

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078444.D
 Acq On : 28 Jun 2023 16:18
 Operator : JC\MD
 Sample : 03310-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-883-885RE

Quant Time: Jun 29 05:22:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

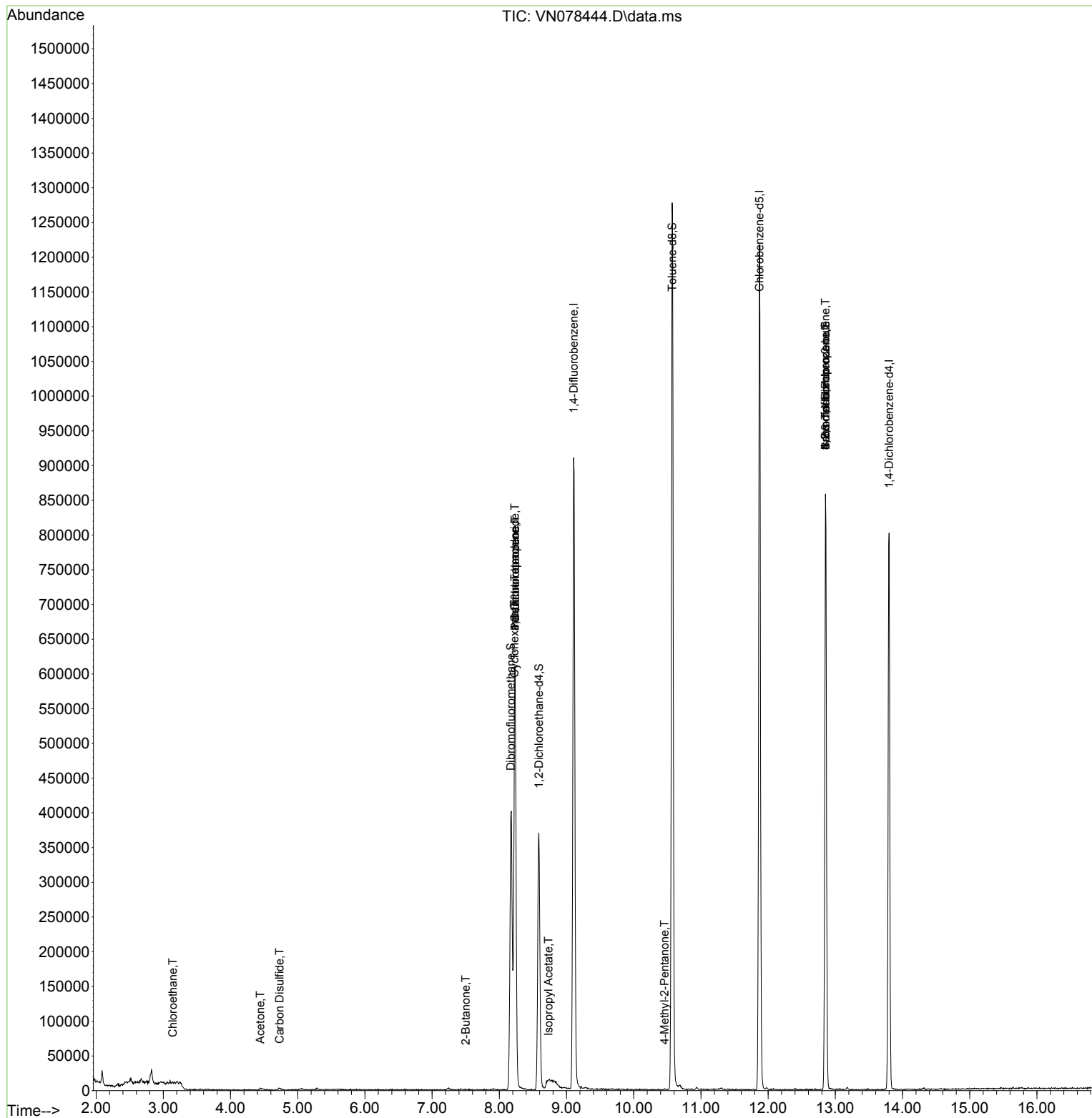
Internal Standards						
1) Pentafluorobenzene	8.236	168	444301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	812464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	733837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306199	51.689	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.380%	
35) Dibromofluoromethane	8.171	113	294547	57.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.680%	
50) Toluene-d8	10.571	98	934244	47.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.853	95	298322	48.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.920%	
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1499	Below Cal	#	76
6) Chloroethane	3.142	64	4490	1.002	ug/l #	86
16) Acetone	4.442	43	2231	1.308	ug/l #	62
17) Carbon Disulfide	4.730	76	3473	0.278	ug/l #	75
25) 2-Butanone	7.500	43	1561	0.595	ug/l #	37
31) Cyclohexane	8.224	56	10191	1.341	ug/l #	31
36) 1,1-Dichloropropene	8.236	75	37058	5.029	ug/l #	46
38) Carbon Tetrachloride	8.230	117	47910	6.158	ug/l #	16
43) Isopropyl Acetate	8.730	43	12257	1.113	ug/l #	51
51) 4-Methyl-2-Pentanone	10.459	43	1194	0.206	ug/l #	31
71) Bromoform	12.853	173	1611	0.432	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.906	83	54	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	158961	29.750	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	158961	91.401	ug/l #	15

