

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076482.D
 Acq On : 31 Jan 2023 12:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 01 00:48:30 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)

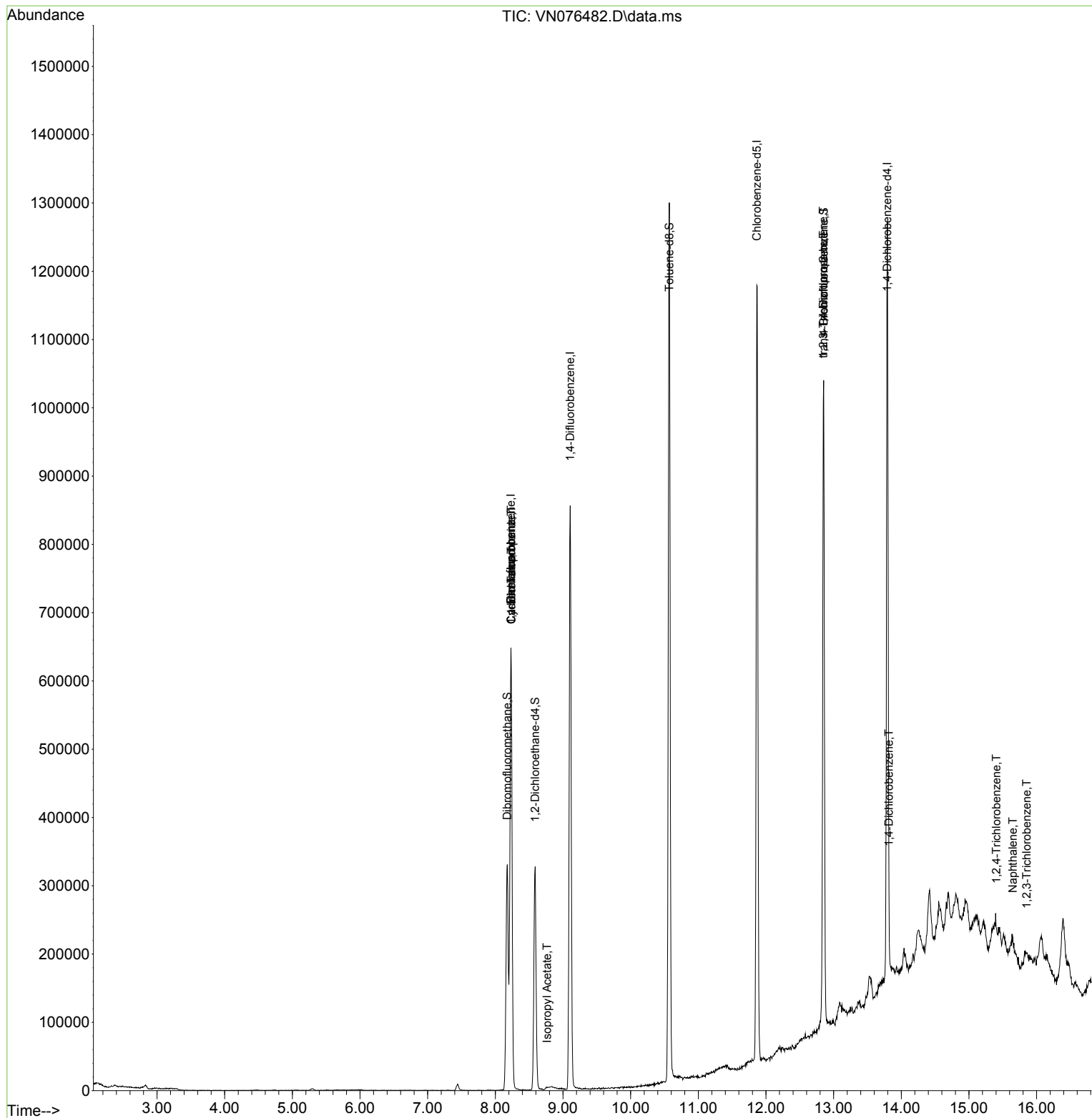
Internal Standards						
1) Pentafluorobenzene	8.230	168	481577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	783286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	703272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276172	51.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.177	113	239450	48.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.740%			
50) Toluene-d8	10.571	98	922156	50.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.853	95	326437	55.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.520%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.294	84	2136	Below Cal	#	81
31) Cyclohexane	8.235	56	9989	1.206	ug/l #	30
36) 1,1-Dichloropropene	8.235	75	36148	5.192	ug/l #	49
38) Carbon Tetrachloride	8.235	117	50151	6.459	ug/l #	16
43) Isopropyl Acetate	8.765	43	2560	0.282	ug/l #	51
76) 1,2,3-Trichloropropane	12.847	75	167455	29.998	ug/l #	1
77) Bromobenzene	12.712	156	170	Below Cal		54
81) trans-1,4-Dichloro-2-b...	12.847	75	167455	92.074	ug/l #	12
88) 1,4-Dichlorobenzene	13.817	146	1482	0.242	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.406	180	1467	1.574	ug/l	75
95) Naphthalene	15.647	128	7485	2.297	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.853	180	739	1.297	ug/l #	2

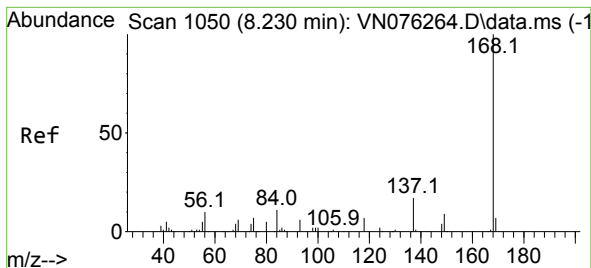
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

