

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082939.D
 Acq On : 16 Jul 2024 16:45
 Operator : JC\MD
 Sample : P3256-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-858-860

Quant Time: Jul 17 00:57:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

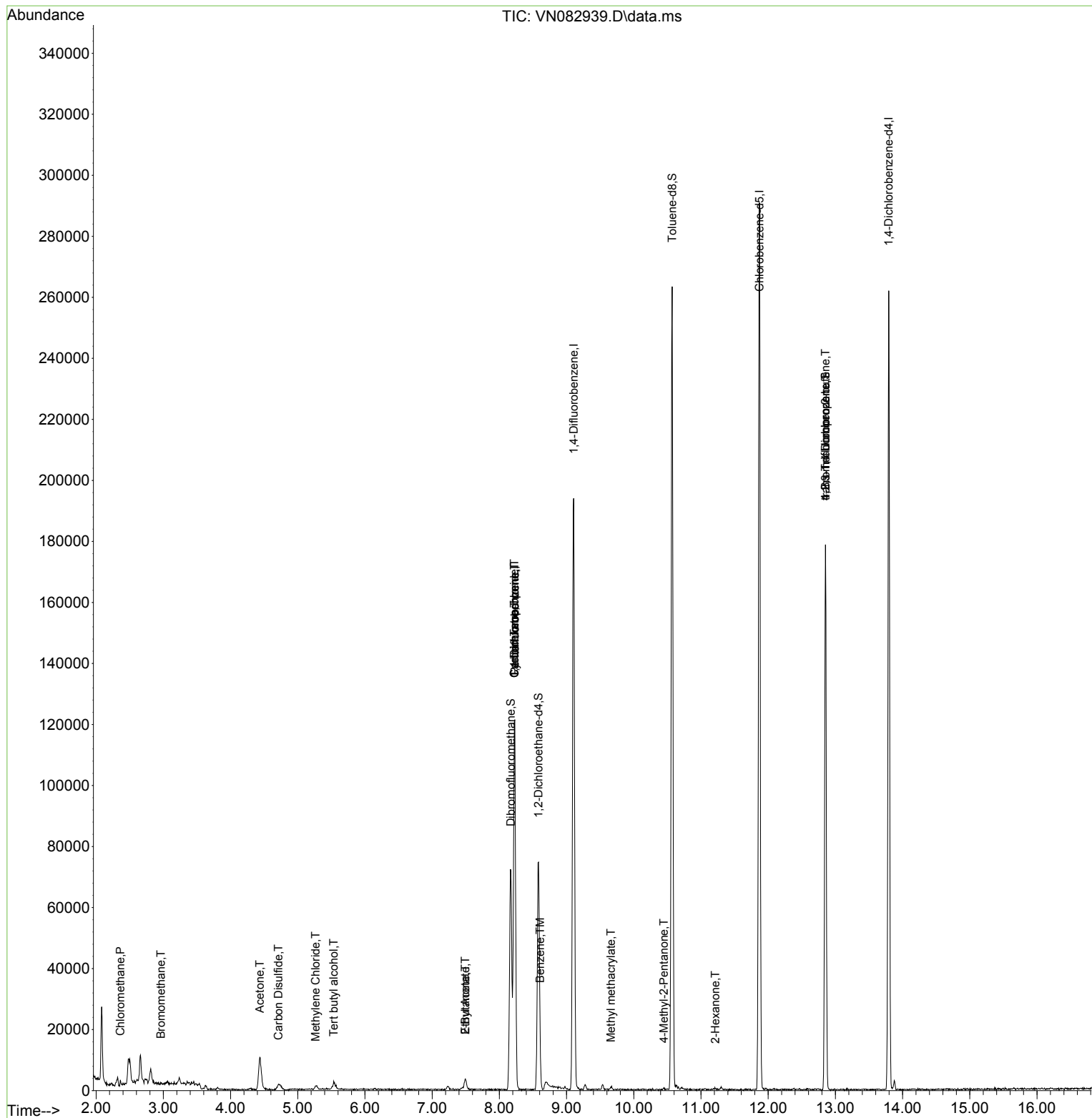
Internal Standards						
1) Pentafluorobenzene	8.229	168	85114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	164743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	165095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	61951	51.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.171	113	52057	49.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.570	98	175806	45.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.060%			
62) 4-Bromofluorobenzene	12.853	95	56740	40.456	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 80.920%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1052	1.007	ug/l	94
5) Bromomethane	2.965	94	238	0.301	ug/l #	70
11) Tert butyl alcohol	5.536	59	3783	18.851	ug/l #	82
16) Acetone	4.436	43	20269	48.252	ug/l	93
17) Carbon Disulfide	4.712	76	2596	1.000	ug/l #	75
20) Methylene Chloride	5.265	84	541	0.533	ug/l #	60
25) 2-Butanone	7.494	43	5926	9.343	ug/l #	89
31) Cyclohexane	8.224	56	2323	1.489	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	8142	5.586	ug/l #	50
37) Ethyl Acetate	7.494	43	5926	3.994	ug/l #	72
38) Carbon Tetrachloride	8.224	117	9301	5.300	ug/l #	16
40) Benzene	8.606	78	1043	0.233	ug/l #	52
43) Isopropyl Acetate	8.682	43	3857	Below Cal	#	60
48) Methyl methacrylate	9.659	41	372	0.320	ug/l #	26
51) 4-Methyl-2-Pentanone	10.447	43	556	0.378	ug/l #	58
59) 2-Hexanone	11.212	43	485	0.443	ug/l #	55
76) 1,2,3-Trichloropropane	12.853	75	32701	28.118	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32701	55.300	ug/l #	6

