

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082589.D
 Acq On : 14 Jun 2024 17:41
 Operator : JC\MD
 Sample : P2890-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-358-360

Quant Time: Jun 14 23:48:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

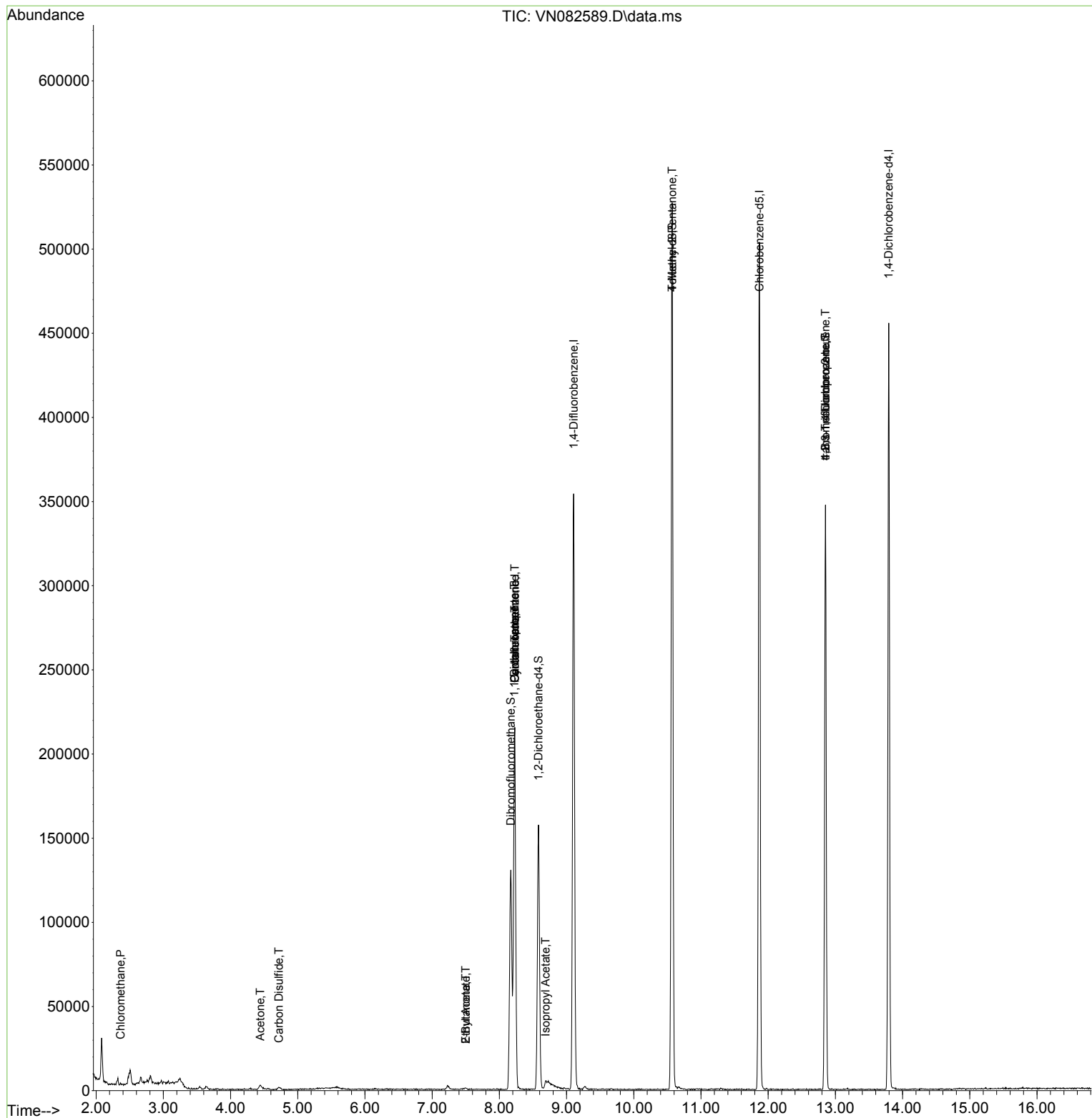
Internal Standards						
1) Pentafluorobenzene	8.229	168	145892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	269502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127028	55.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.280%			
35) Dibromofluoromethane	8.171	113	93565	55.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.320%			
50) Toluene-d8	10.570	98	336226	51.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.853	95	108813	46.875	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.740%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	676	0.284	ug/l #	43
16) Acetone	4.441	43	4634	4.904	ug/l #	83
17) Carbon Disulfide	4.718	76	1546	0.300	ug/l #	74
25) 2-Butanone	7.500	43	1501	1.048	ug/l #	43
31) Cyclohexane	8.229	56	4522	1.229	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	13639	4.794	ug/l #	48
37) Ethyl Acetate	7.500	43	1501	0.471	ug/l #	68
38) Carbon Tetrachloride	8.229	117	16635	5.768	ug/l #	17
43) Isopropyl Acetate	8.688	43	3116	0.552	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	2067	0.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64219	27.543	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64219	64.421	ug/l #	12