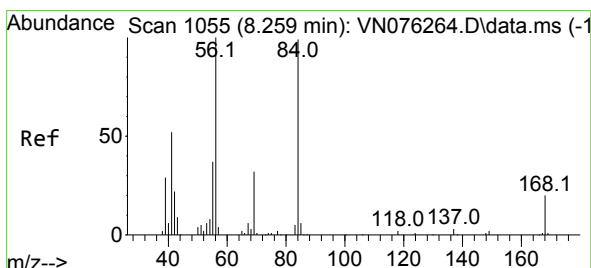
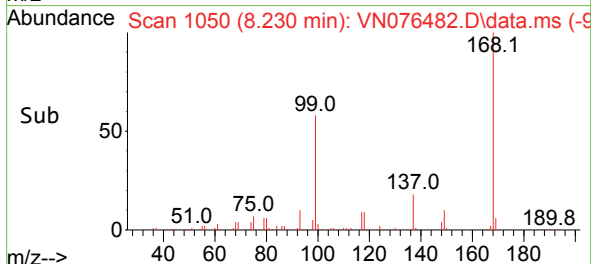
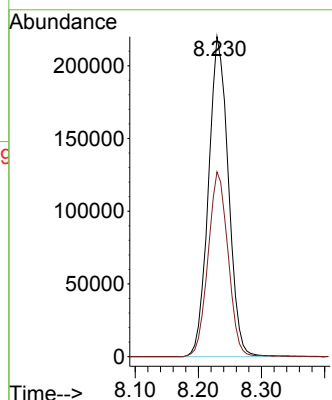
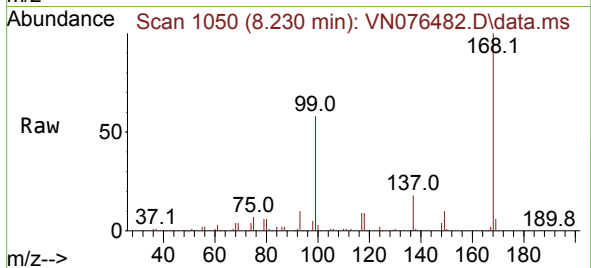
IBLK

Tgt Ion:168 Resp: 481577

Ion Ratio Lower Upper

168 100

99 57.8 41.6 62.4



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.024 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

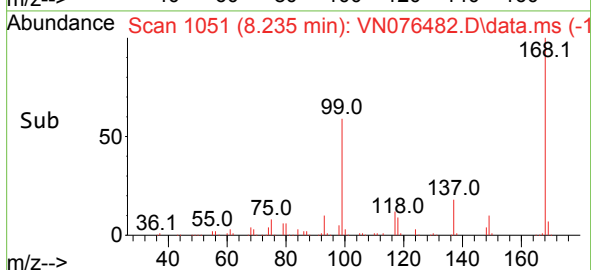
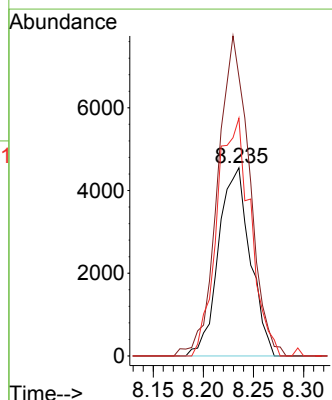
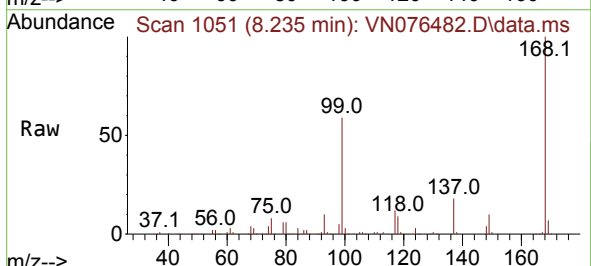
Tgt Ion: 56 Resp: 9989

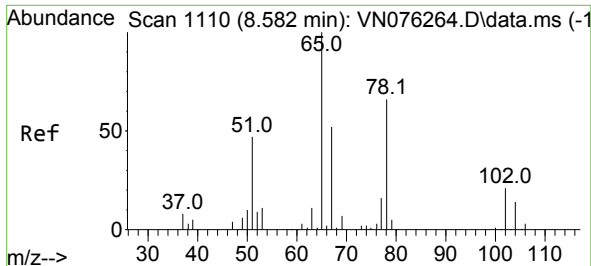
Ion Ratio Lower Upper

56 100

69 144.6 25.8 38.8#

84 126.4 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 51.217 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076482.D

Acq: 31 Jan 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

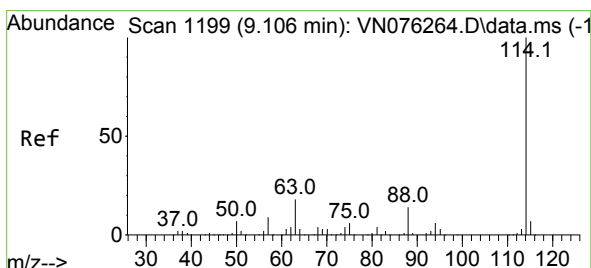
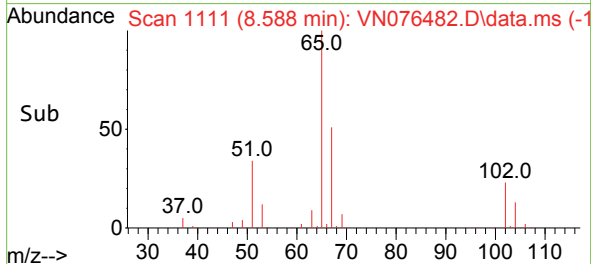
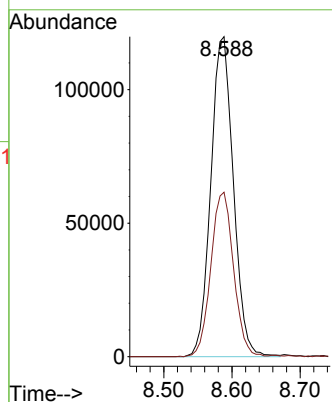
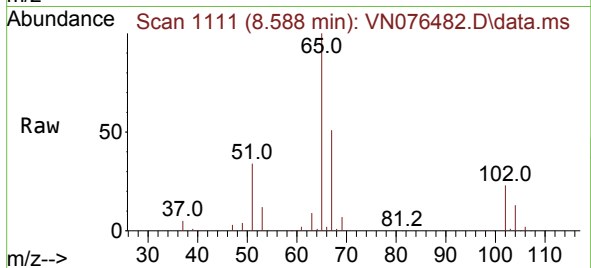
IBLK