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

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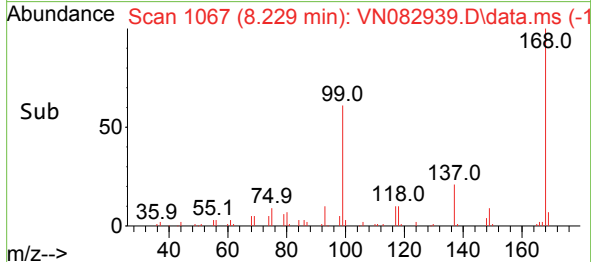
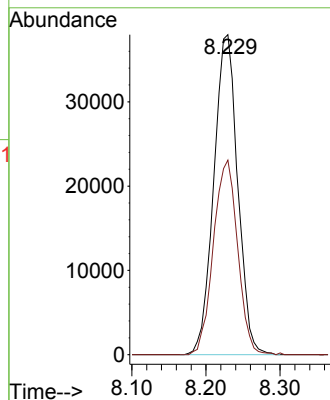
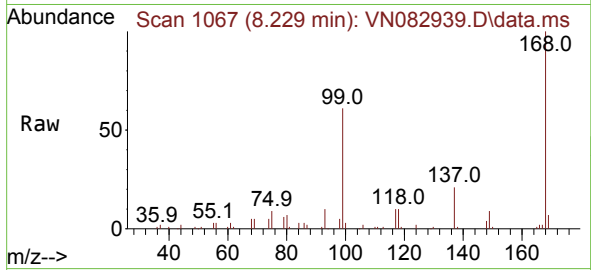




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

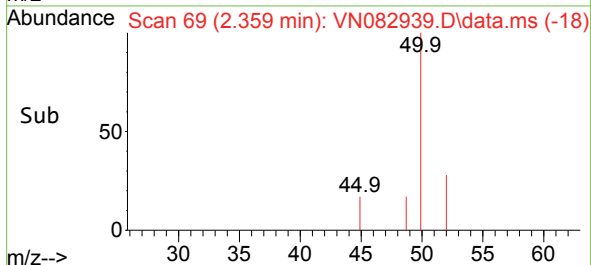
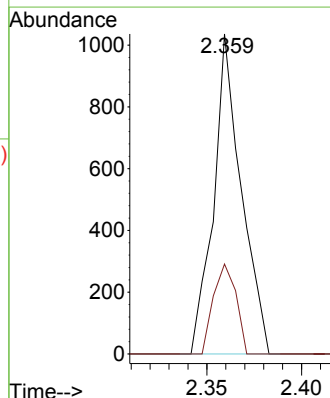
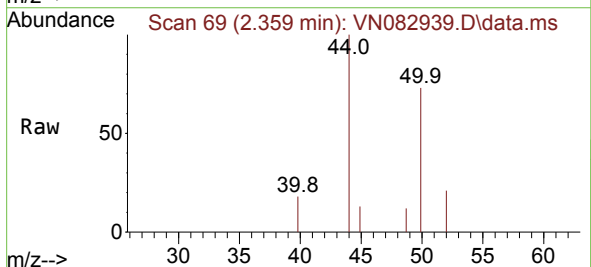
Instrument :
MSVOA_N
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BP-VPB-189-GW-858-860

