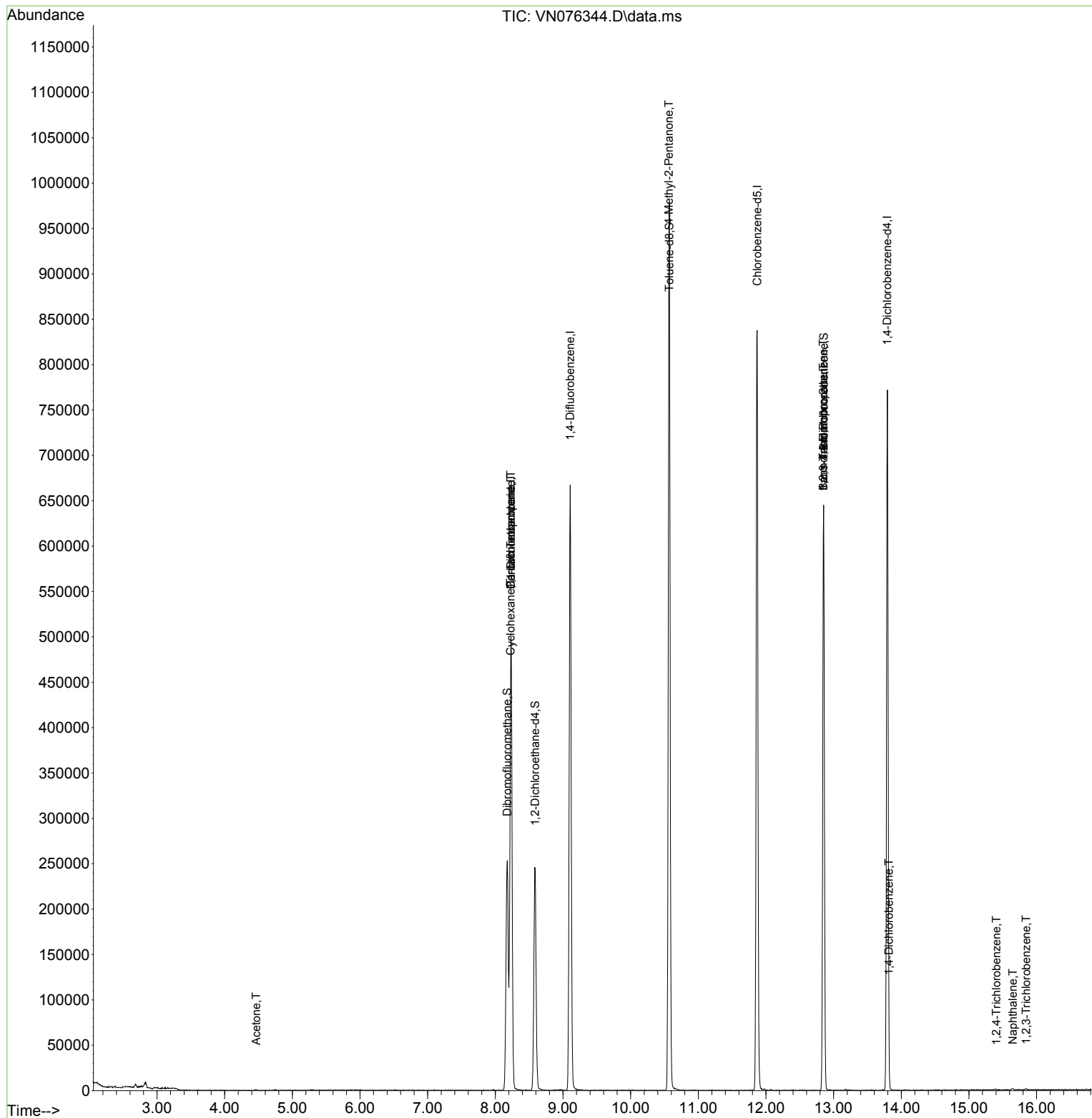
Internal Standards						
1) Pentafluorobenzene	8.230	168	382247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	608736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	518193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203400	47.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.040%
35) Dibromofluoromethane	8.177	113	181046	47.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.571	98	691004	49.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	214566	46.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	914	0.593	ug/l #	41
20) Methylene Chloride	5.294	84	473	Below Cal	#	62
31) Cyclohexane	8.224	56	7383	1.123	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	27153	5.018	ug/l #	50
38) Carbon Tetrachloride	8.230	117	37092	6.147	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2825	0.682	ug/l #	1
71) Bromoform	12.847	173	1188	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	113130	28.366	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	113130	87.223	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	854	0.215	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.406	180	458	1.423	ug/l #	59
95) Naphthalene	15.647	128	2563	2.059	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.847	180	570	1.308	ug/l	67

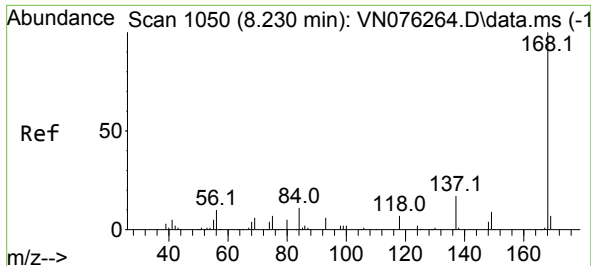
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