Tgt Ion: 65 Resp: 276172

Ion Ratio Lower Upper

65 100

67 51.7 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: VN076482.D

Acq: 31 Jan 2023 12:59

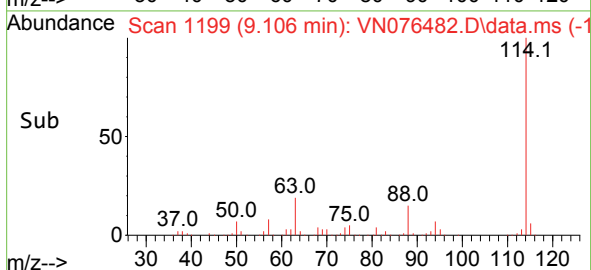
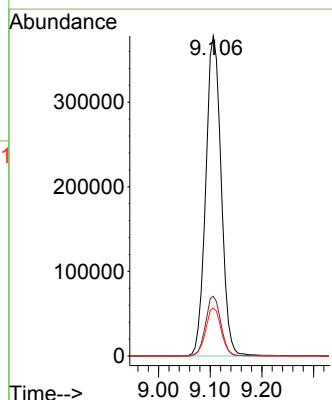
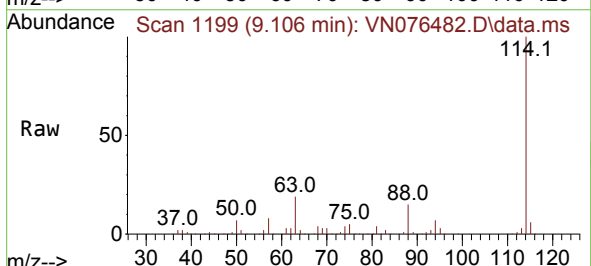
Tgt Ion: 114 Resp: 783286

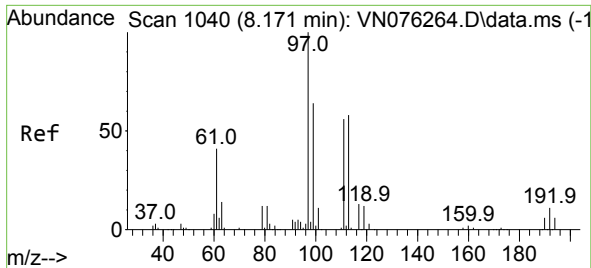
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.0 0.0 28.0

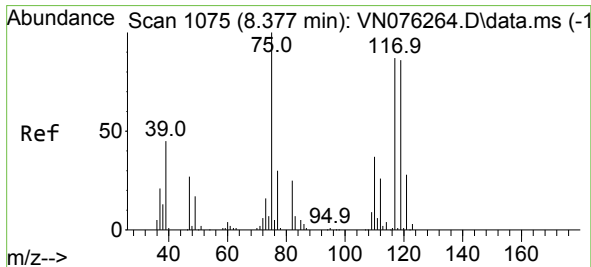
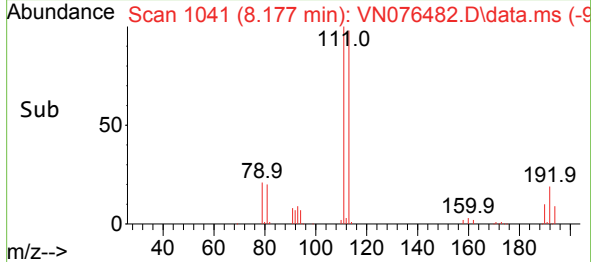
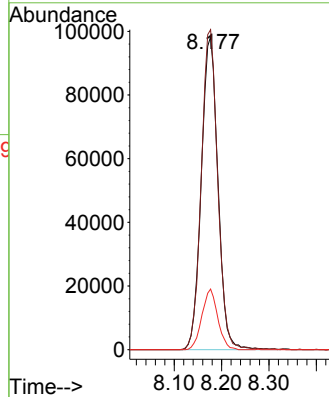
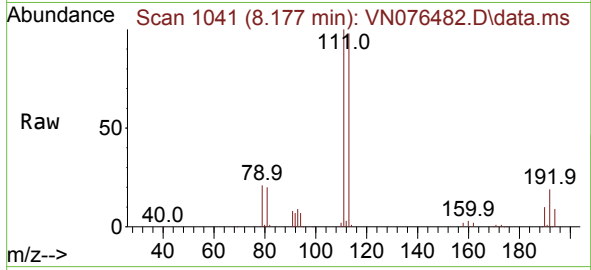




#35
Dibromofluoromethane
Concen: 48.870 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

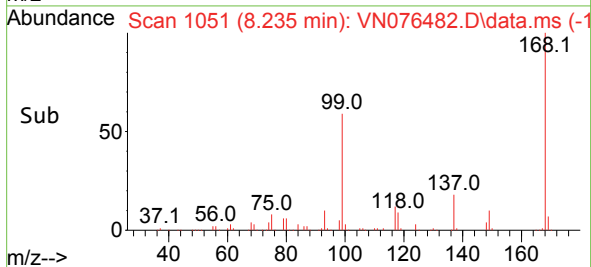
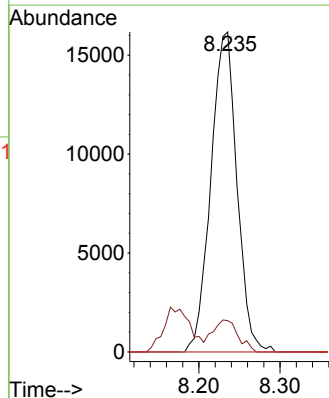
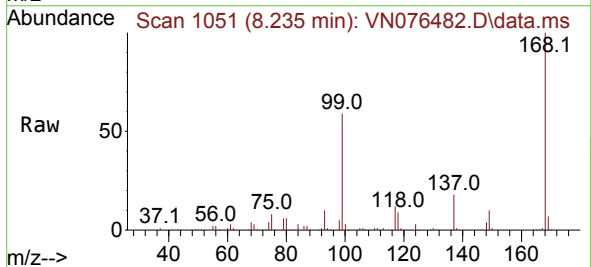
Instrument :
MSVOA_N
ClientSampleId :
IBLK