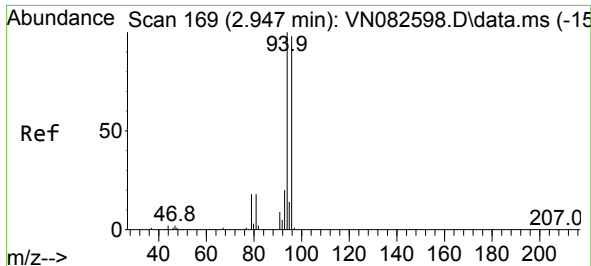
Tgt Ion:168 Resp: 85114
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#3
Chloromethane
Concen: 1.007 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 28.1 25.0 37.4

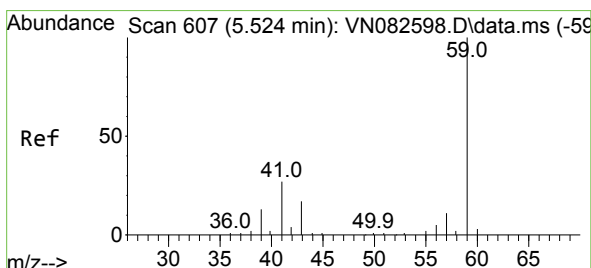
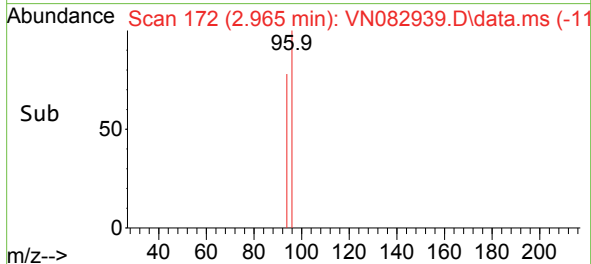
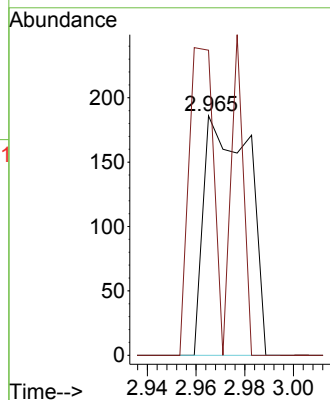
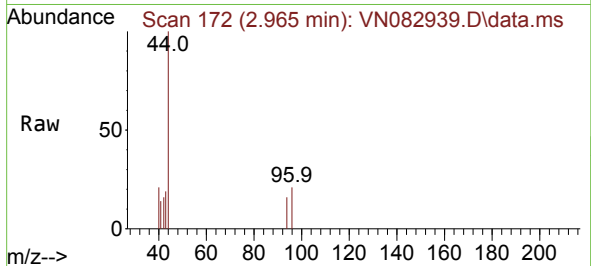




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

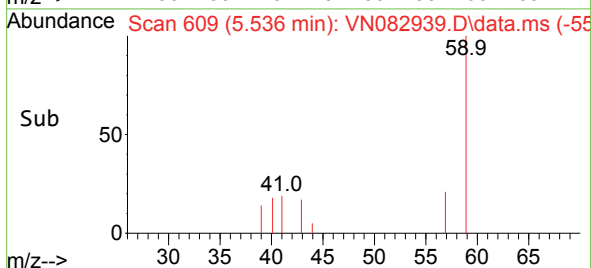
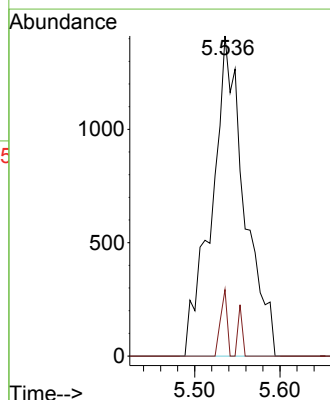
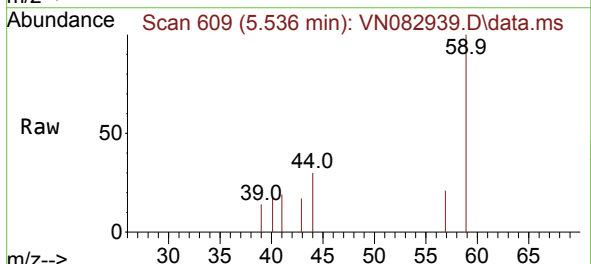
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