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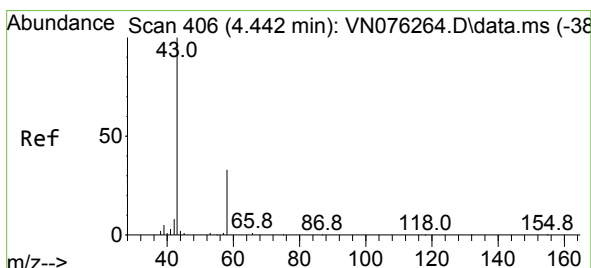
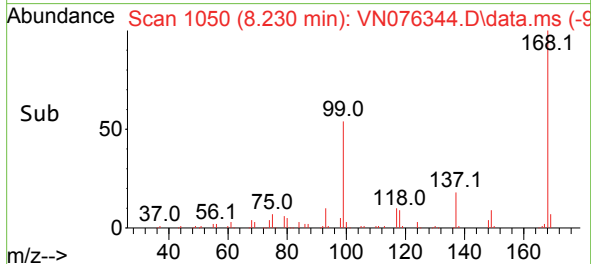
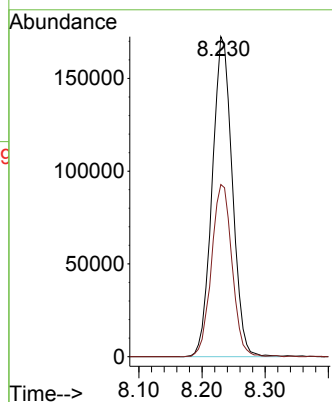
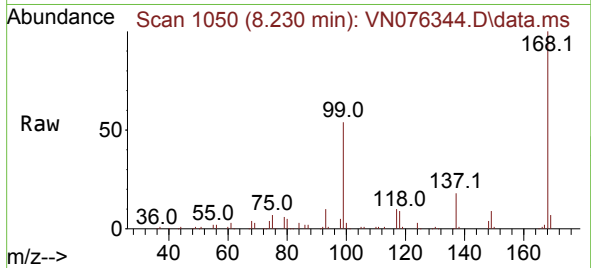




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

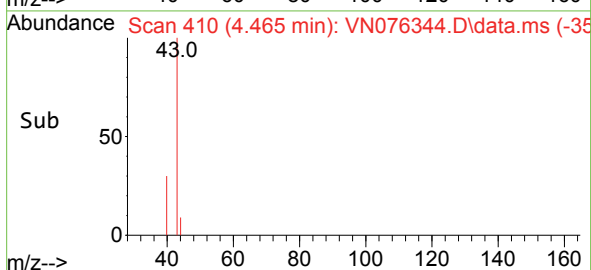
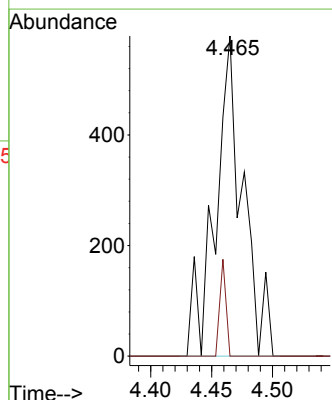
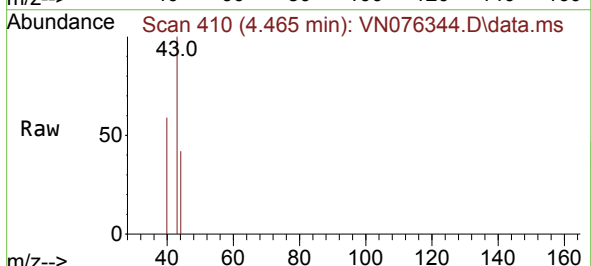
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

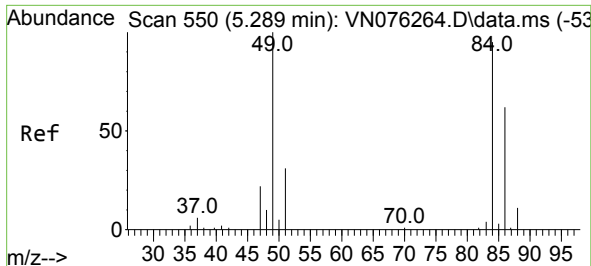
Tgt Ion:168 Resp: 382247
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4



#16
Acetone
Concen: 0.593 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

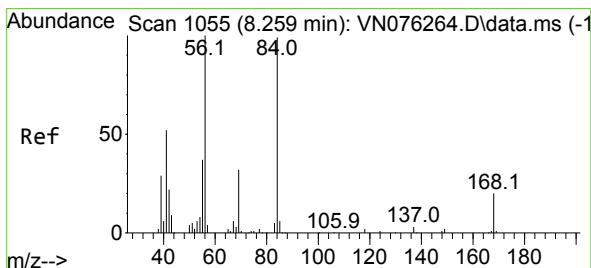
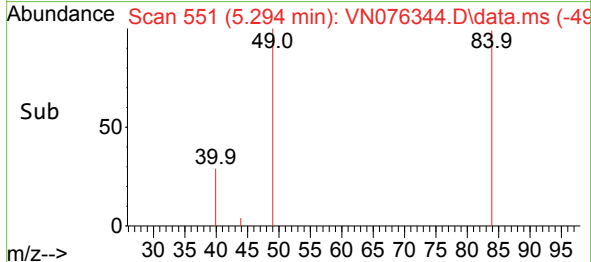
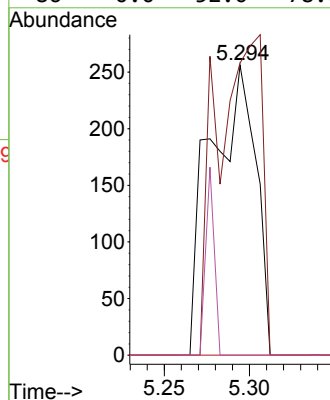
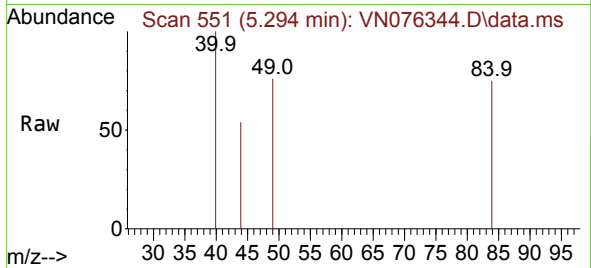




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

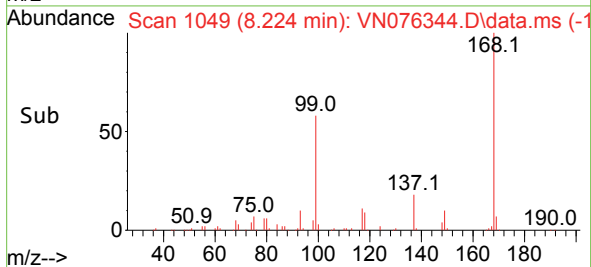
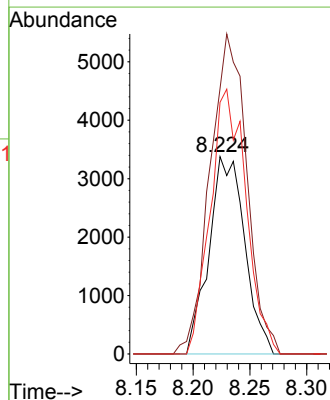
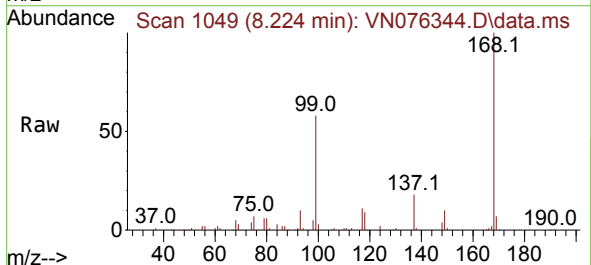
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