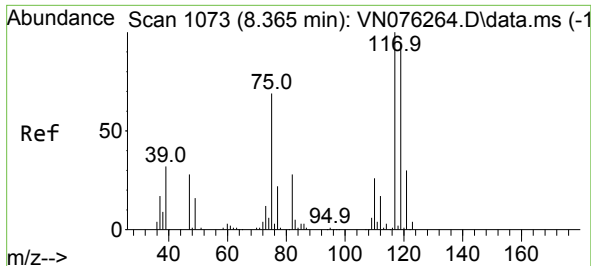
Tgt Ion:113 Resp: 239450
Ion Ratio Lower Upper
113 100
111 100.6 82.7 124.1
192 18.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.192 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.142 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

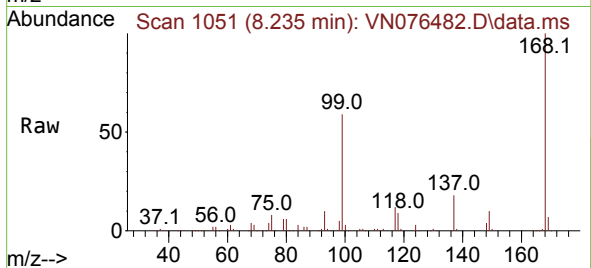
Tgt Ion: 75 Resp: 36148
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.3#
77 0.0 25.0 37.4#



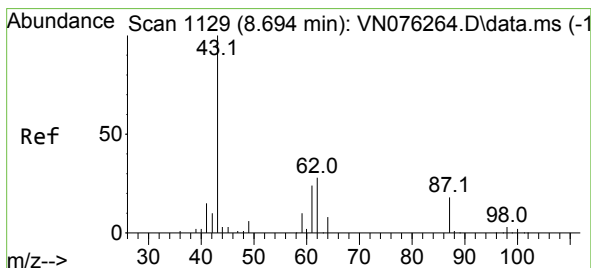
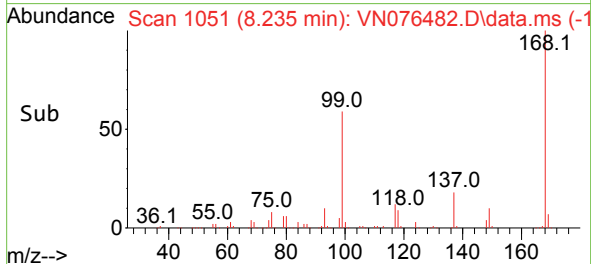
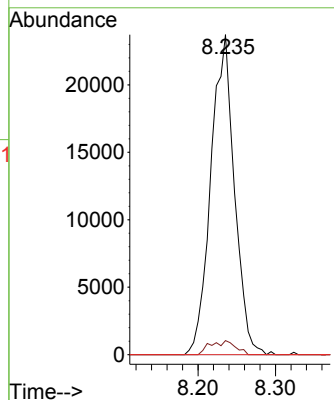


#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.130 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

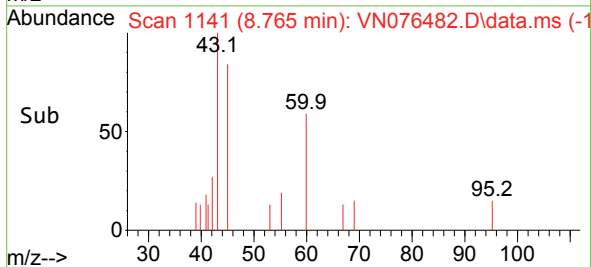
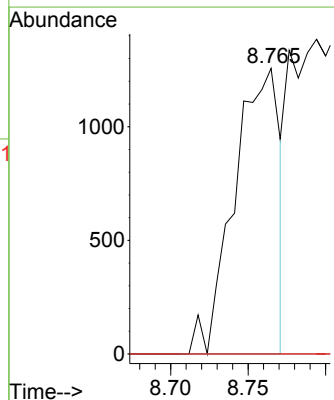
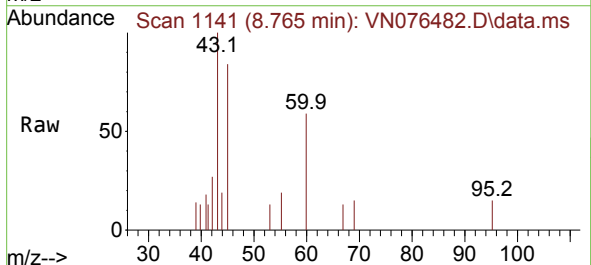


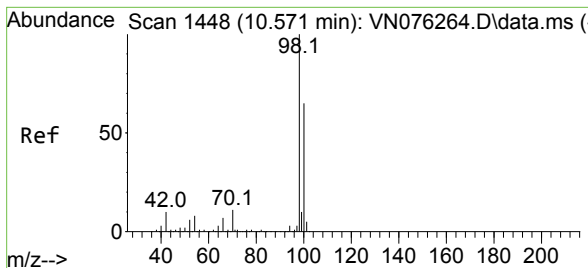
Tgt Ion:117 Resp: 50151
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.282 ug/l
RT: 8.765 min Scan# 1141
Delta R.T. 0.071 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 43 Resp: 2560
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#