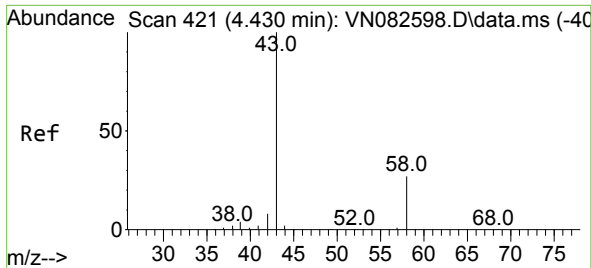
Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 127.4 78.0 117.0#



#11
Tert butyl alcohol
Concen: 18.851 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion: 59 Resp: 3783
Ion Ratio Lower Upper
59 100
57 4.2 8.9 13.3#





#16

Acetone

Concen: 48.252 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082939.D

Acq: 16 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

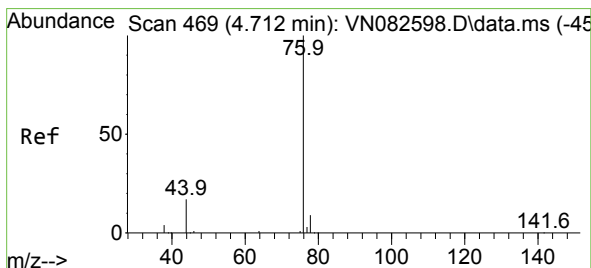
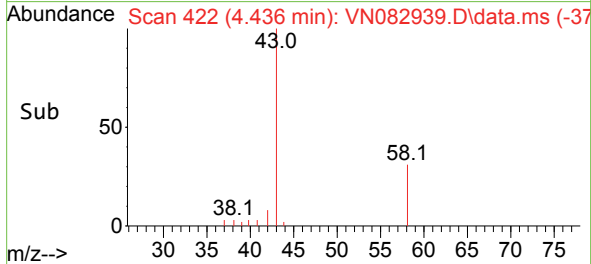
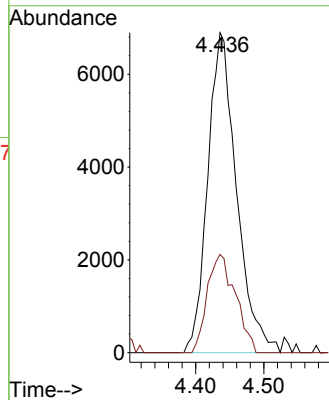
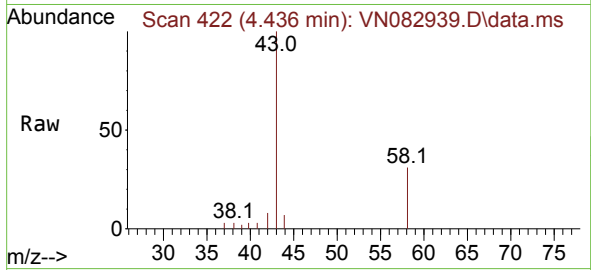
BP-VPB-189-GW-858-860

Tgt Ion: 43 Resp: 20269

Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



#17

Carbon Disulfide

Concen: 1.000 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082939.D

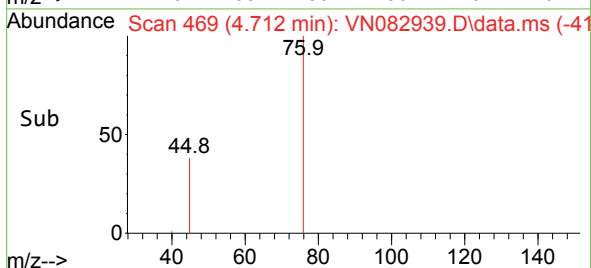
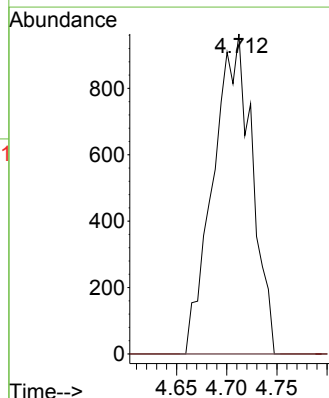
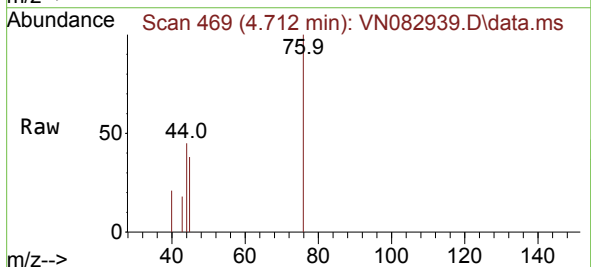
Acq: 16 Jul 2024 16:45