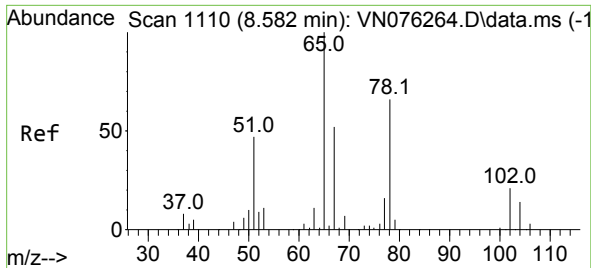
Tgt Ion:	84	Resp:	473
Ion	Ratio	Lower	Upper
84	100		
49	100.8	84.5	126.7
51	0.0	26.0	39.0#
86	0.0	52.0	78.0#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion:	56	Resp:	7383
Ion	Ratio	Lower	Upper
56	100		
69	134.6	25.8	38.8#
84	127.6	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 47.524 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076344.D

Acq: 20 Jan 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

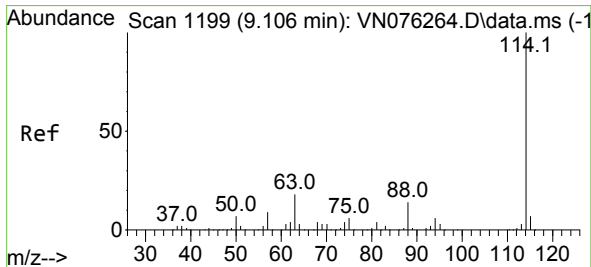
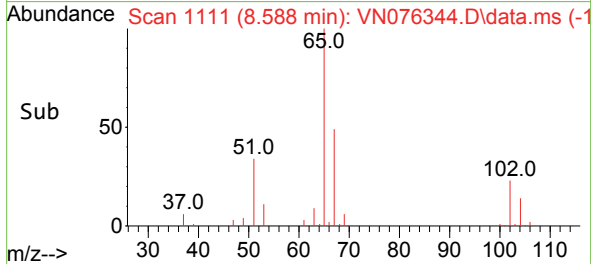
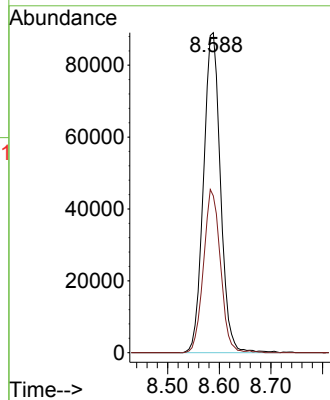
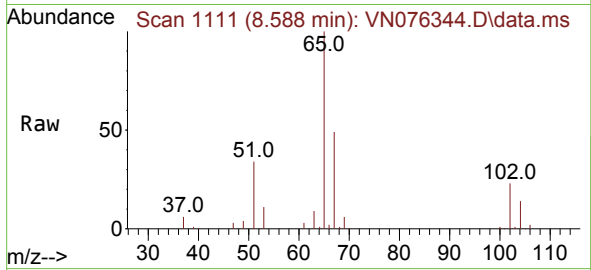
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 203400

Ion Ratio Lower Upper

65 100

67 50.9 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: VN076344.D

Acq: 20 Jan 2023 13:37

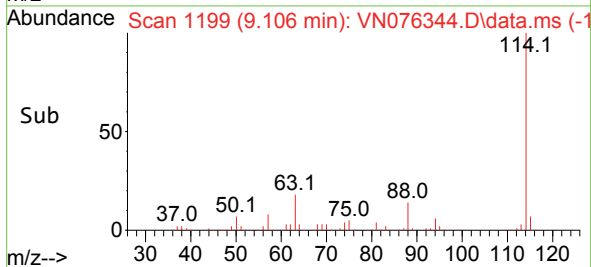
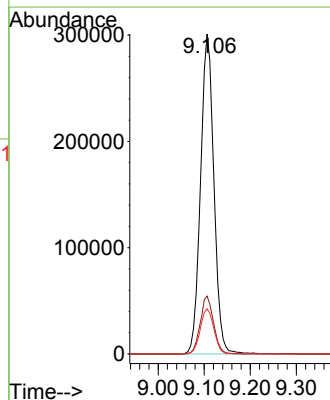
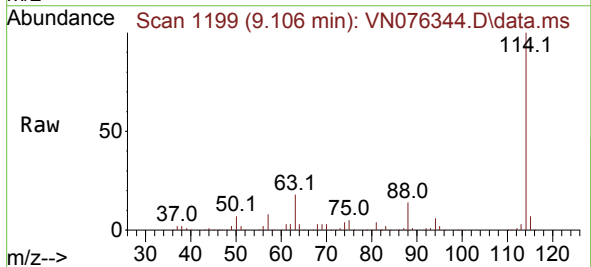
Tgt Ion: 114 Resp: 608736

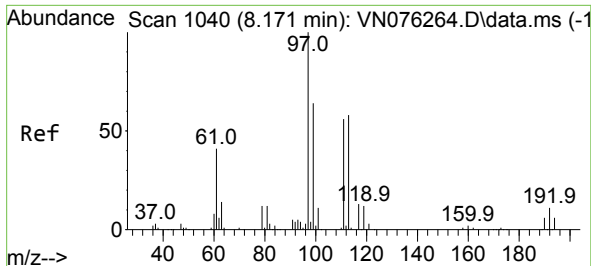
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 14.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.545 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076344.D