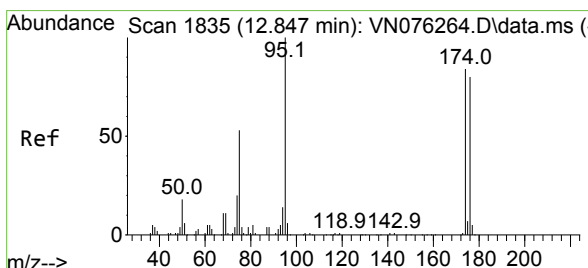
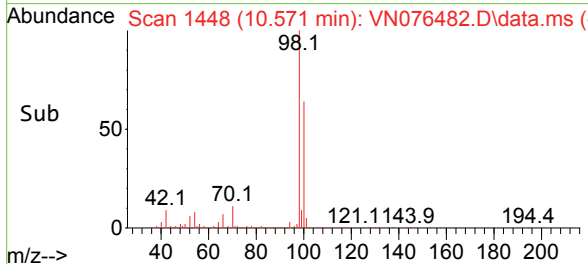
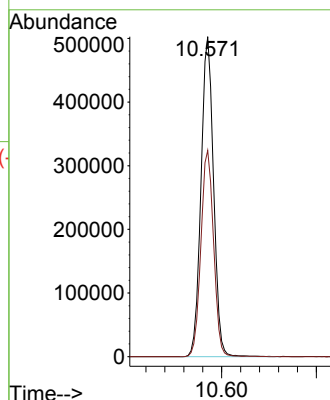
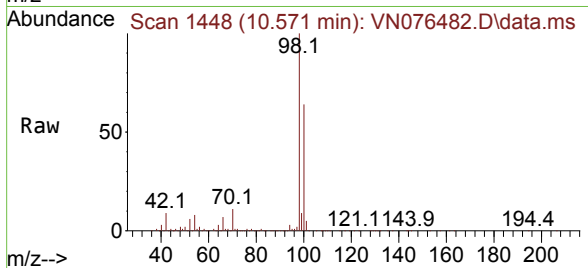




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

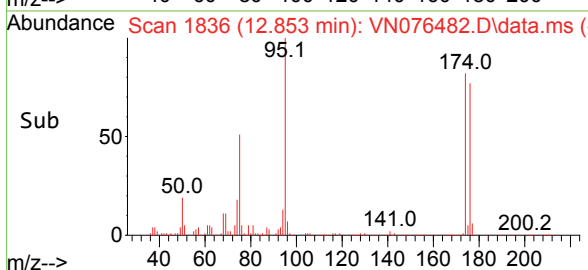
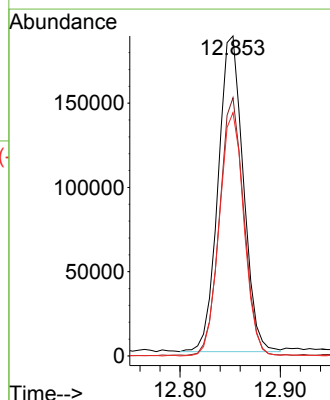
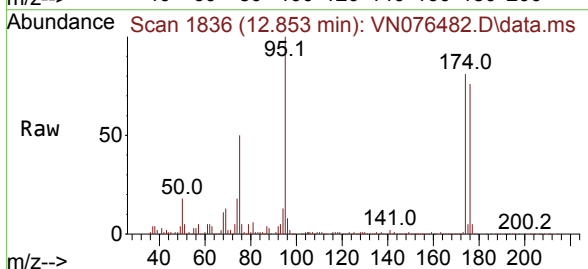
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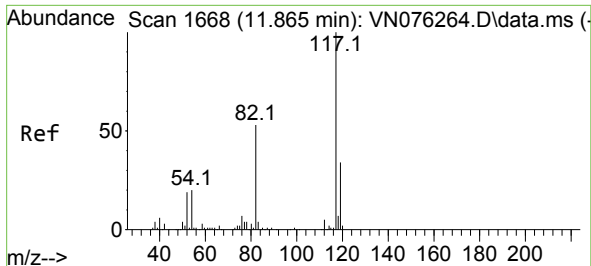
Tgt Ion: 98 Resp: 922156
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.260 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 95 Resp: 326437
Ion Ratio Lower Upper
95 100
174 78.8 0.0 174.6
176 75.7 0.0 167.8

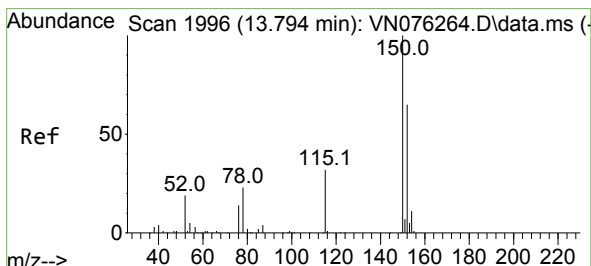
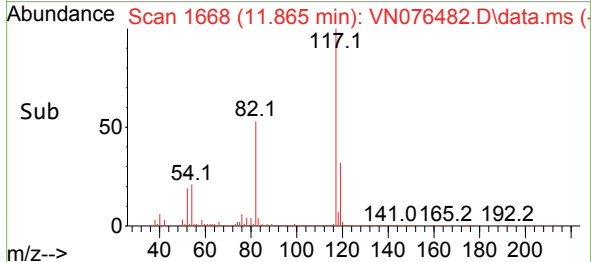
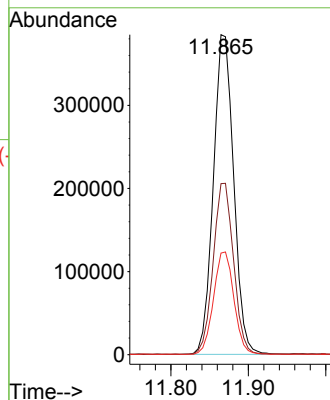
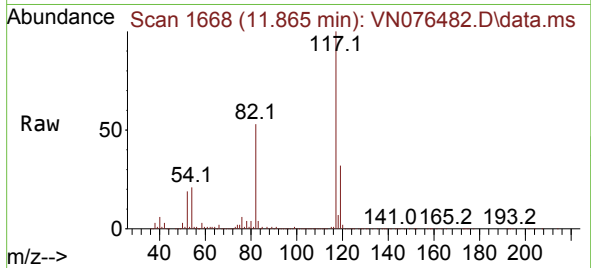