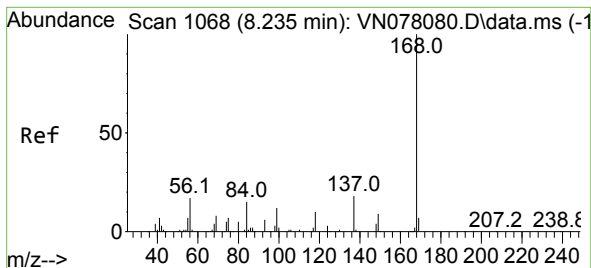
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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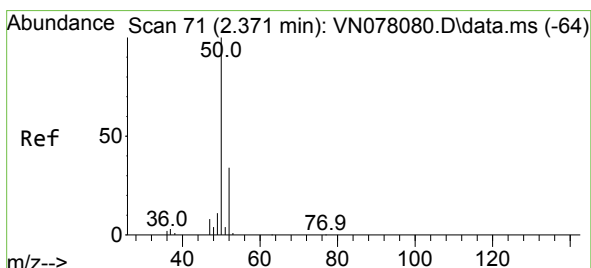
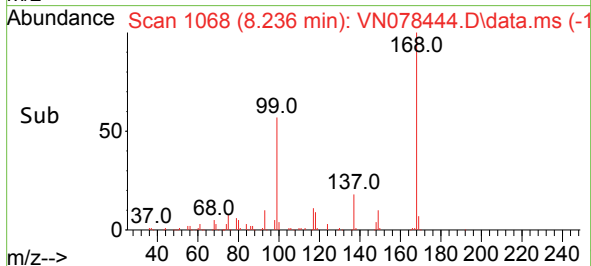
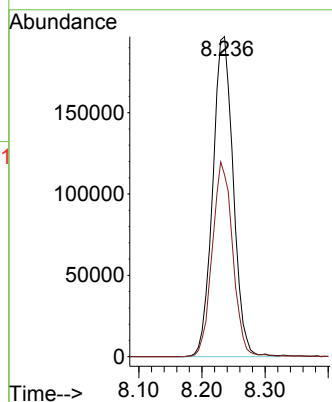
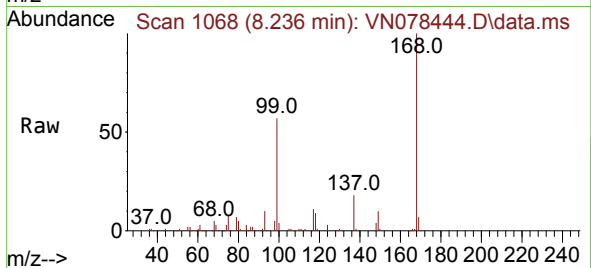




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

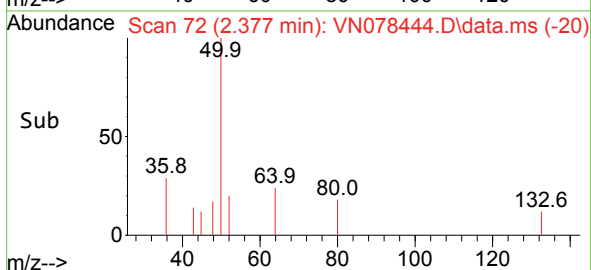
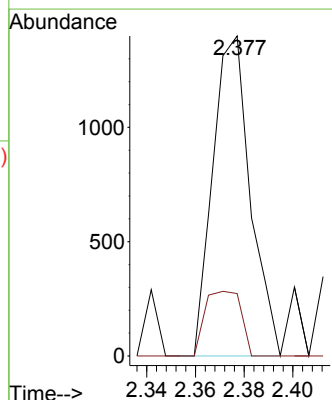
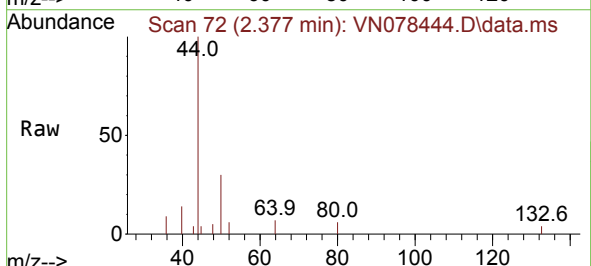
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

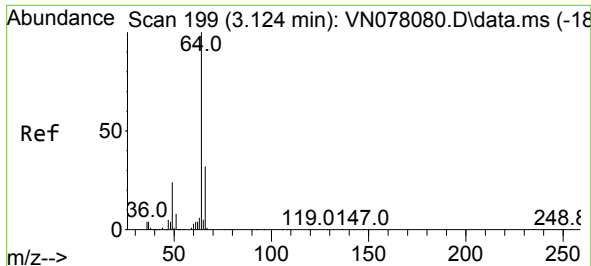
Tgt Ion:168 Resp: 444301
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 50 Resp: 1499
Ion Ratio Lower Upper
50 100
52 19.5 26.5 39.7#

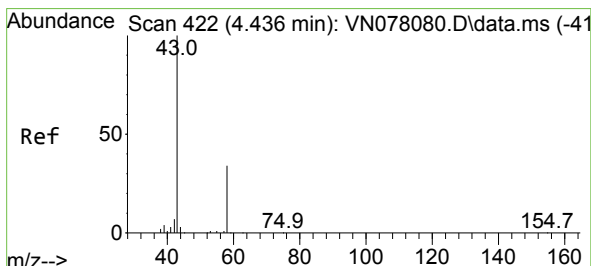
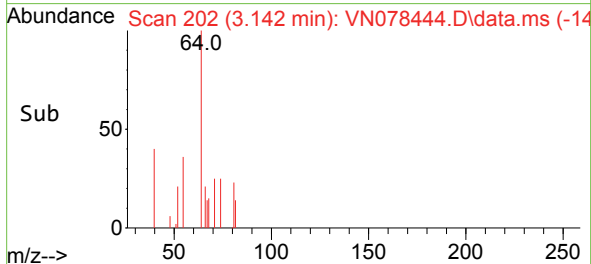
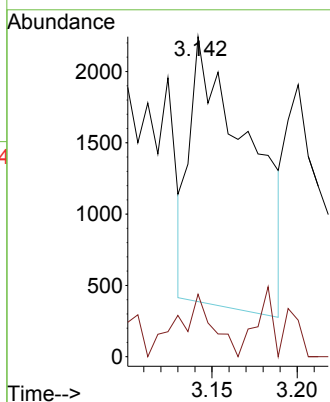
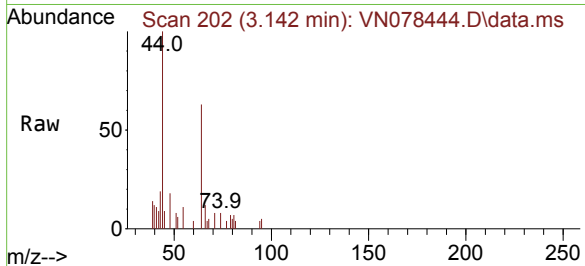




#6
Chloroethane
Concen: 1.002 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

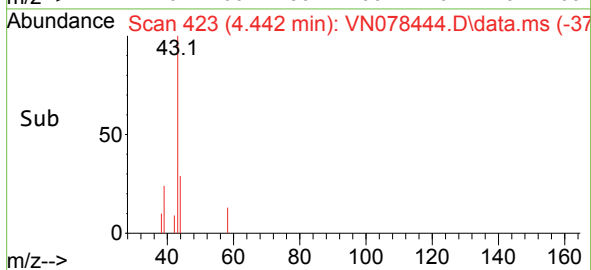
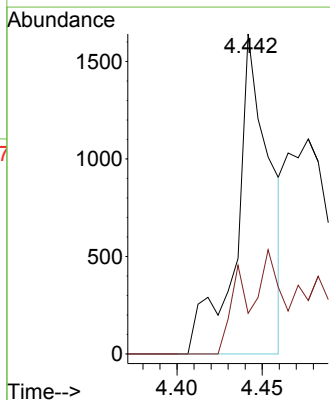
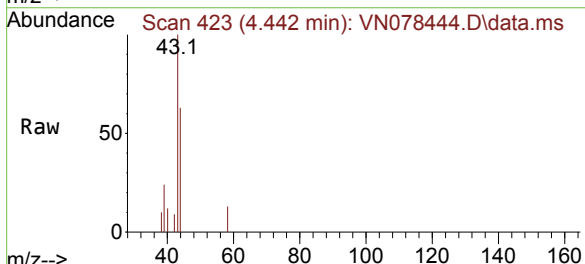
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