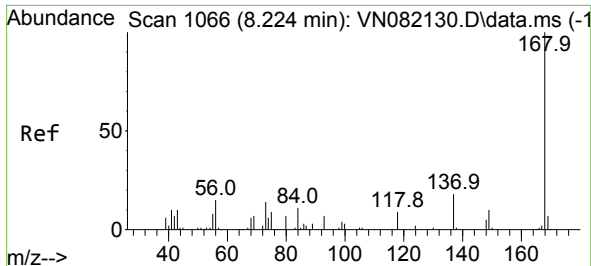
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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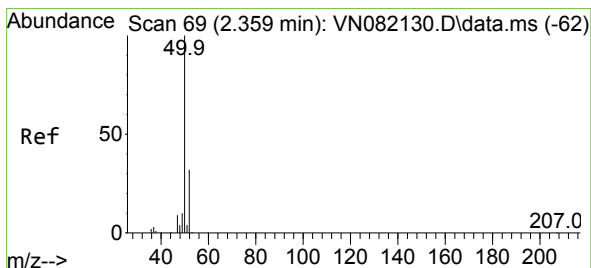
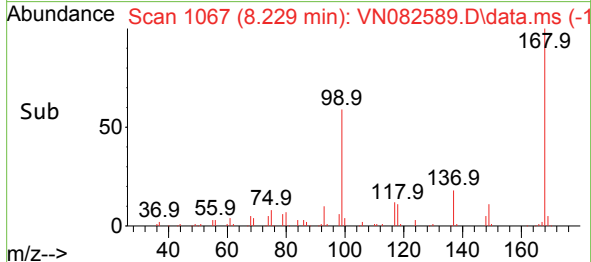
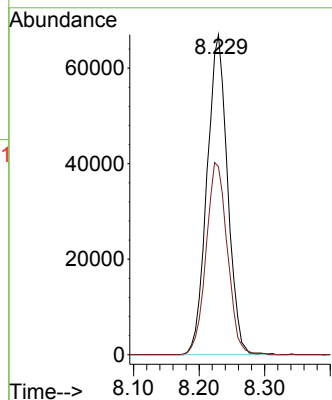
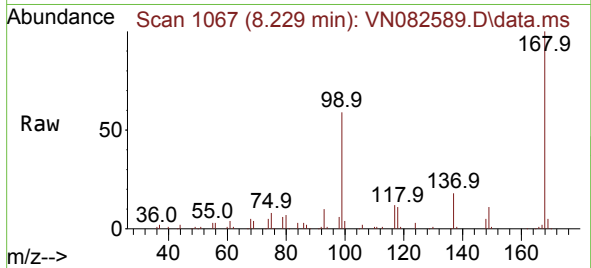




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

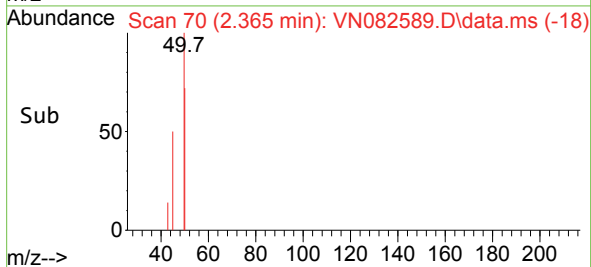
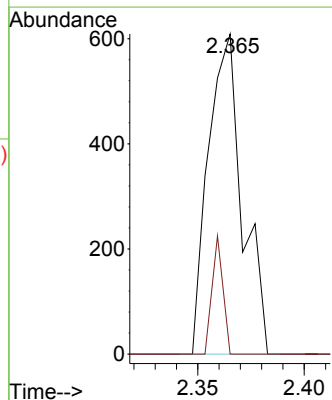
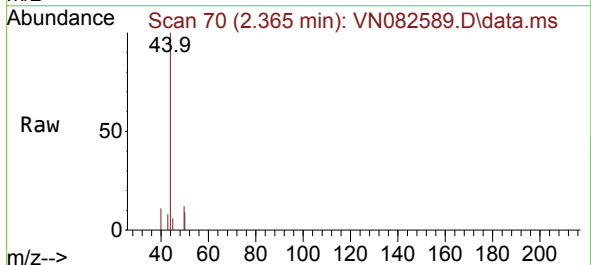
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

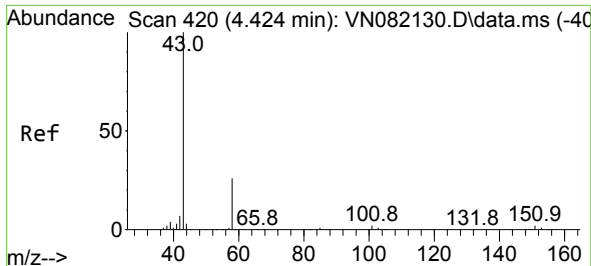
Tgt Ion:168 Resp: 145892
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#3
Chloromethane
Concen: 0.284 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

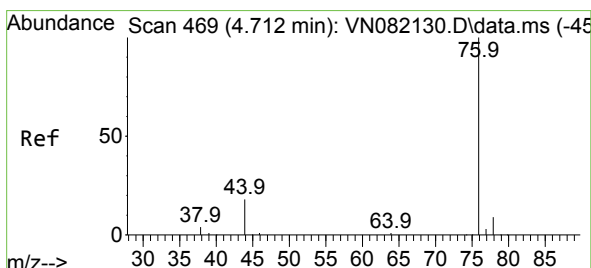
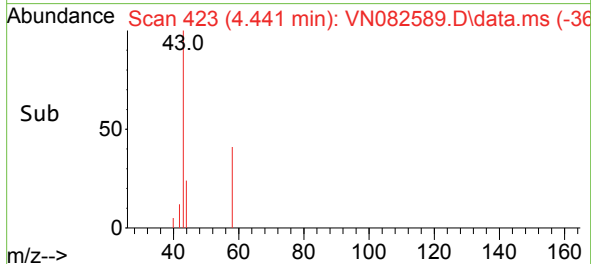
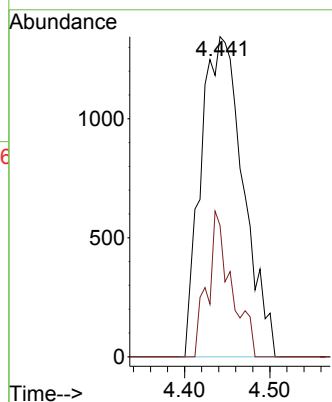
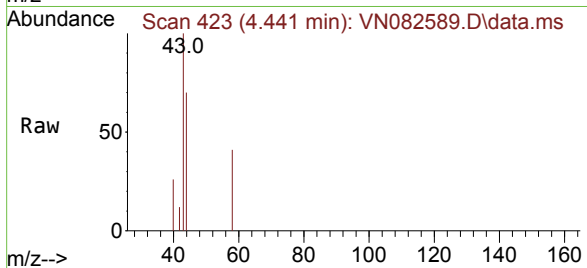