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

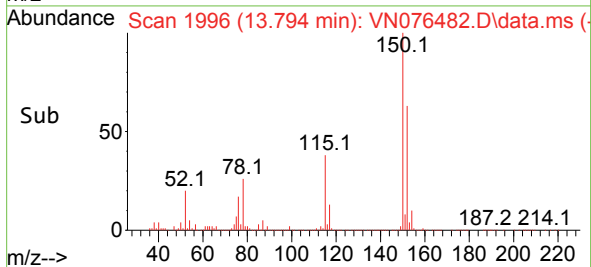
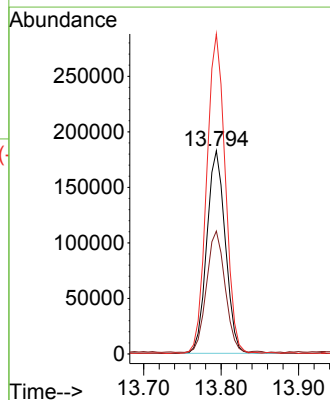
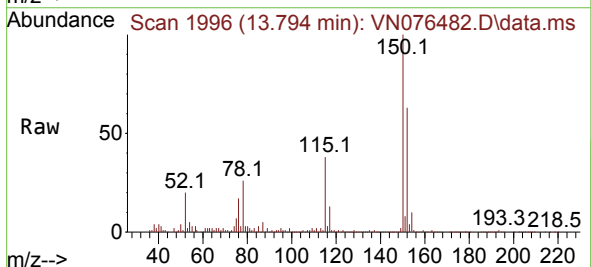
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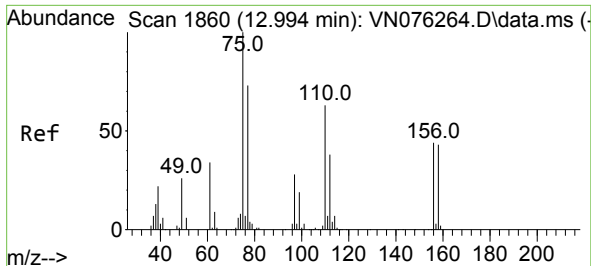
Tgt Ion:117 Resp: 703272
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 31.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Tgt Ion:152 Resp: 302599
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.9
150 158.1 0.0 351.4

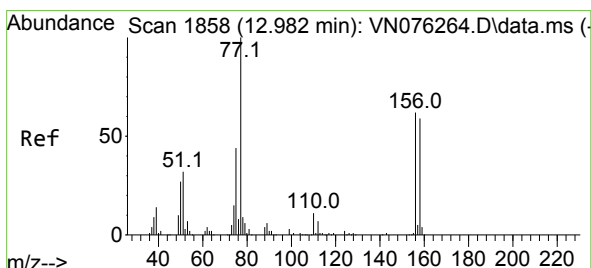
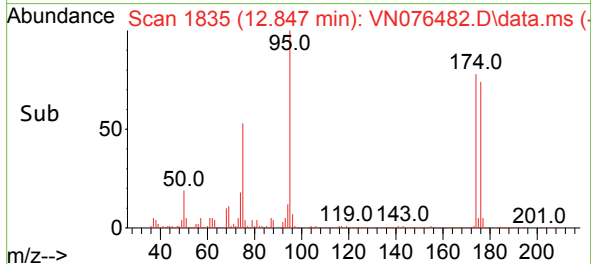
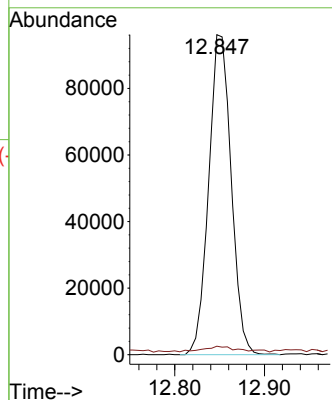
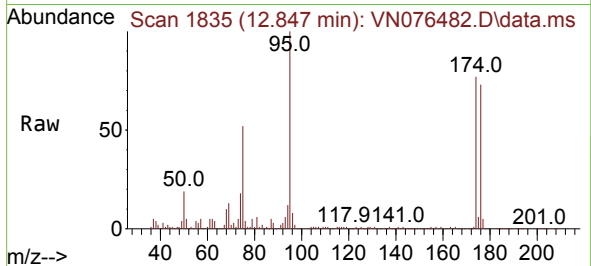




#76
1,2,3-Trichloropropane
Concen: 29.998 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

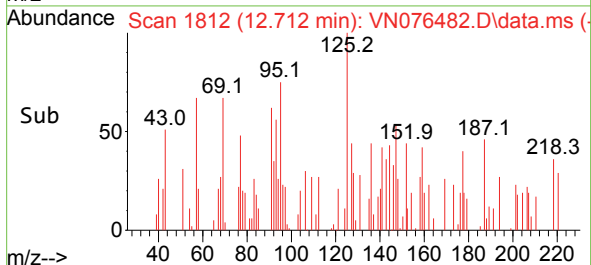
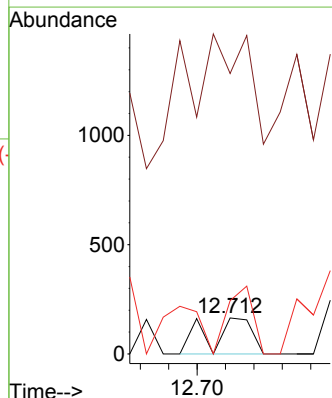
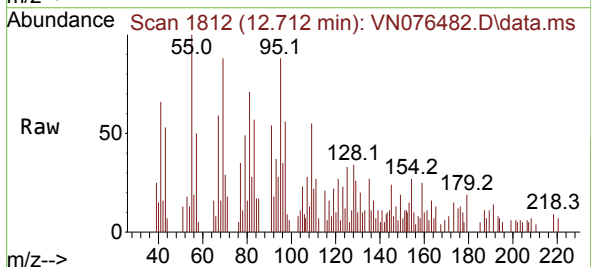
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MSVOA_N
ClientSampleId :
IBLK