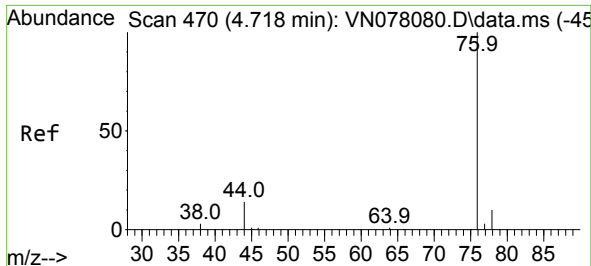
Tgt Ion: 64 Resp: 4490
Ion Ratio Lower Upper
64 100
66 39.6 25.4 38.2#



#16
Acetone
Concen: 1.308 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
58 12.7 28.0 42.0#

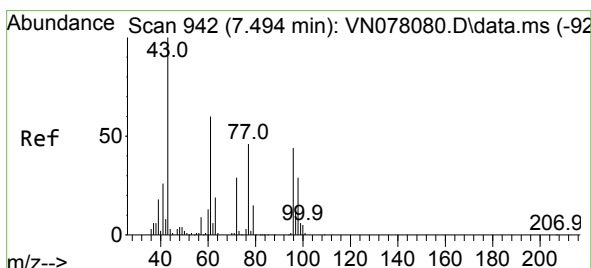
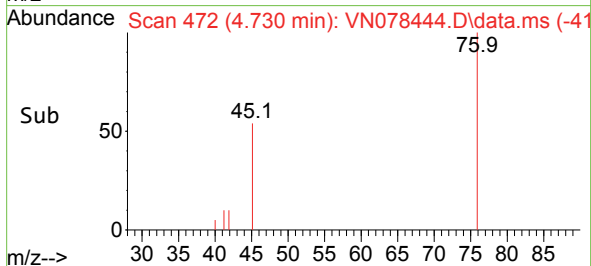
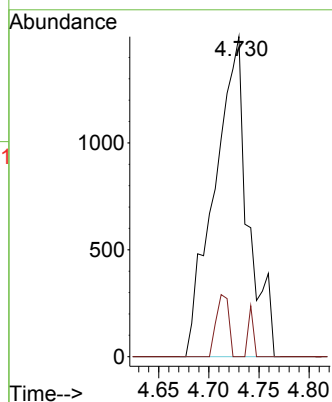
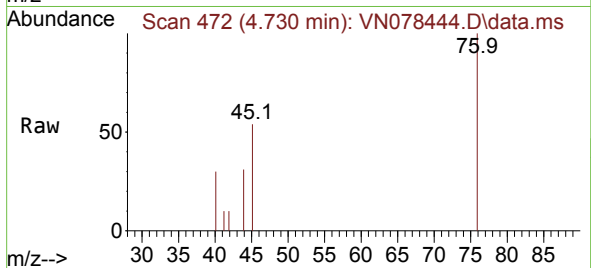




#17
Carbon Disulfide
Concen: 0.278 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

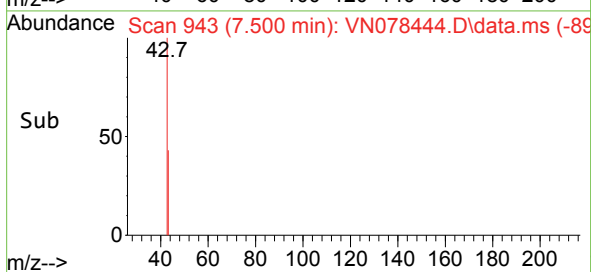
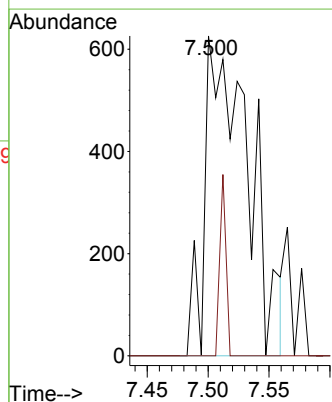
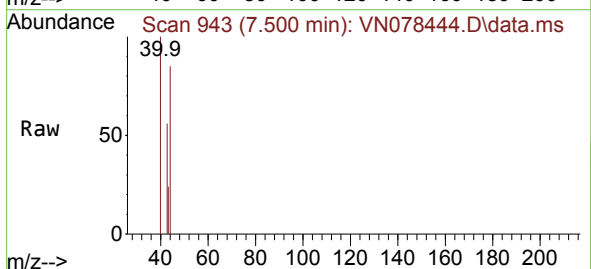
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

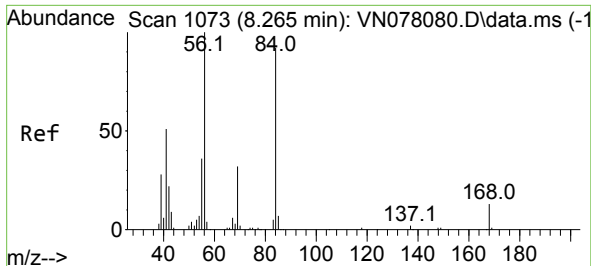
Tgt Ion: 76 Resp: 3473
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#25
2-Butanone
Concen: 0.595 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

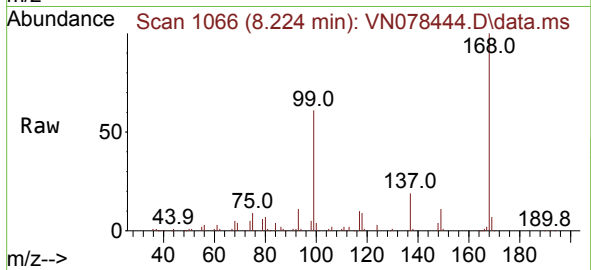
Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