#16
Acetone
Concen: 4.904 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

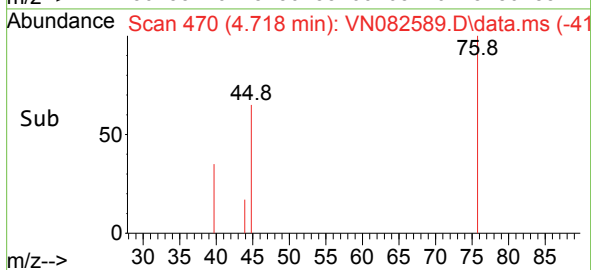
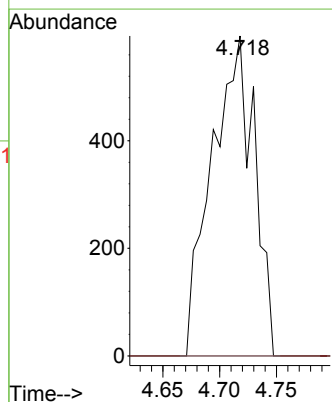
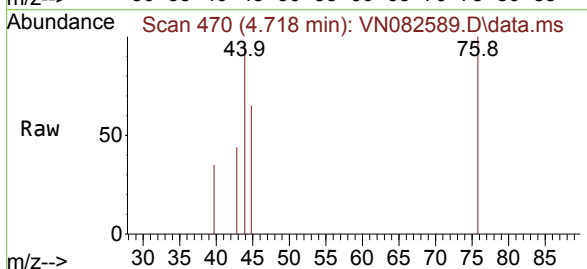
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

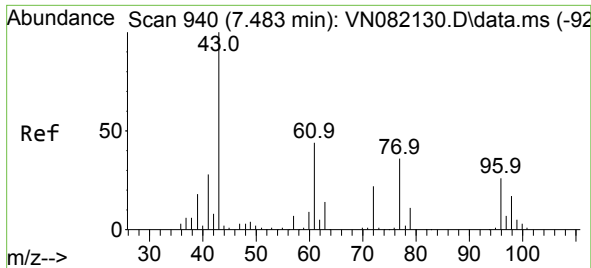
Tgt Ion: 43 Resp: 4634
Ion Ratio Lower Upper
43 100
58 41.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 76 Resp: 1546
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

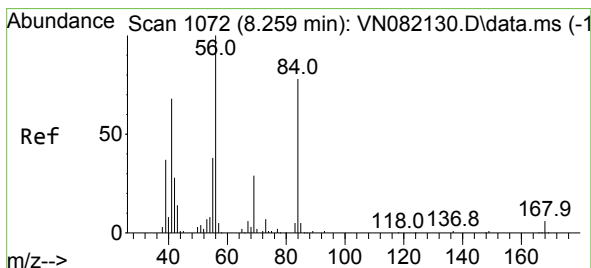
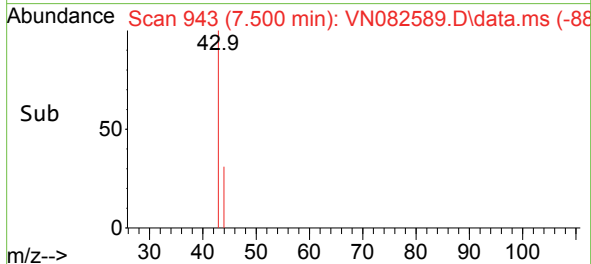
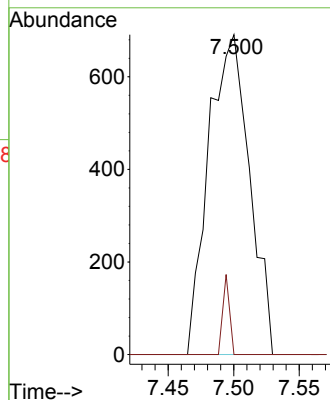
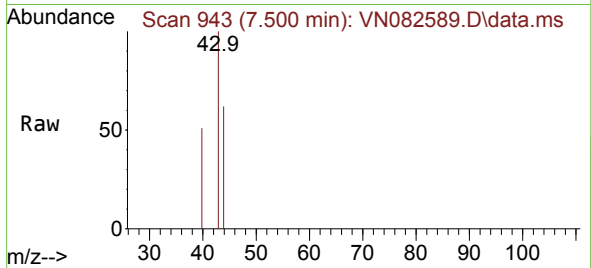




#25
2-Butanone
Concen: 1.048 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

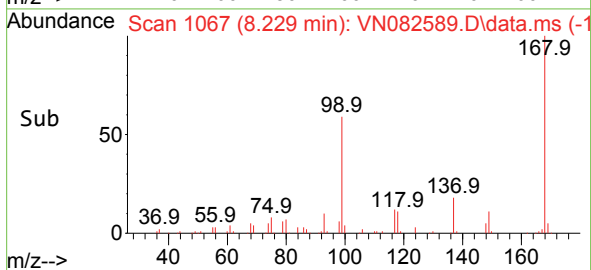
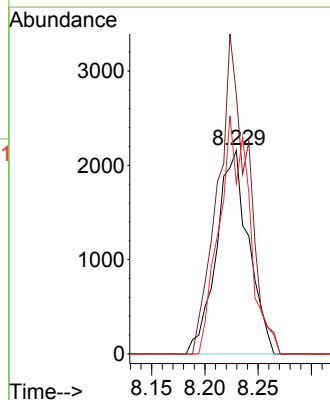
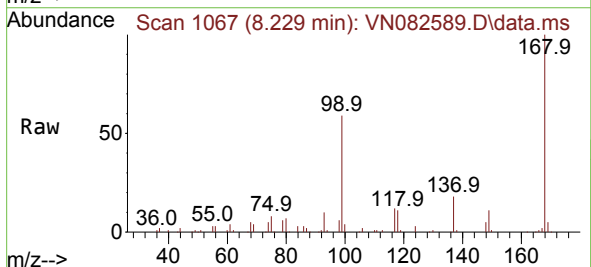
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