Acq: 20 Jan 2023 13:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

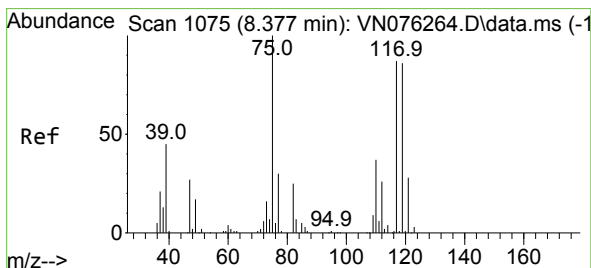
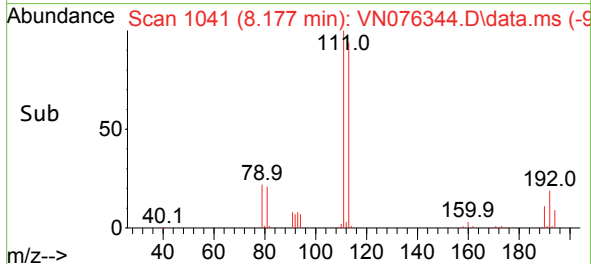
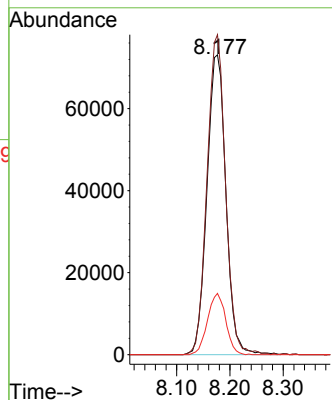
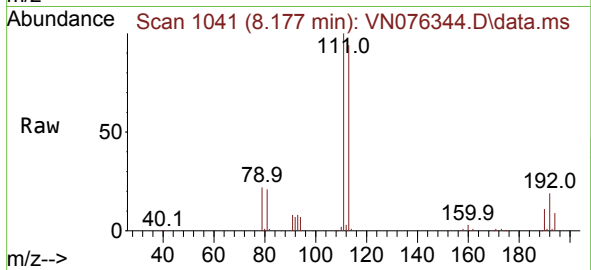
Tgt Ion:113 Resp: 181046

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 19.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.018 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076344.D

Acq: 20 Jan 2023 13:37

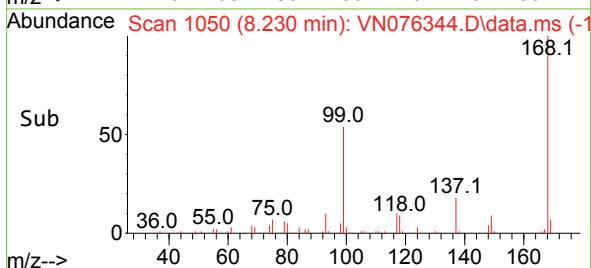
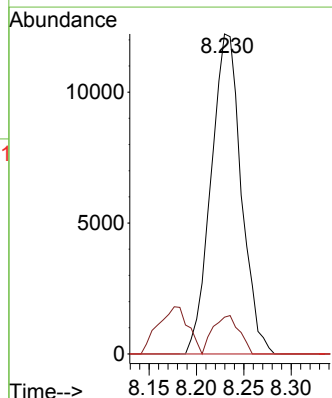
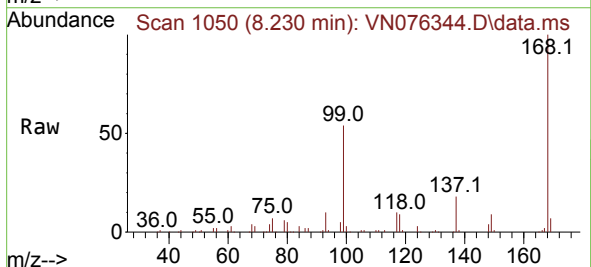
Tgt Ion: 75 Resp: 27153

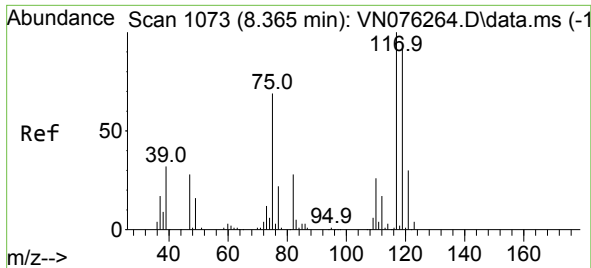
Ion Ratio Lower Upper

75 100

110 10.5 18.8 56.3#

77 0.0 25.0 37.4#

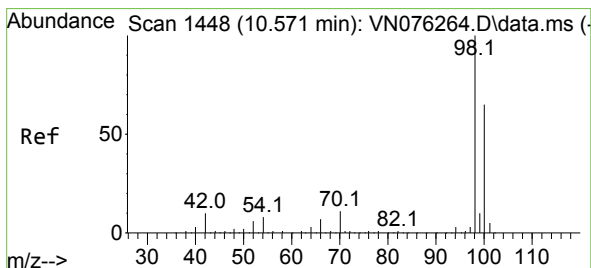
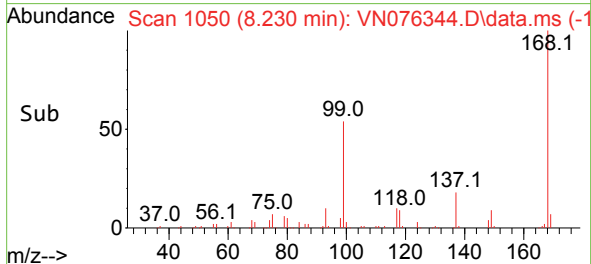
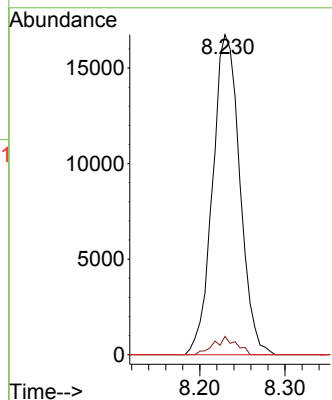
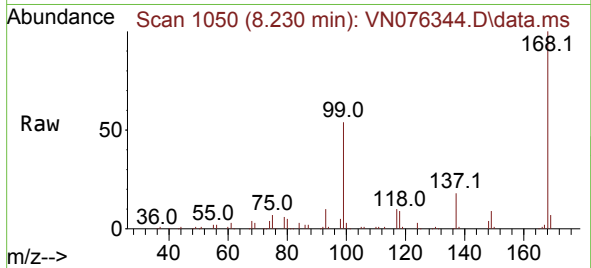