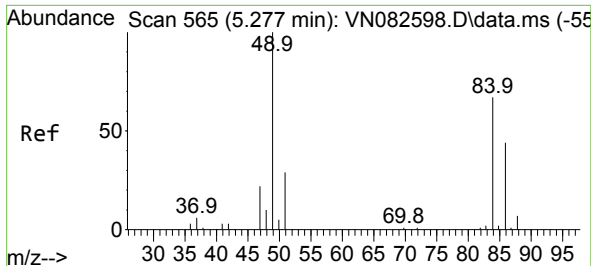
Tgt Ion: 76 Resp: 2596

Ion Ratio Lower Upper

76 100

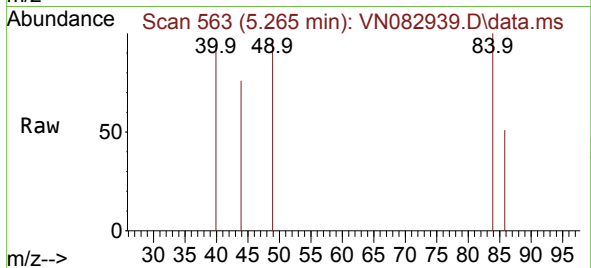
78 0.0 7.2 10.8#



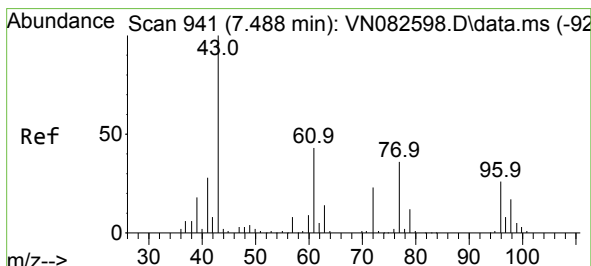
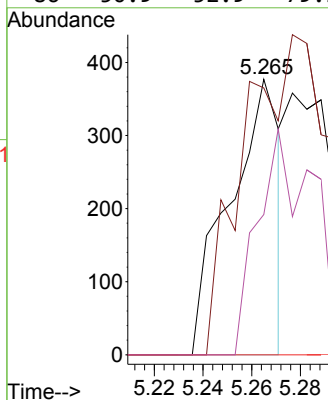
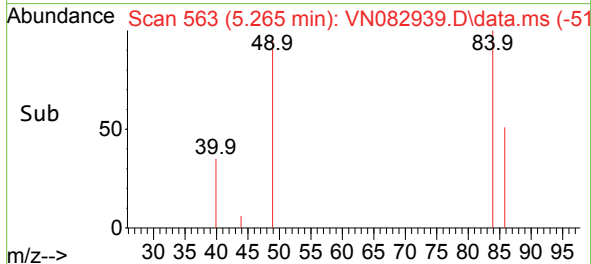


#20
Methylene Chloride
Concen: 0.533 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