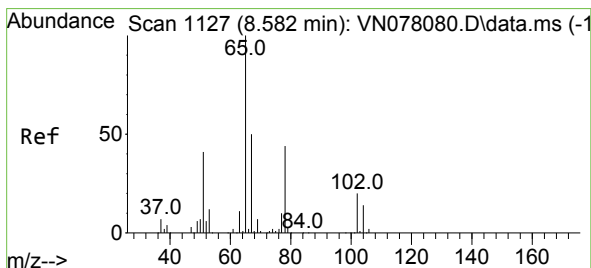
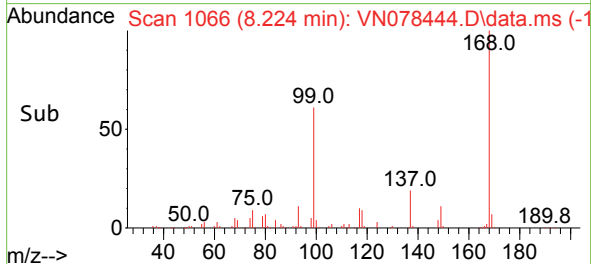
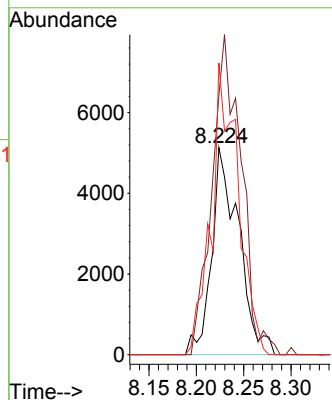


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

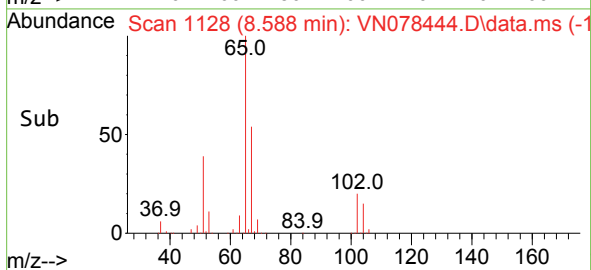
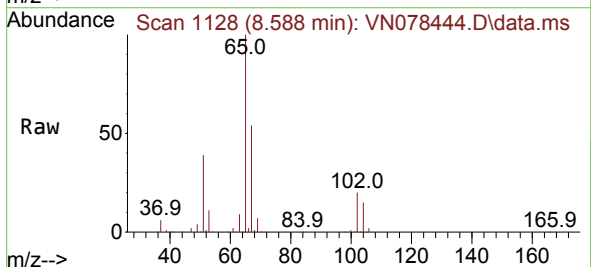
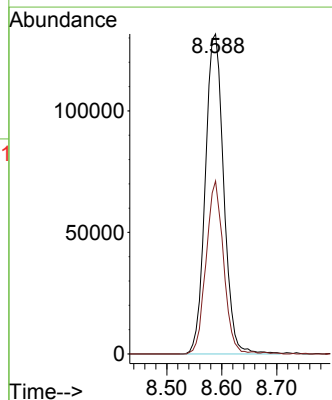


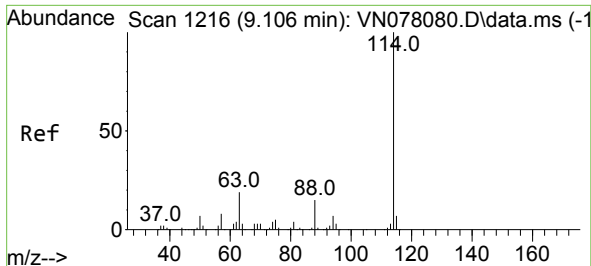
Tgt Ion: 56 Resp: 10191
Ion Ratio Lower Upper
56 100
69 125.4 26.8 40.2#
84 140.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.689 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 65 Resp: 306199
Ion Ratio Lower Upper
65 100
67 51.4 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: VN078444.D

Acq: 28 Jun 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-883-885RE

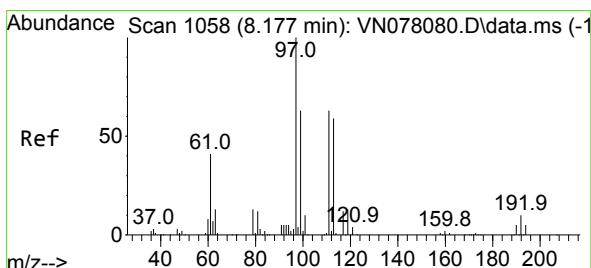
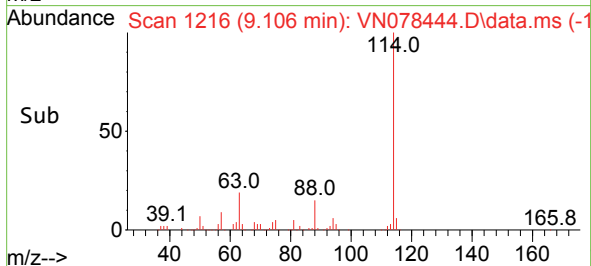
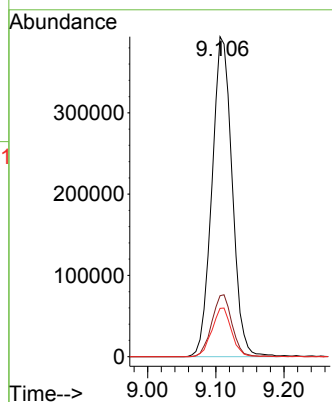
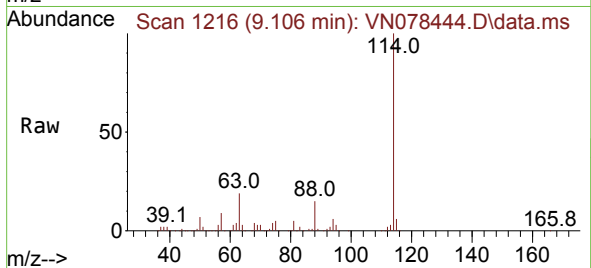
Tgt Ion:114 Resp: 812464

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.337 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078444.D