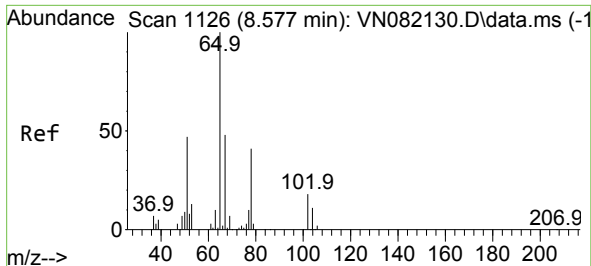
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 56 Resp: 4522
Ion Ratio Lower Upper
56 100
69 127.2 24.4 36.6#
84 83.8 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 55.142 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082589.D

Acq: 14 Jun 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

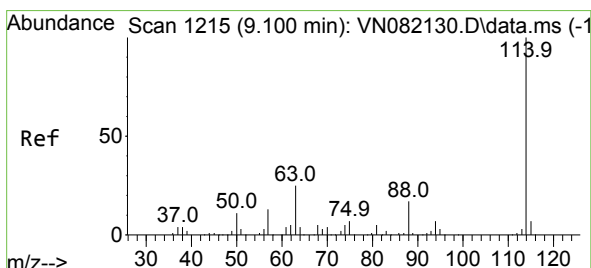
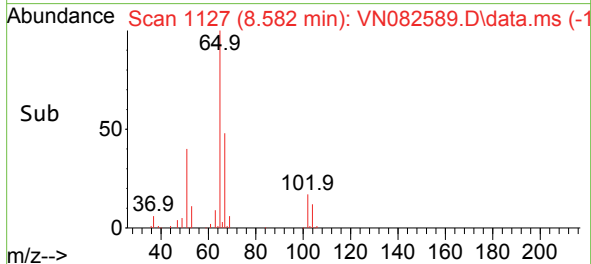
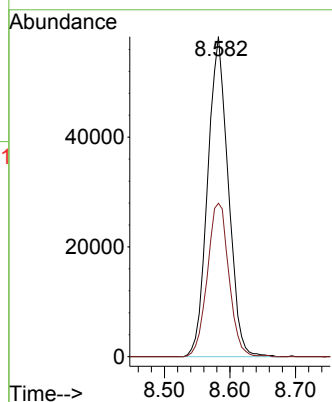
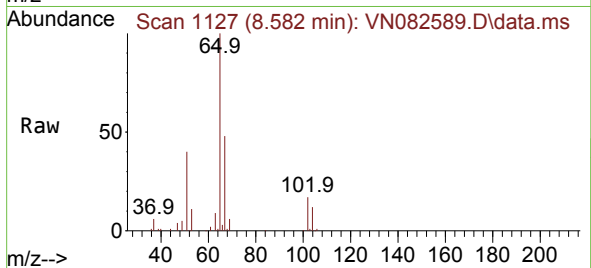
BP-VPB-189-GW-358-360

Tgt Ion: 65 Resp: 127028

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082589.D

Acq: 14 Jun 2024 17:41

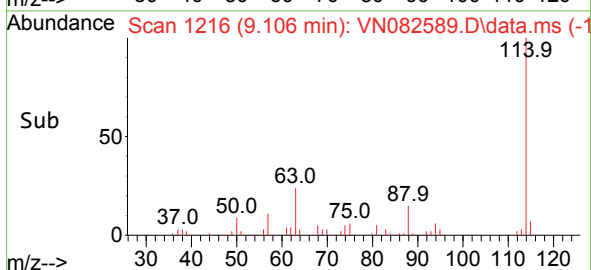
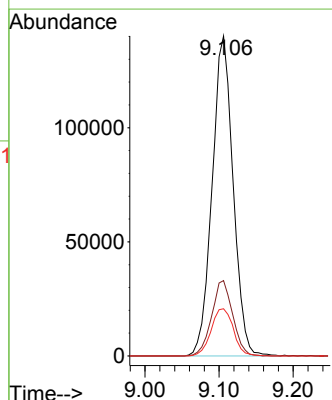
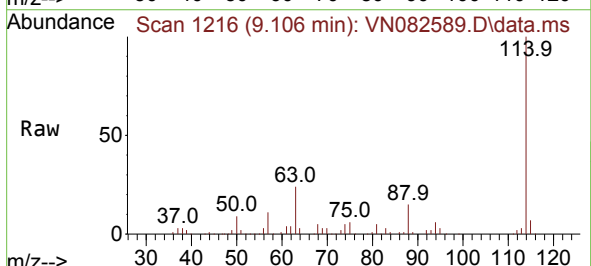
Tgt Ion: 114 Resp: 275766

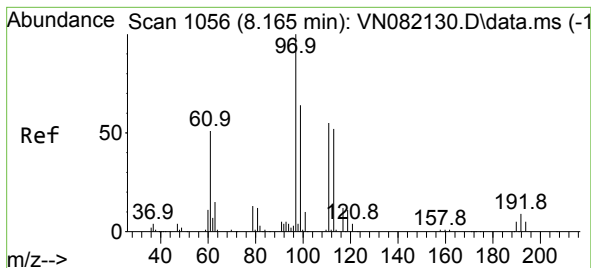
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.155 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082589.D

Acq: 14 Jun 2024 17:41

Instrument :

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ClientSampleId :