#38
Carbon Tetrachloride
Concen: 6.147 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

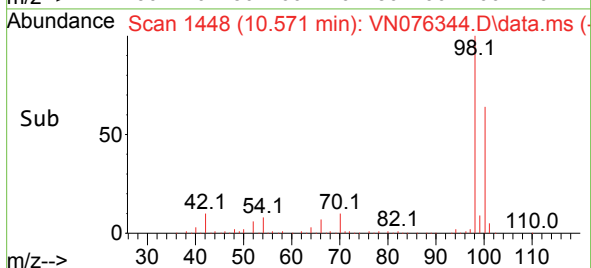
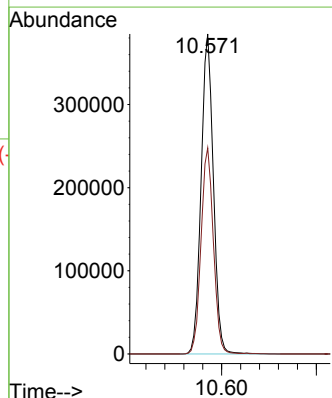
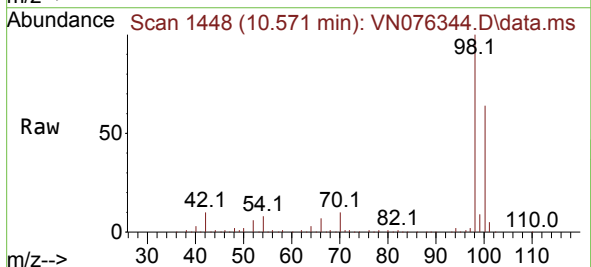
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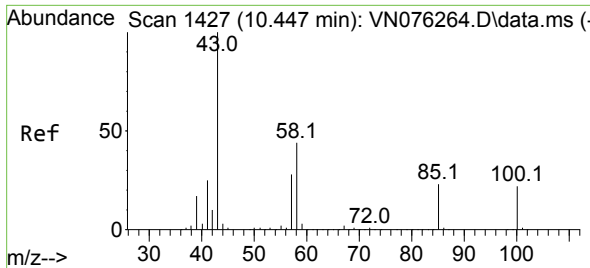
Tgt Ion:117 Resp: 37092
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.136 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion: 98 Resp: 691004
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

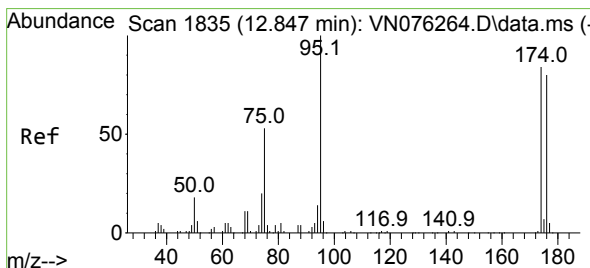
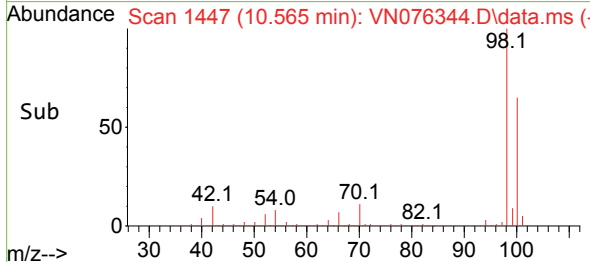
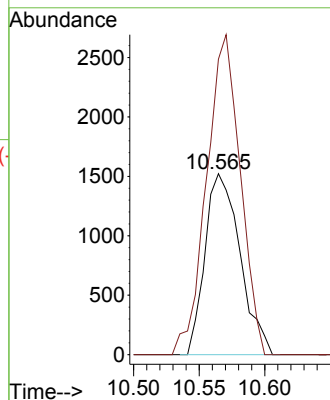
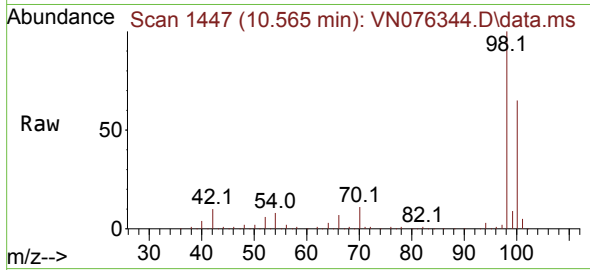




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

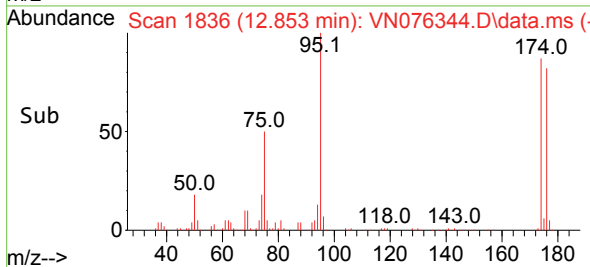
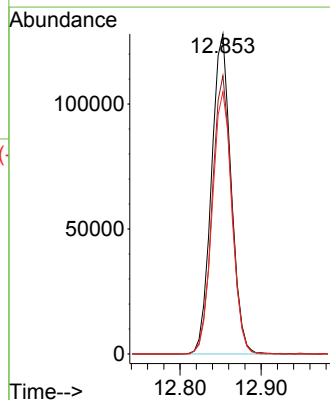
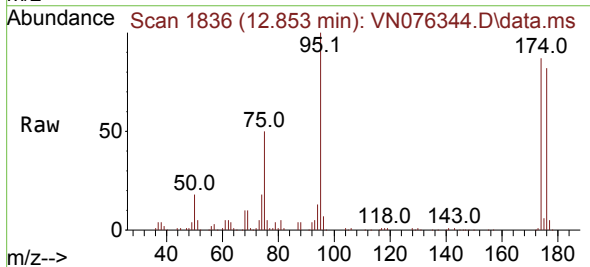
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STORAGE-BLANK-WATER-REF-5