Acq: 28 Jun 2023 16:18

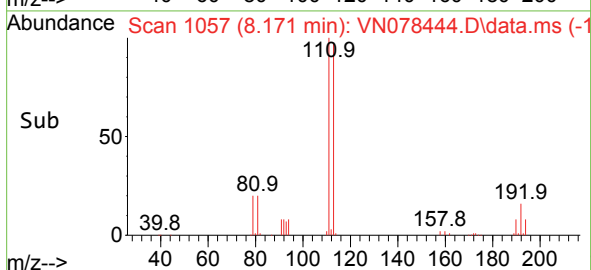
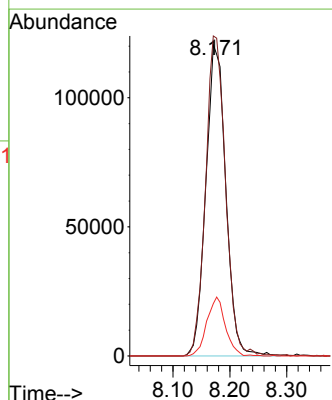
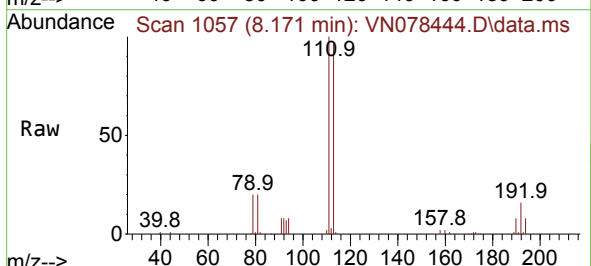
Tgt Ion:113 Resp: 294547

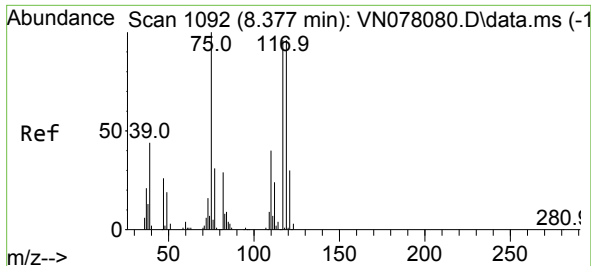
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.5 12.7 19.1

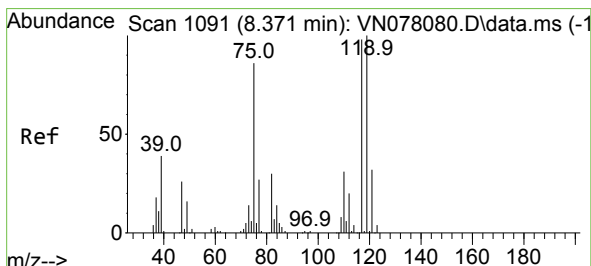
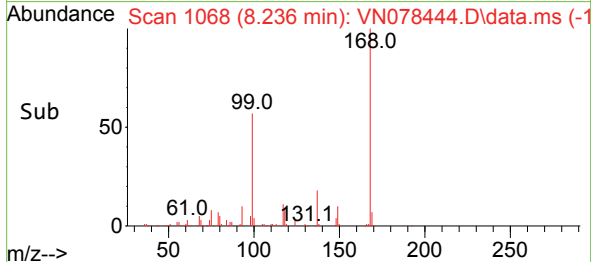
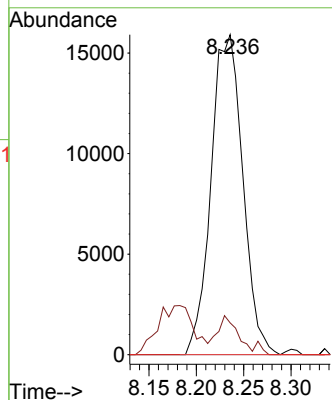
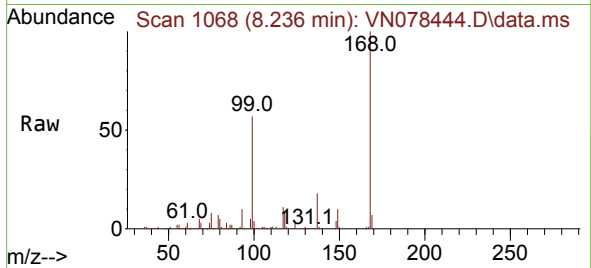




#36
1,1-Dichloropropene
Concen: 5.029 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

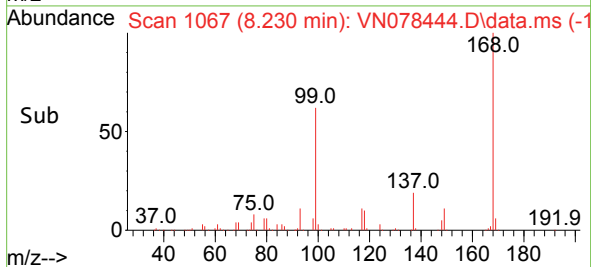
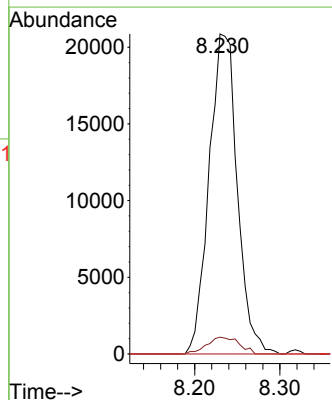
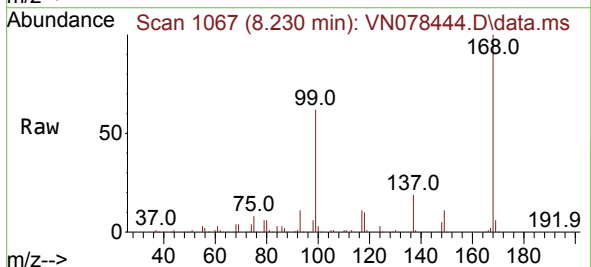
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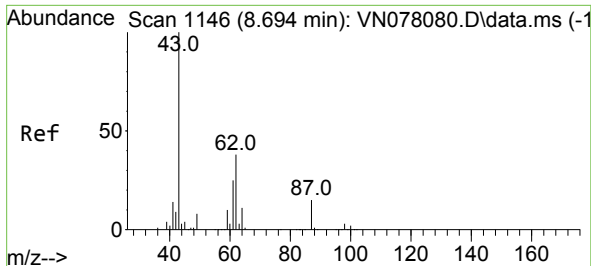
Tgt Ion: 75 Resp: 37058
Ion Ratio Lower Upper
75 100
110 6.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.158 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

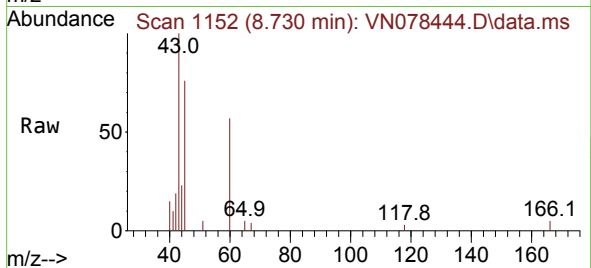
Tgt Ion: 117 Resp: 47910
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#