BP-VPB-189-GW-358-360

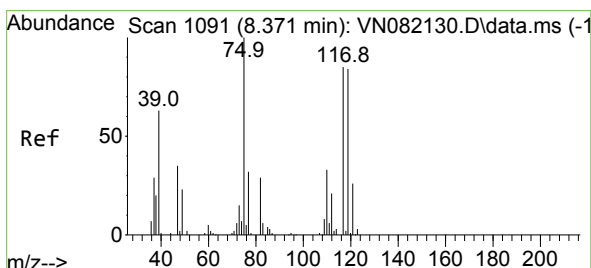
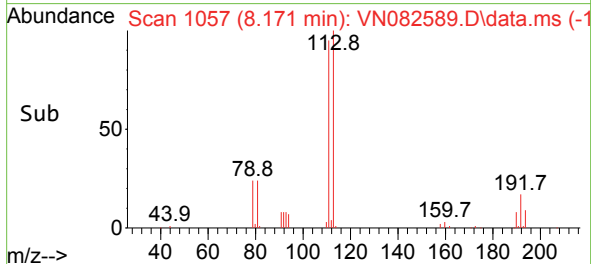
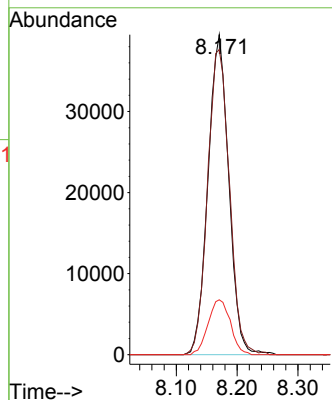
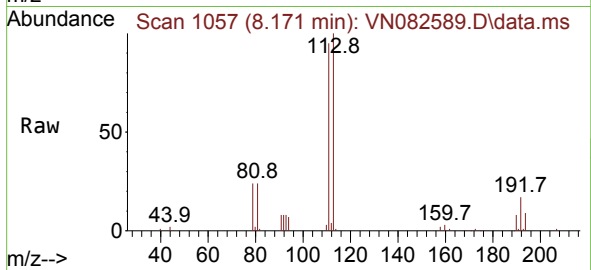
Tgt Ion:113 Resp: 93565

Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

192 18.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.794 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082589.D

Acq: 14 Jun 2024 17:41

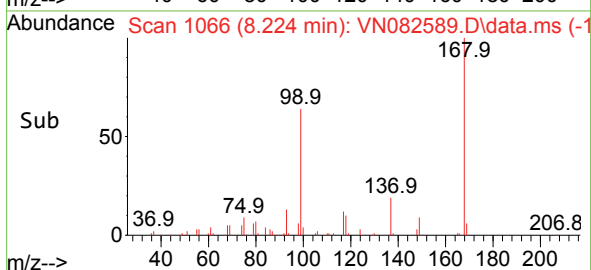
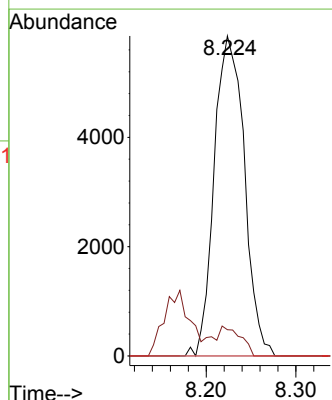
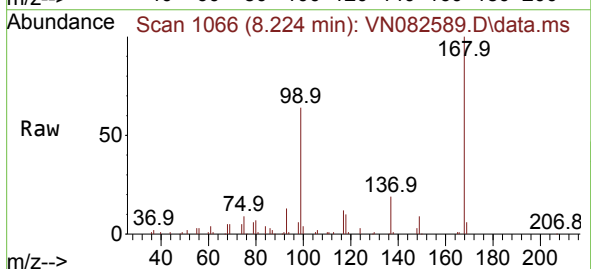
Tgt Ion: 75 Resp: 13639

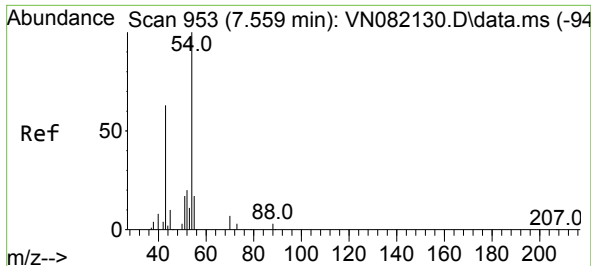
Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

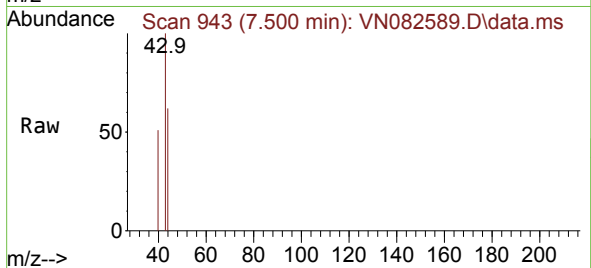
77 0.0 25.0 37.4#



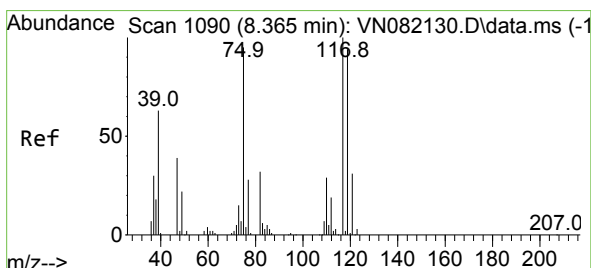
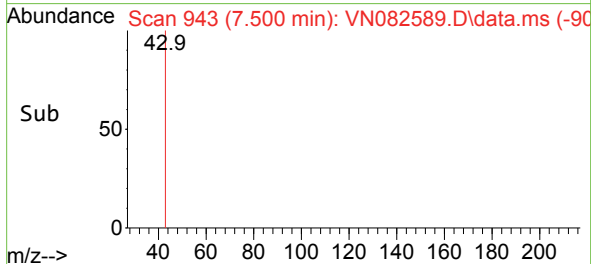
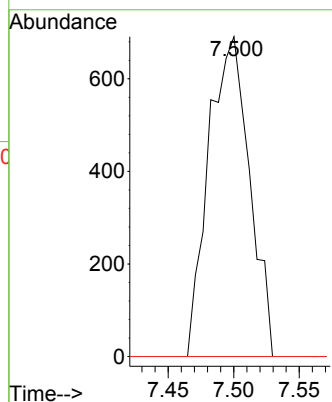