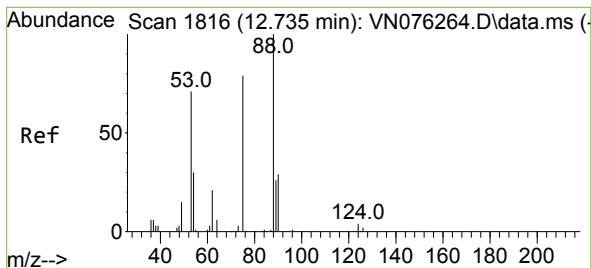
Tgt Ion: 75 Resp: 167455
Ion Ratio Lower Upper
75 100
77 2.0 75.2 225.6#



#77
Bromobenzene
Concen: Below Cal
RT: 12.712 min Scan# 1812
Delta R.T. -0.270 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

Tgt Ion:156 Resp: 170
Ion Ratio Lower Upper
156 100
77 274.7 93.4 280.2
158 115.3 48.4 145.2

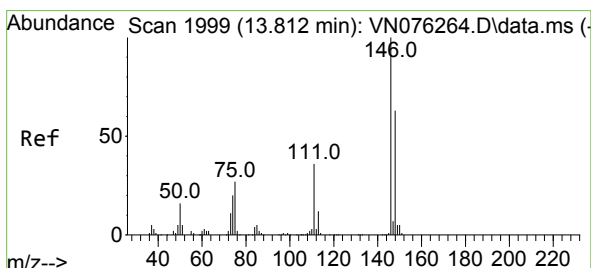
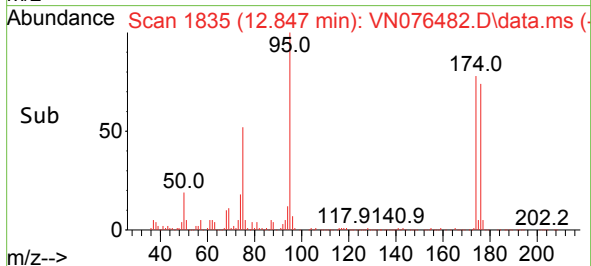
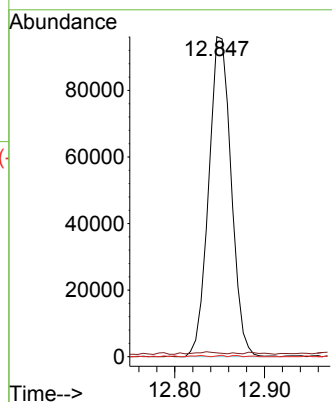
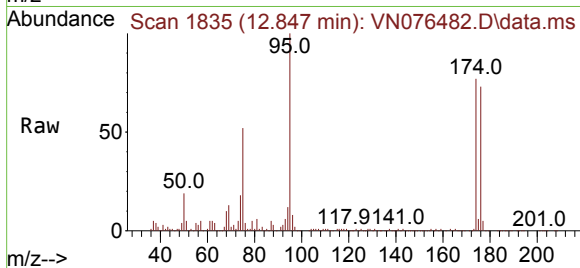




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.074 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN076482.D
 Acq: 31 Jan 2023 12:59

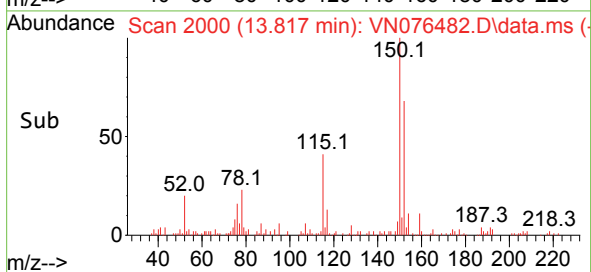
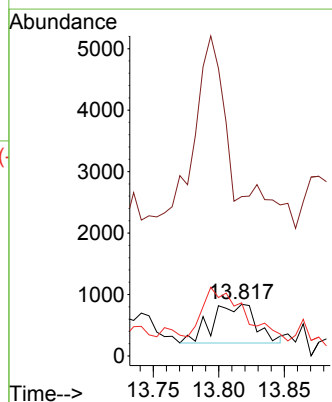
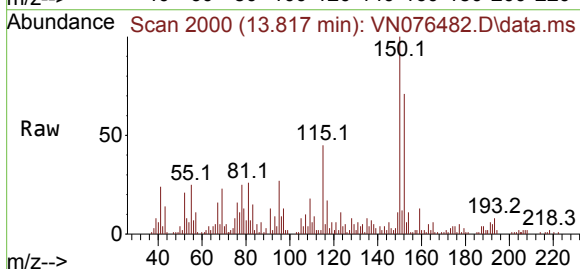
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

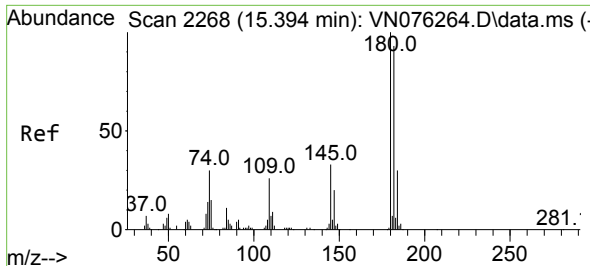
Tgt Ion: 75 Resp: 167455
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.1 37.0 55.6#