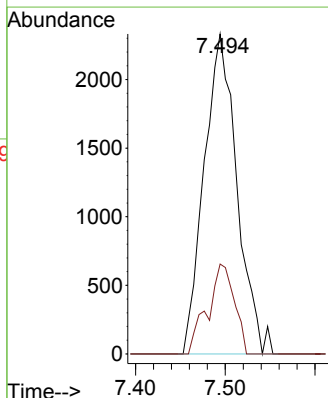
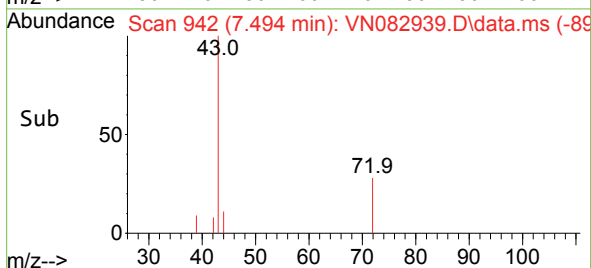
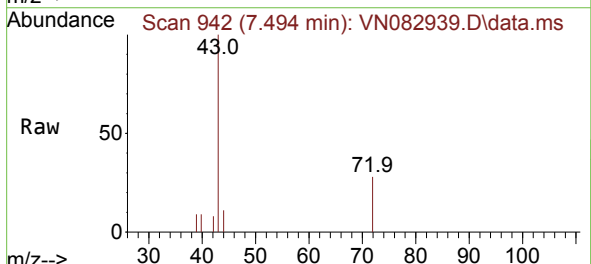


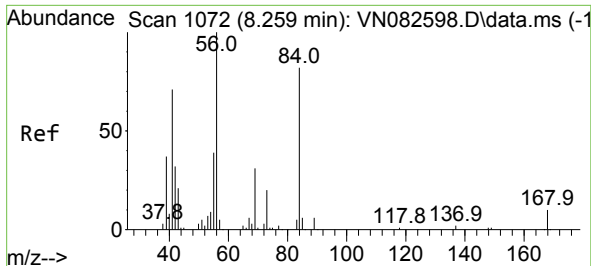
Tgt Ion: 84	Resp: 541
Ion Ratio	Lower Upper
84	100
49	96.8 119.6 179.4#
51	0.0 34.8 52.2#
86	50.9 52.9 79.3#



#25
2-Butanone
Concen: 9.343 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

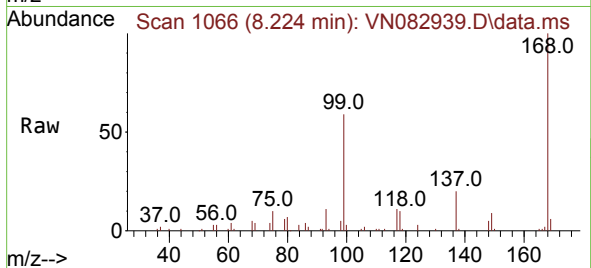
Tgt Ion: 43	Resp: 5926
Ion Ratio	Lower Upper
43	100
72	28.1 18.2 27.2#





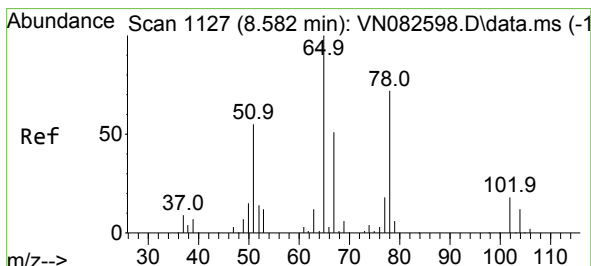
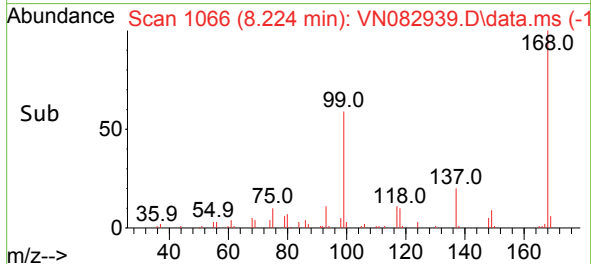
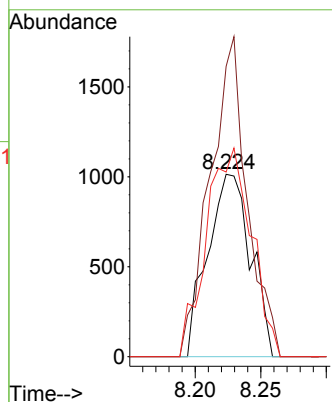
#31
Cyclohexane
Concen: 1.489 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-858-860