#37
Ethyl Acetate
Concen: 0.471 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

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BP-VPB-189-GW-358-360

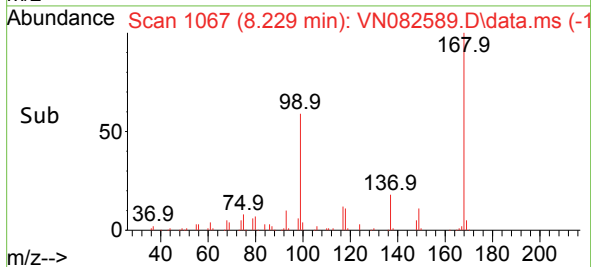
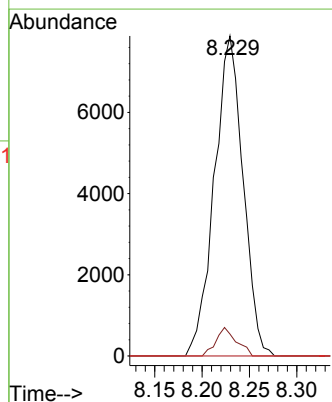
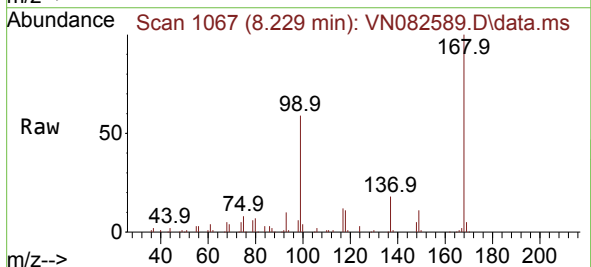


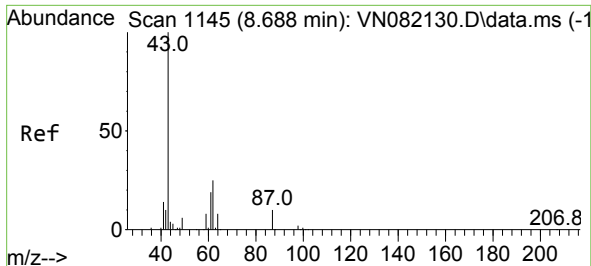
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 117 Resp: 16635
Ion Ratio Lower Upper
117 100
119 6.8 76.5 114.7#
121 0.0 23.9 35.9#

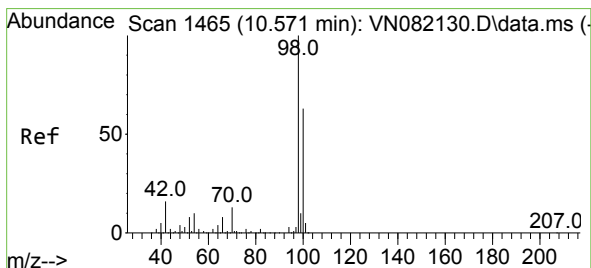
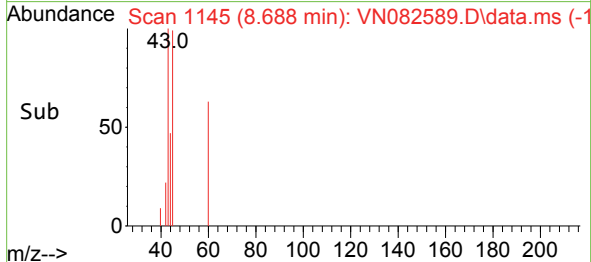
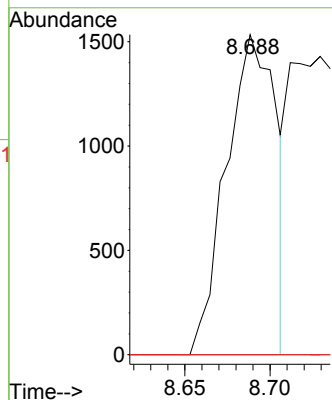
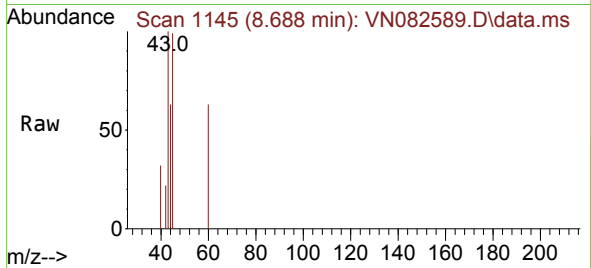




#43
Isopropyl Acetate
Concen: 0.552 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

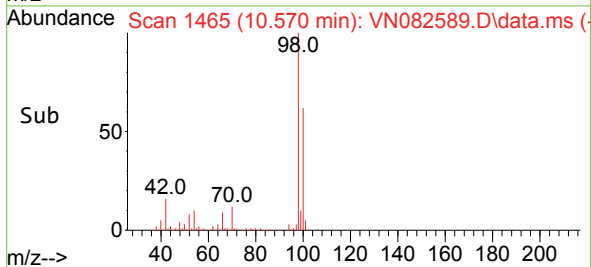
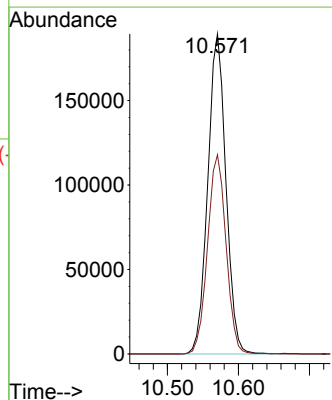
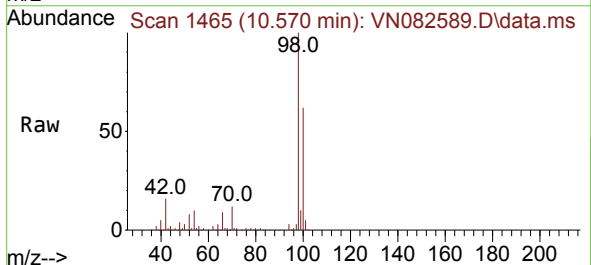
Instrument :
MSVOA_N
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BP-VPB-189-GW-358-360