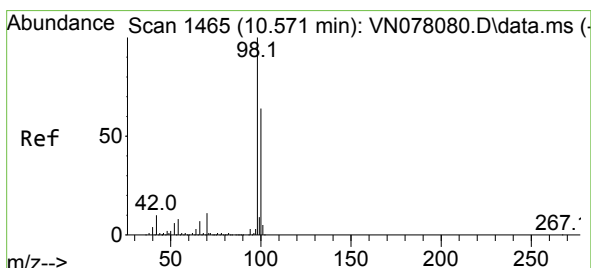
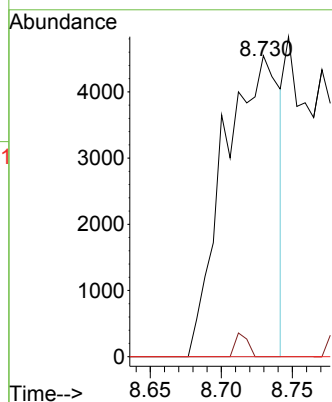
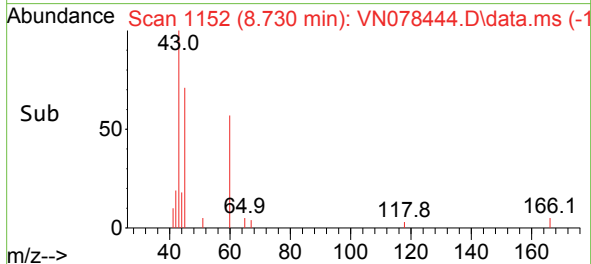


#43
Isopropyl Acetate
Concen: 1.113 ug/l
RT: 8.730 min Scan# 1146
Delta R.T. 0.035 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

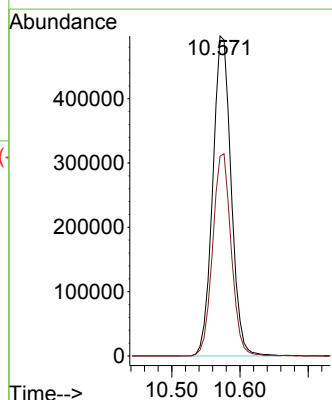
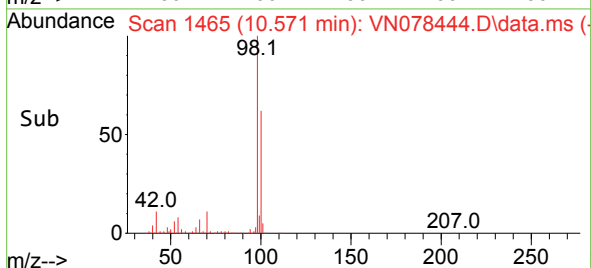
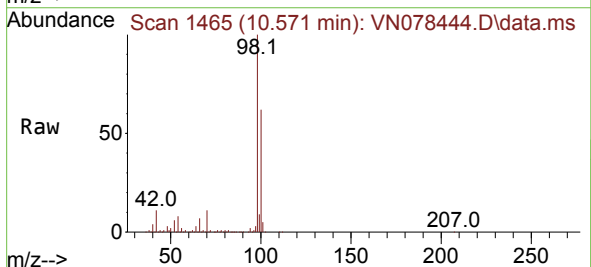


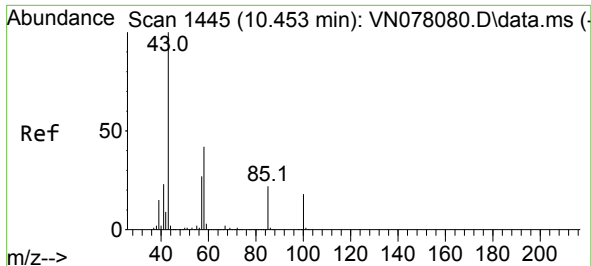
Tgt Ion: 43 Resp: 12257
Ion Ratio Lower Upper
43 100
61 1.8 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 98 Resp: 934244
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

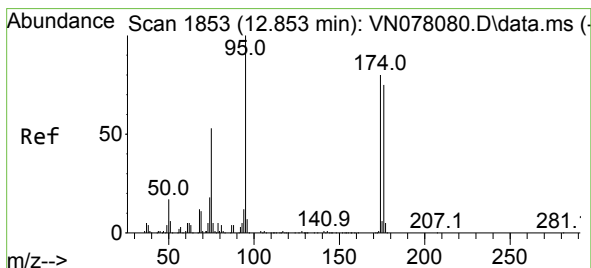
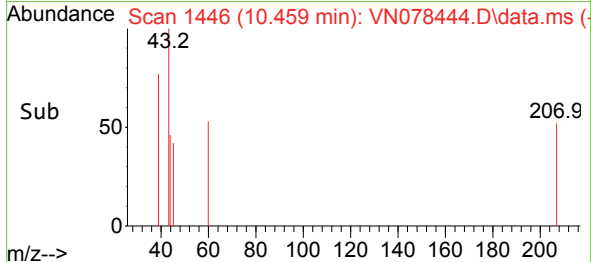
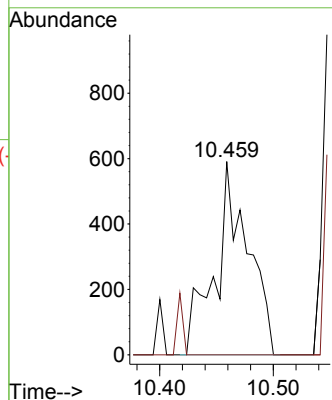
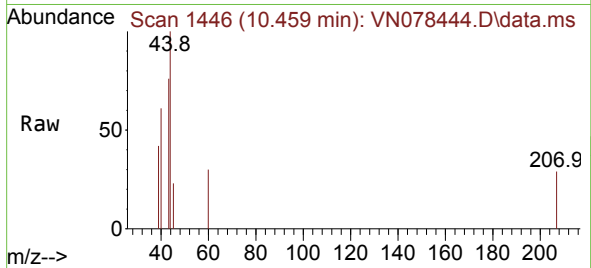




#51
4-Methyl-2-Pentanone
Concen: 0.206 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