#88
 1,4-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076482.D
 Acq: 31 Jan 2023 12:59

Tgt Ion:146 Resp: 1482
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.5#
 148 0.0 31.9 95.9#

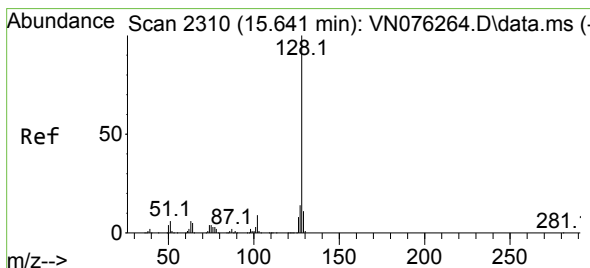
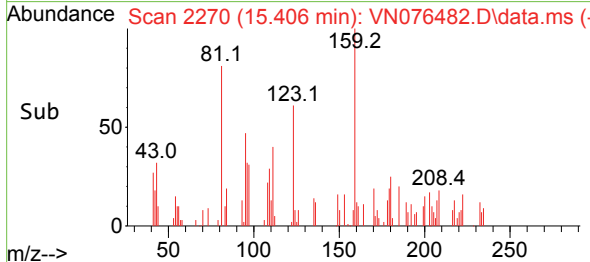
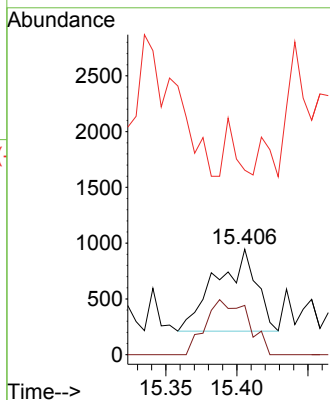
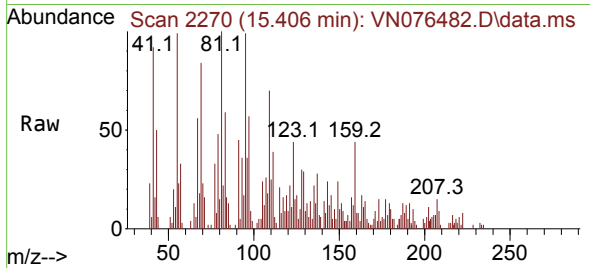




#93
1,2,4-Trichlorobenzene
Concen: 1.574 ug/l
RT: 15.406 min Scan# 211
Delta R.T. 0.012 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

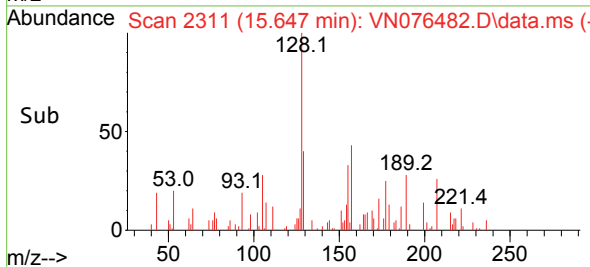
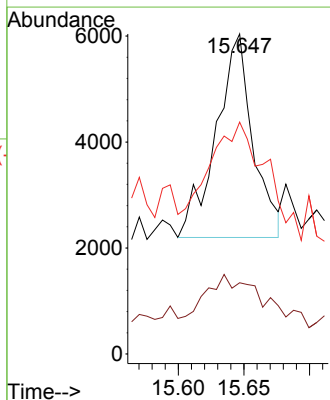
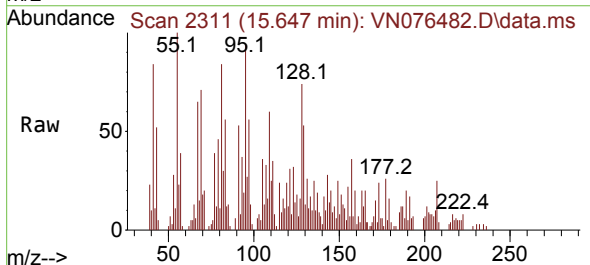
Instrument :
MSVOA_N
ClientSampleId :
IBLK

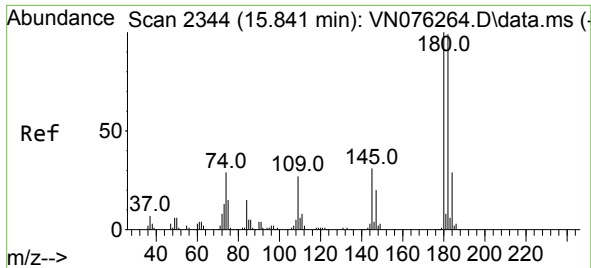
Tgt Ion:180 Resp: 1467
Ion Ratio Lower Upper
180 100
182 69.9 47.0 141.2
145 17.9 15.2 45.5



#95
Naphthalene
Concen: 2.297 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076482.D
Acq: 31 Jan 2023 12:59

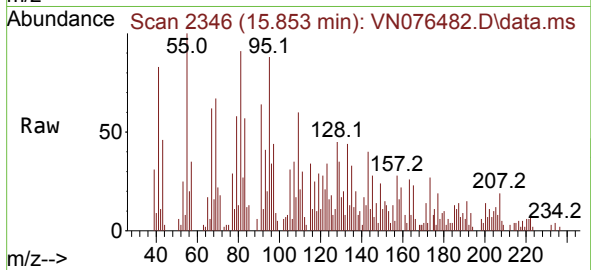
Tgt Ion:128 Resp: 7485
Ion Ratio Lower Upper
128 100
127 42.4 10.3 15.5#
129 91.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.297 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN076482.D
 Acq: 31 Jan 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion	Ratio	Lower	Upper
180	100		
182	203.9	47.5	142.5#
145	0.0	15.9	47.6#