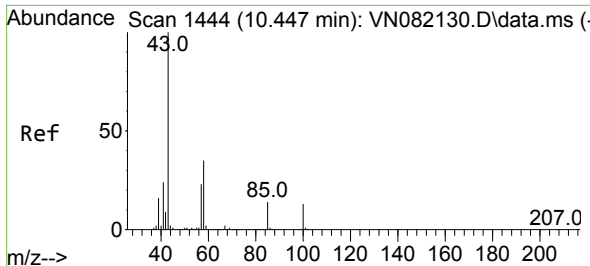
Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.697 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 98 Resp: 336226
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6

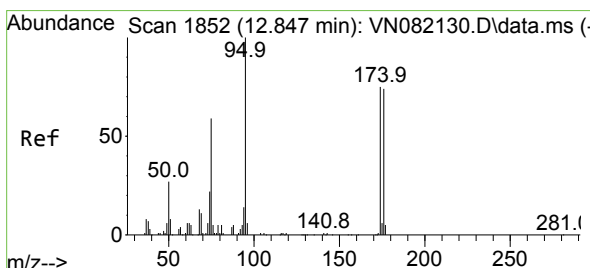
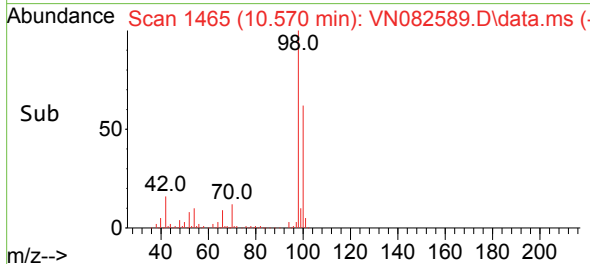
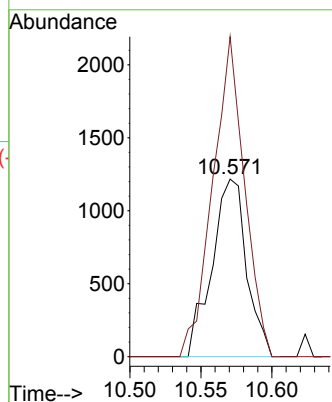
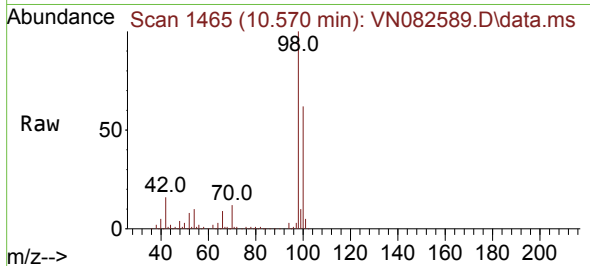




#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

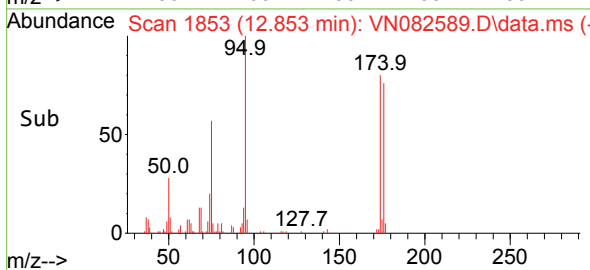
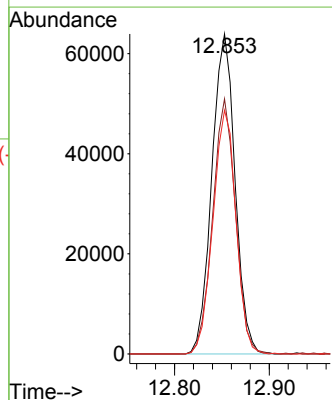
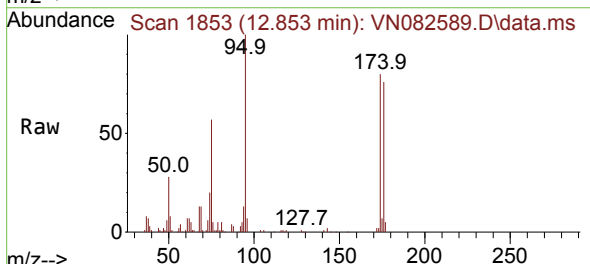
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

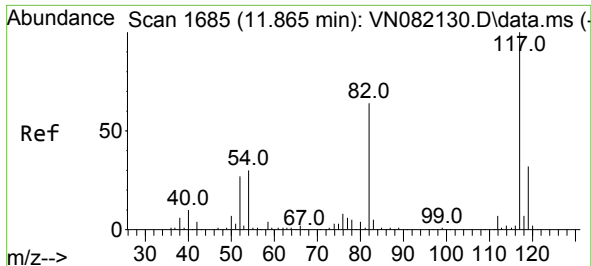
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 165.1 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 95 Resp: 108813
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.6
176 75.6 0.0 152.8