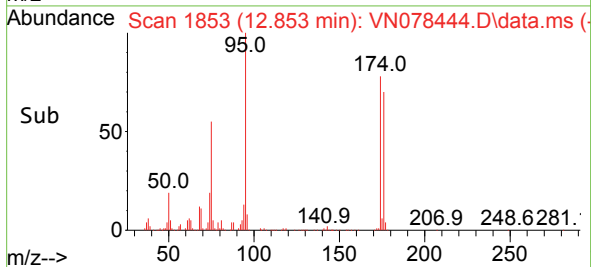
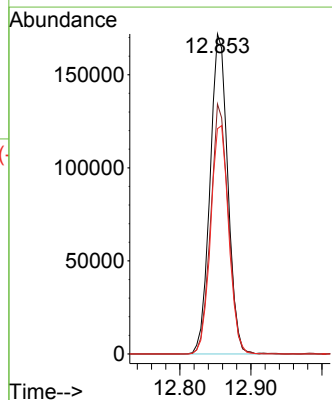
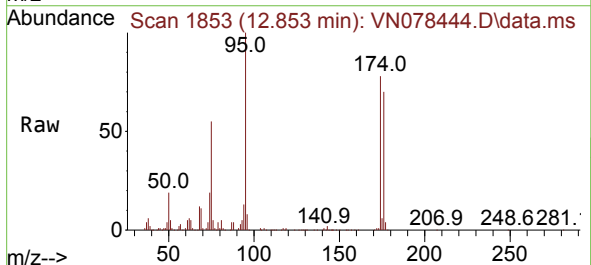
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-883-885RE

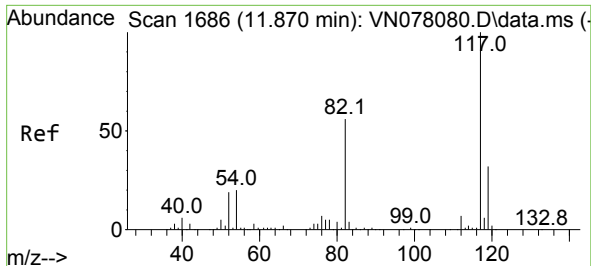
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.456 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 95 Resp: 298322
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 72.8 0.0 135.8

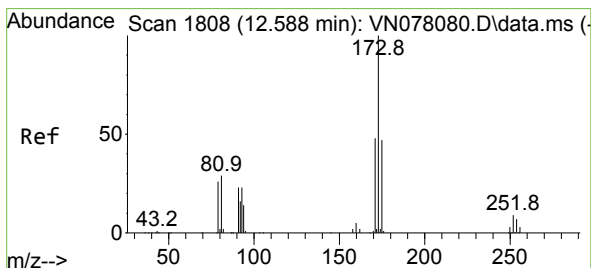
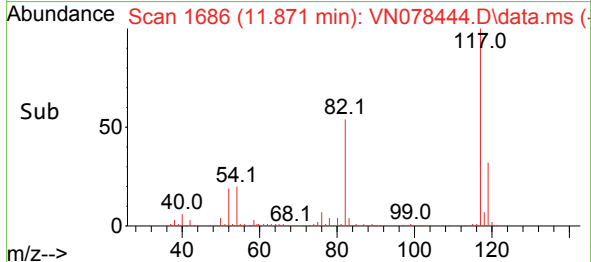
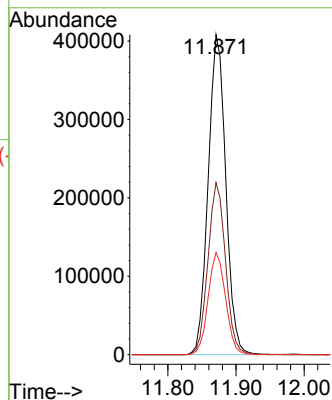
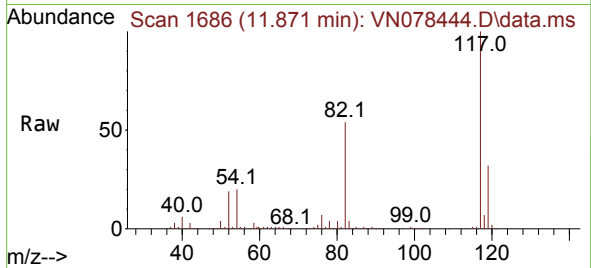




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

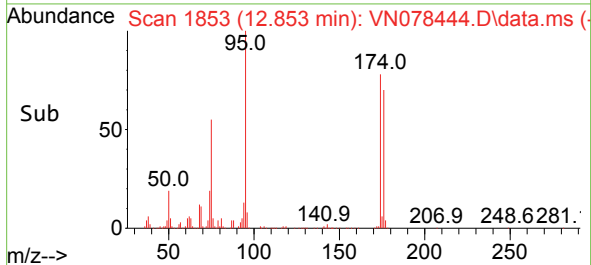
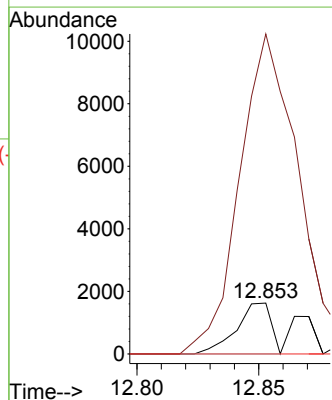
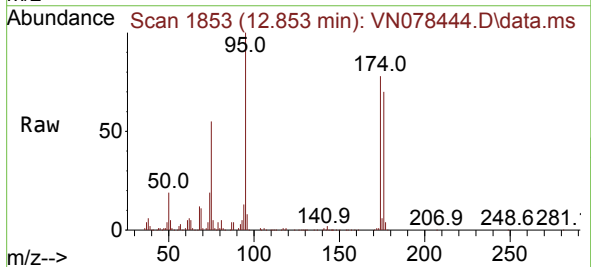
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

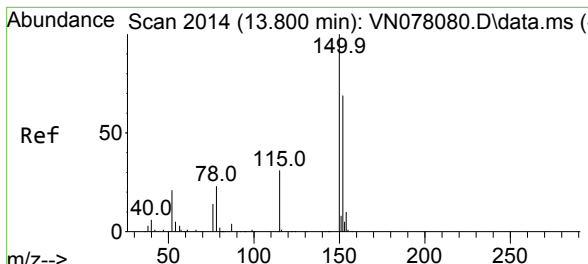
Tgt Ion:117 Resp: 733837
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.0 25.6 38.4



#71
Bromoform
Concen: 0.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.265 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion:173 Resp: 1611
Ion Ratio Lower Upper
173 100
175 921.3 24.3 73.0#
254 0.0 0.0 0.0