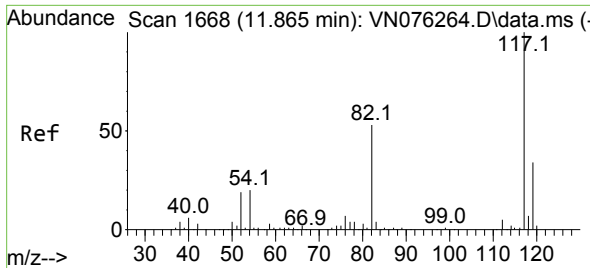
Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 170.7 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 46.737 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion: 95 Resp: 214566
Ion Ratio Lower Upper
95 100
174 87.1 0.0 174.6
176 82.6 0.0 167.8

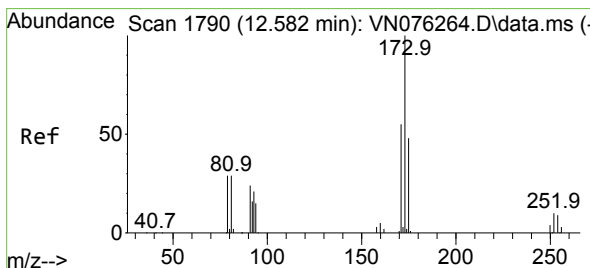
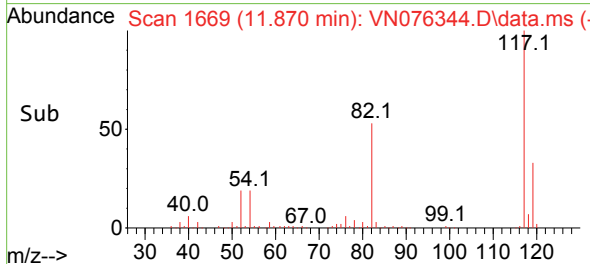
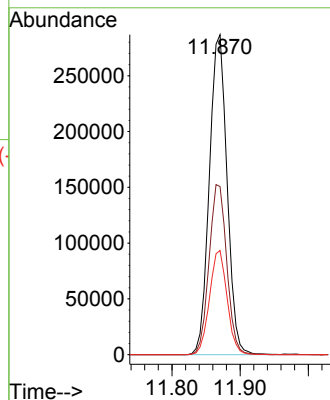
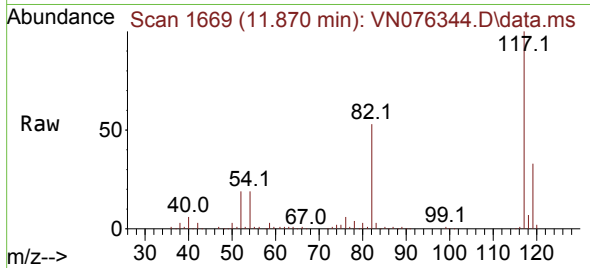




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

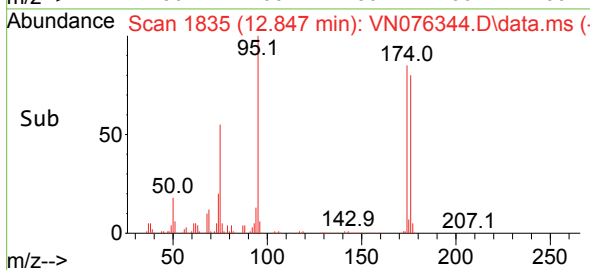
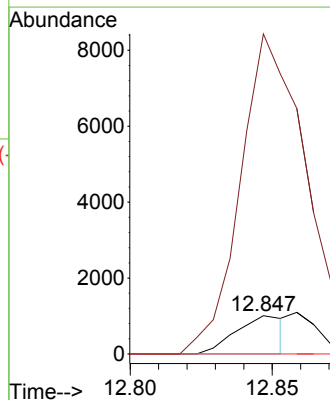
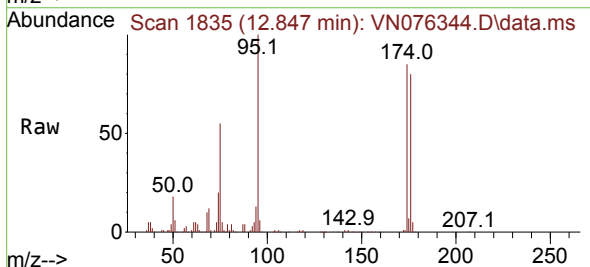
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

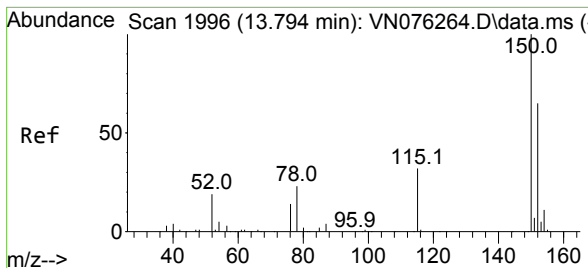
Tgt Ion:117 Resp: 518193
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.5 26.9 40.3



#71
Bromoform
Concen: 0.404 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion:173 Resp: 1188
Ion Ratio Lower Upper
173 100
175 951.4 24.1 72.4#
254 0.0 0.0 0.0

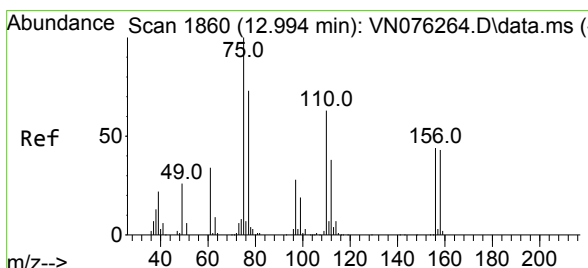
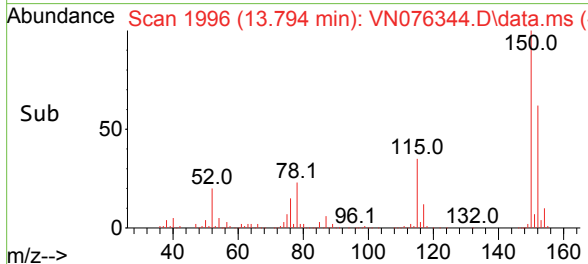
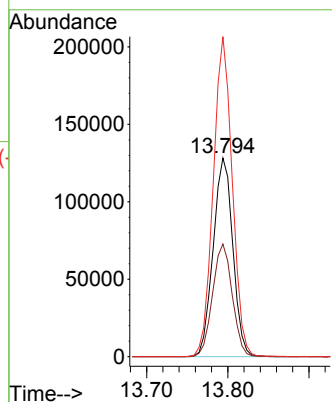
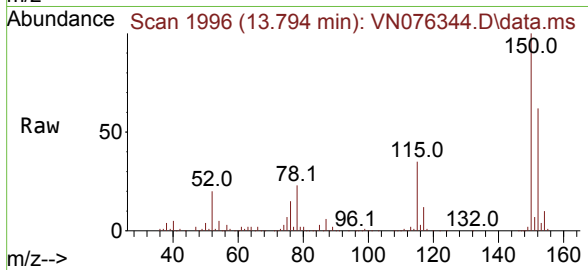