Tgt Ion: 56 Resp: 2323

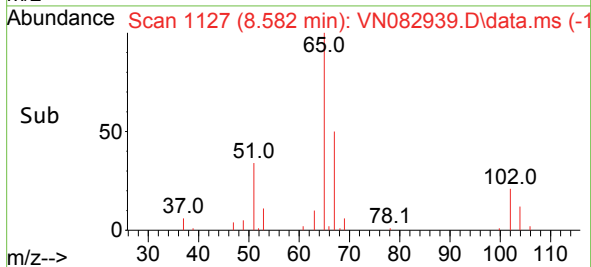
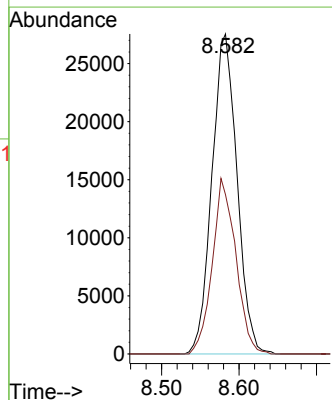
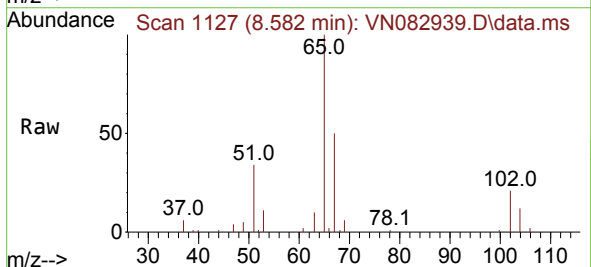
Ion	Ratio	Lower	Upper
56	100		
69	159.2	24.5	36.7#
84	101.3	66.0	99.0#

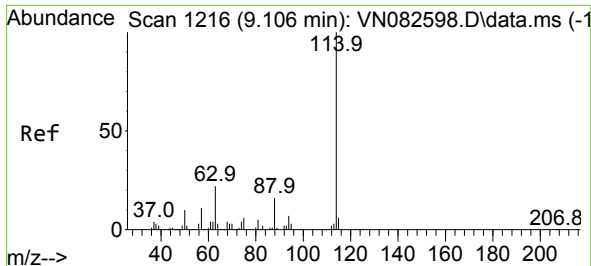


#33
1,2-Dichloroethane-d4
Concen: 51.923 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion: 65 Resp: 61951

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

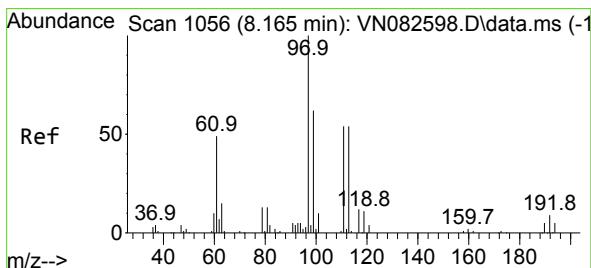
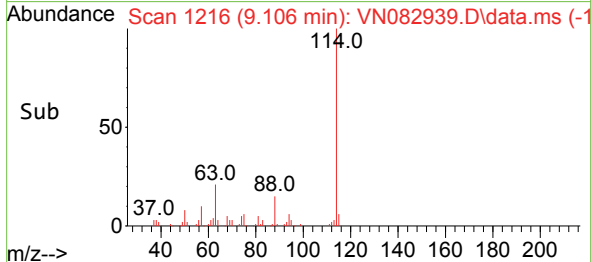
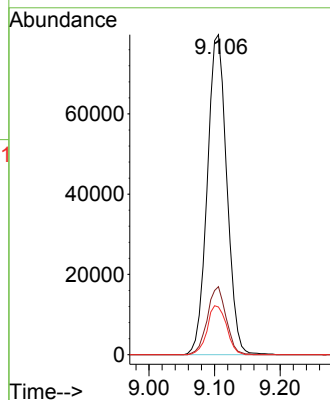
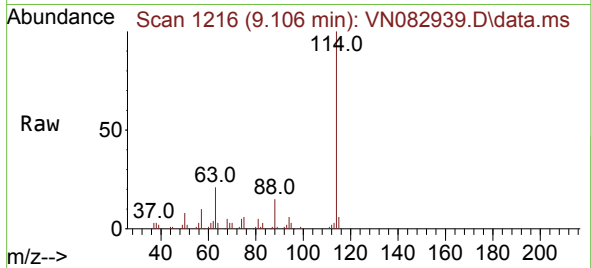