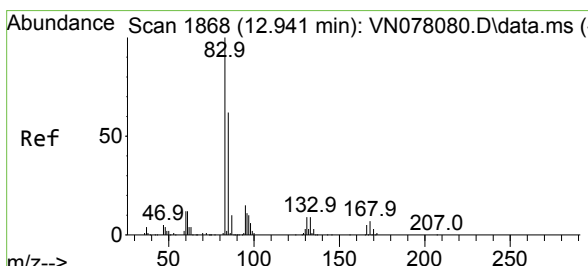
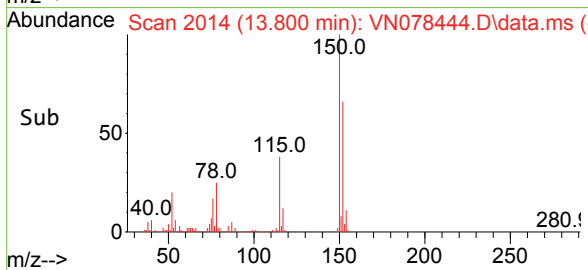
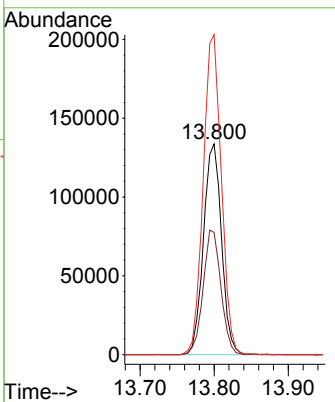
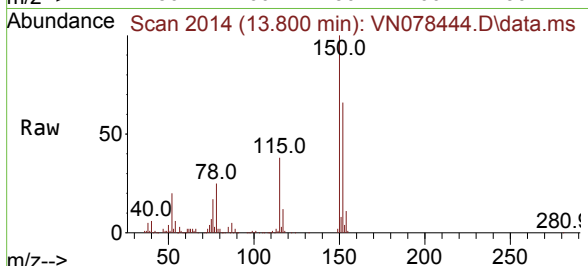




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VN078444.D
 Acq: 28 Jun 2023 16:18

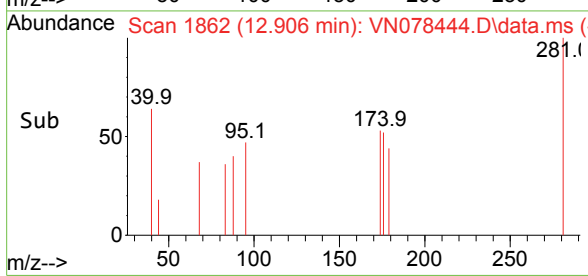
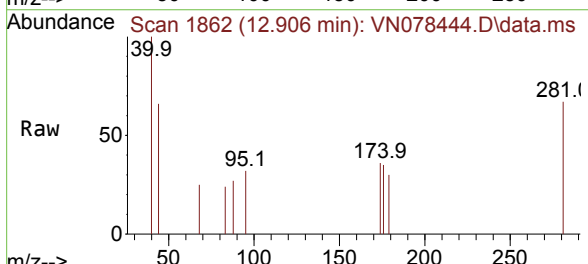
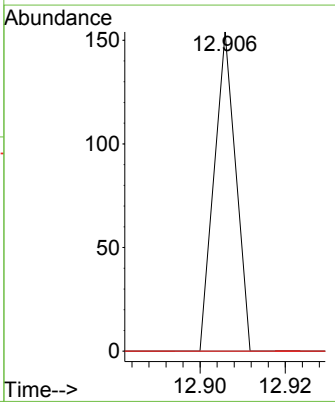
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-RW11-GW-883-885RE

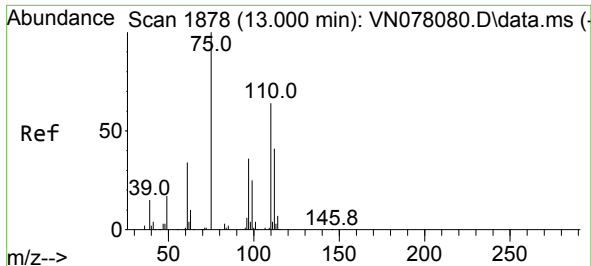
Tgt Ion:	152	Resp:	226023
Ion Ratio	Lower	Upper	
152	100		
115	58.3	32.3	96.8
150	152.3	0.0	355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.906 min Scan# 1862
 Delta R.T. -0.035 min
 Lab File: VN078444.D
 Acq: 28 Jun 2023 16:18

Tgt Ion:	83	Resp:	54
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.0	15.0#
85	0.0	31.9	95.7#

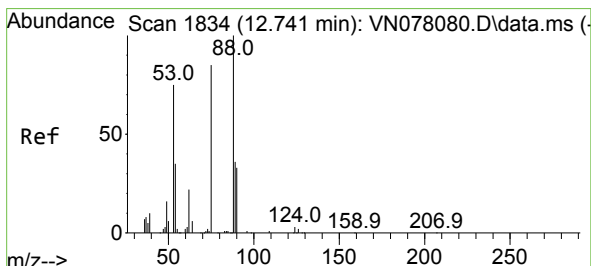
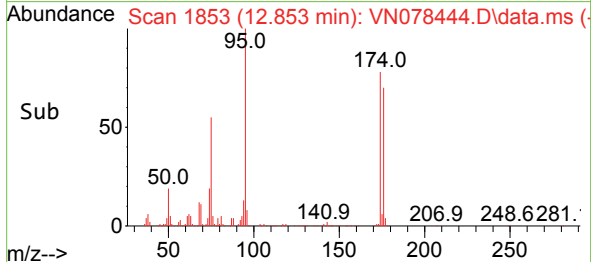
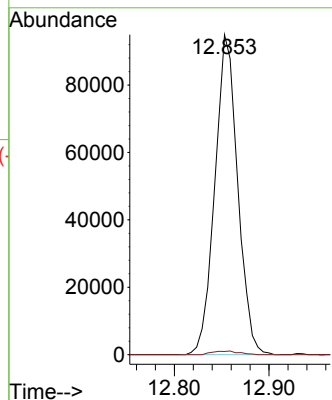
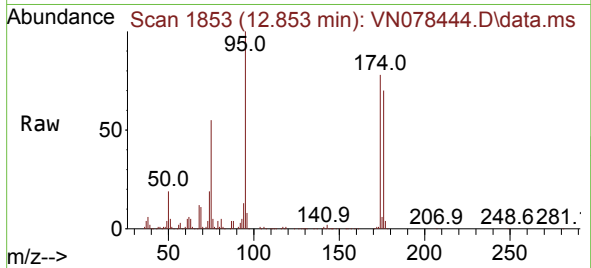




#76
1,2,3-Trichloropropane
Concen: 29.750 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-883-885RE

Tgt Ion: 75 Resp: 158961
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.401 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078444.D
Acq: 28 Jun 2023 16:18

Tgt Ion: 75 Resp: 158961
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