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076344.D
 Acq: 20 Jan 2023 13:37

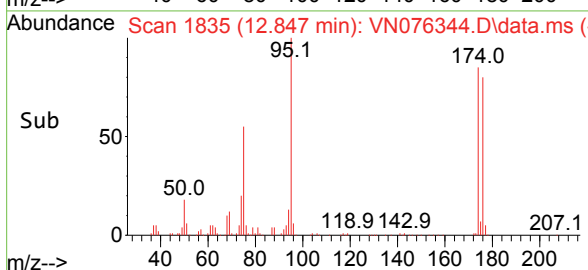
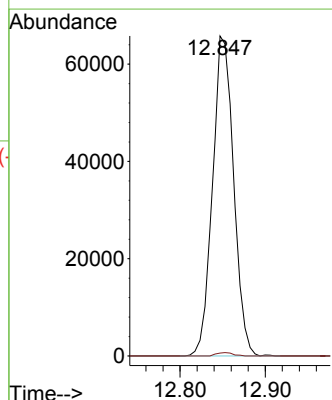
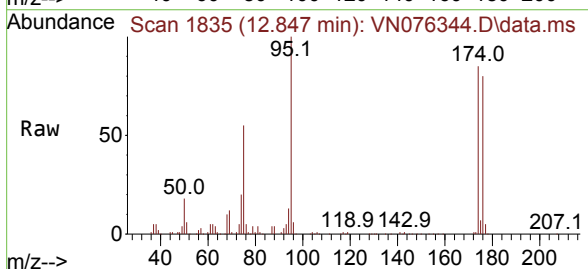
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

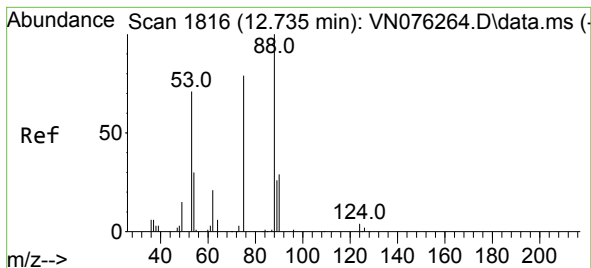
Tgt Ion:152 Resp: 215801
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.6 88.9
 150 155.7 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 28.366 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN076344.D
 Acq: 20 Jan 2023 13:37

Tgt Ion: 75 Resp: 113130
 Ion Ratio Lower Upper
 75 100
 77 0.8 75.2 225.6#

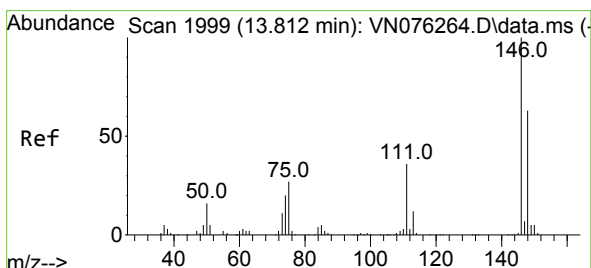
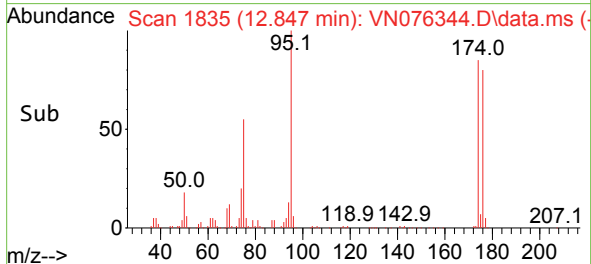
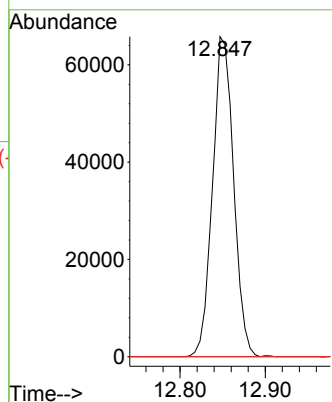
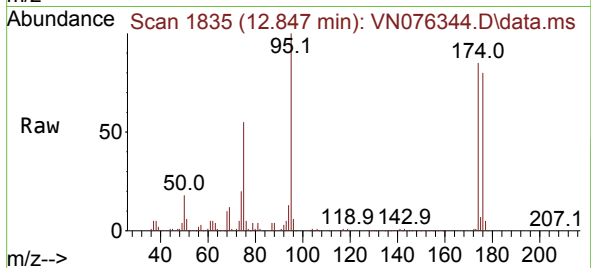




#81
trans-1,4-Dichloro-2-butene
Concen: 87.223 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

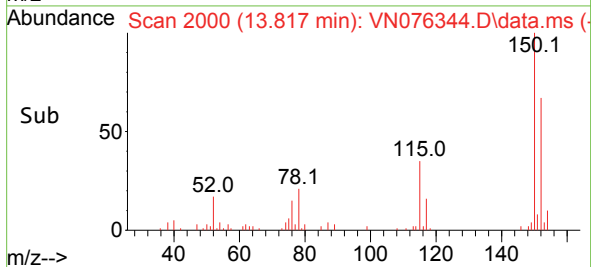
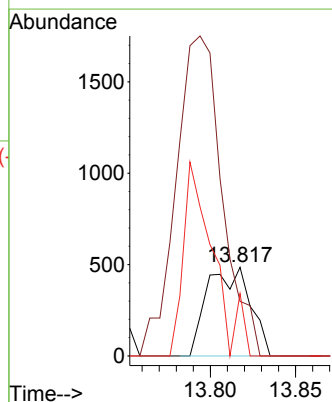
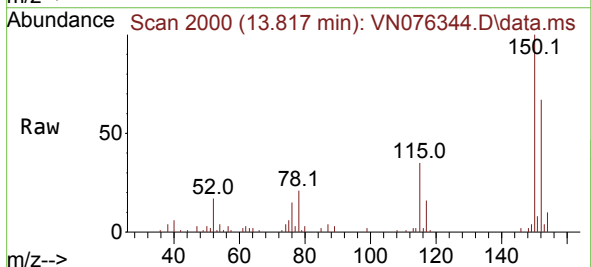
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