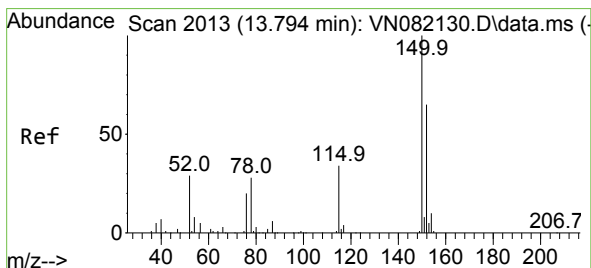
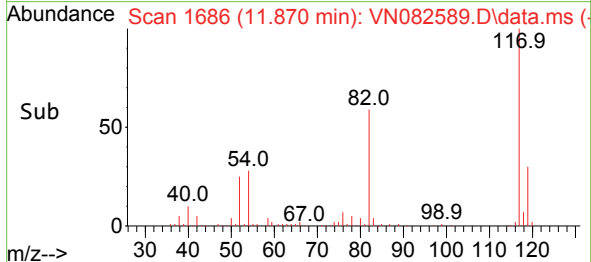
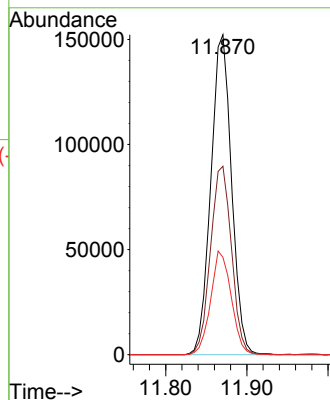
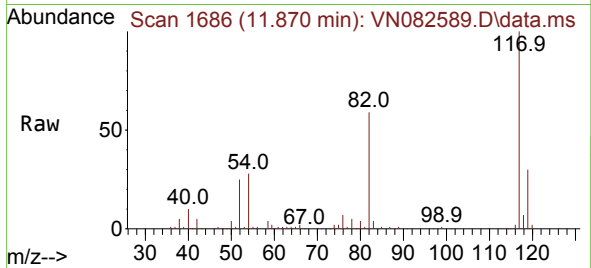




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

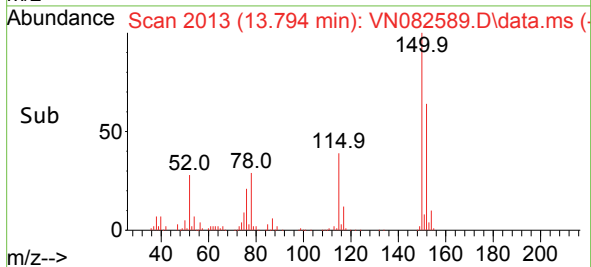
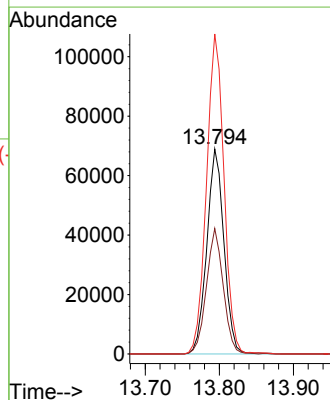
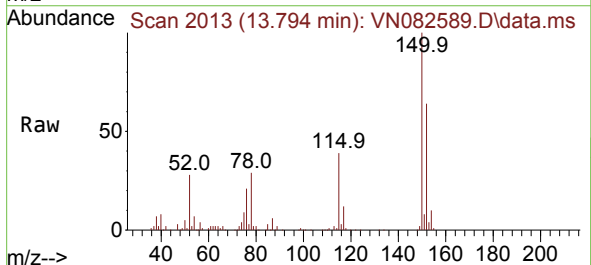
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

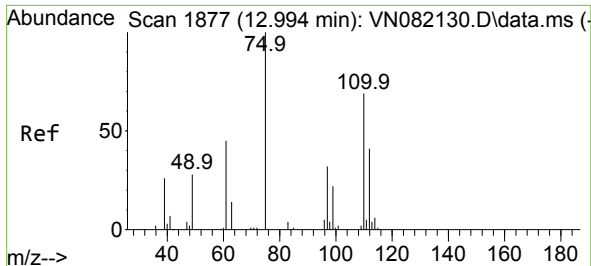
Tgt Ion:117 Resp: 269502
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 30.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion:152 Resp: 110778
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 159.1 0.0 353.2

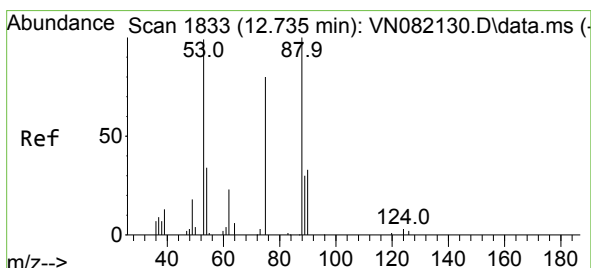
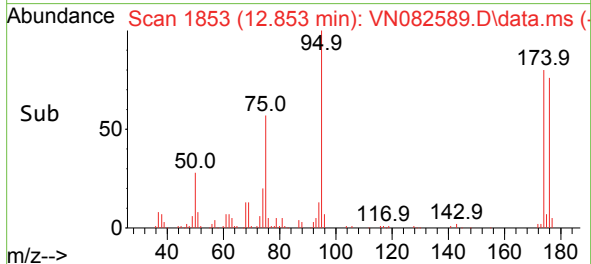
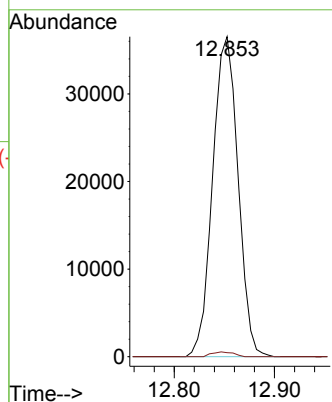
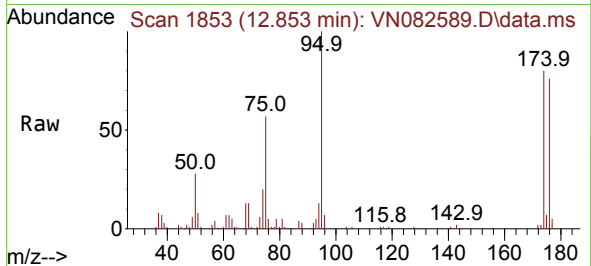




#76
1,2,3-Trichloropropane
Concen: 27.543 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-358-360

Tgt Ion: 75 Resp: 64219
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.421 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.117 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

Tgt Ion: 75 Resp: 64219
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