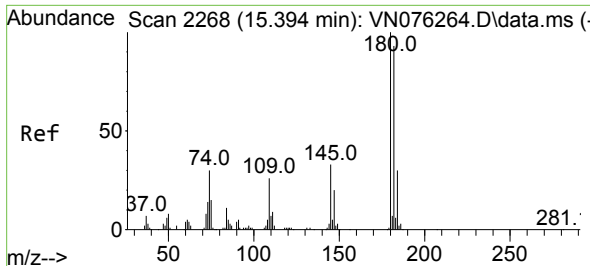
Tgt Ion: 75 Resp: 113130
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#88
1,4-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion:146 Resp: 854
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.5#
148 0.0 31.9 95.9#

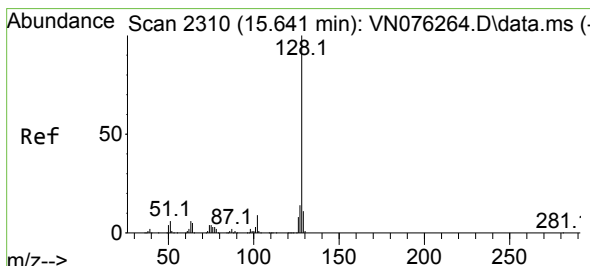
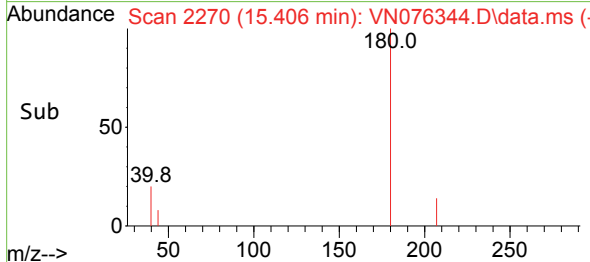
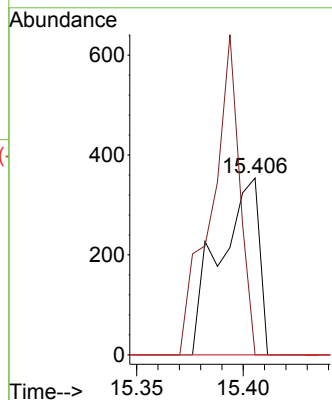
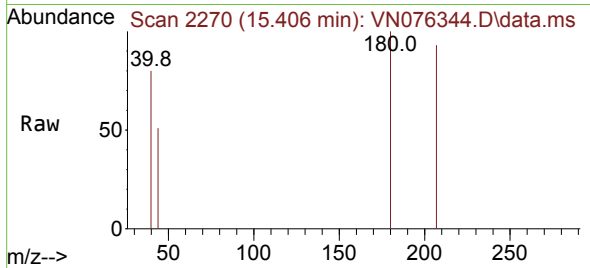




#93
1,2,4-Trichlorobenzene
Concen: 1.423 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

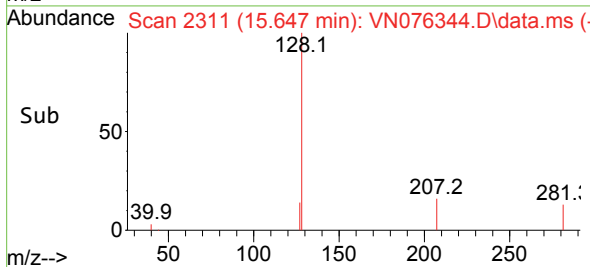
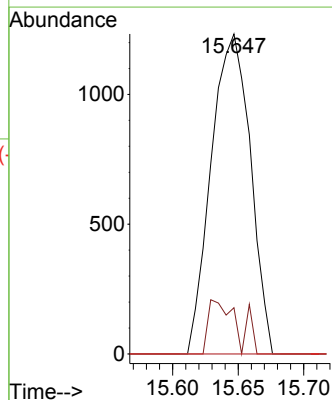
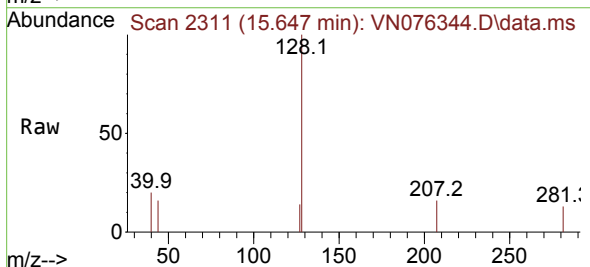
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

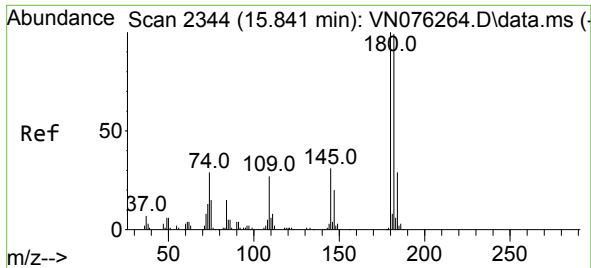
Tgt Ion:180 Resp: 458
Ion Ratio Lower Upper
180 100
182 128.6 47.0 141.2
145 0.0 15.2 45.5#



#95
Naphthalene
Concen: 2.059 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076344.D
Acq: 20 Jan 2023 13:37

Tgt Ion:128 Resp: 2563
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.308 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076344.D
 Acq: 20 Jan 2023 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion:180	Resp:	570
Ion	Ratio	Lower Upper
180	100	
182	55.8	47.5 142.5
145	24.7	15.9 47.6