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

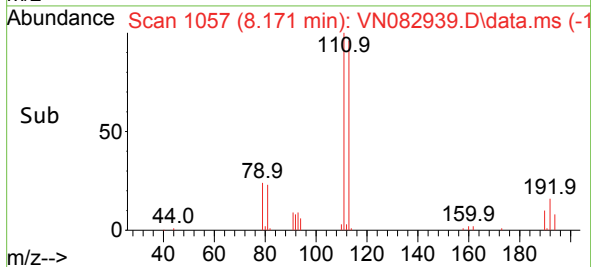
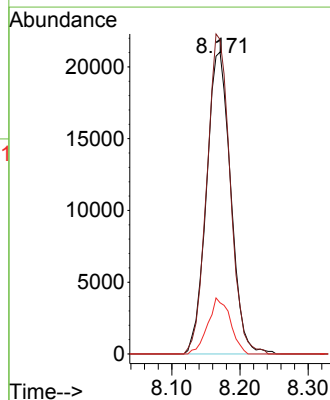
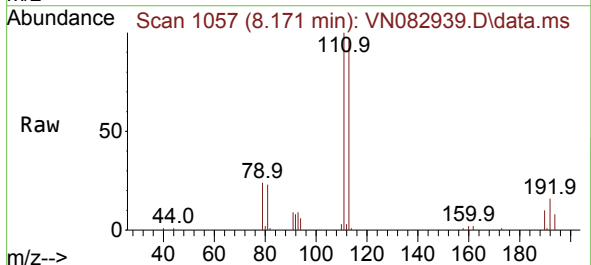
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

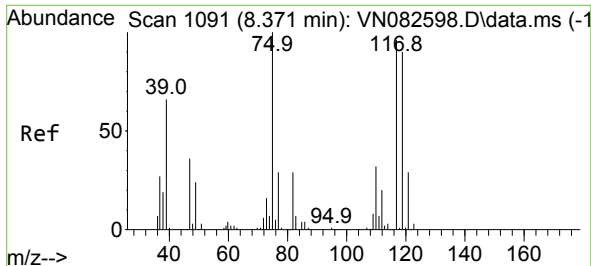
Tgt Ion:114 Resp: 164743
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.244 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion:113 Resp: 52057
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.586 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082939.D

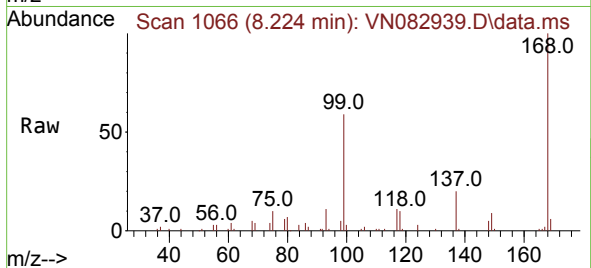
Acq: 16 Jul 2024 16:45

Instrument :

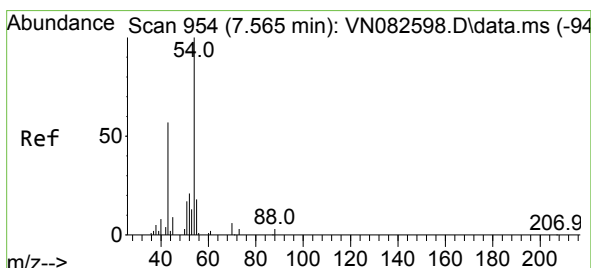
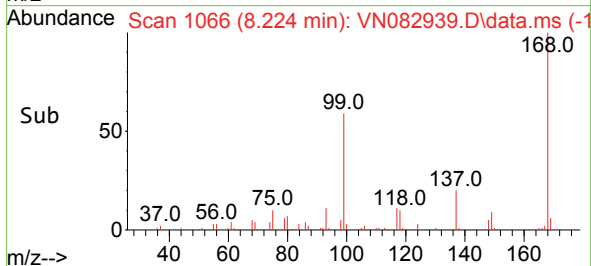
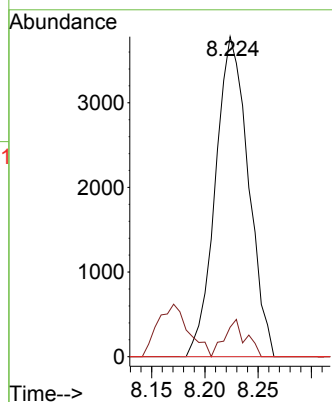
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-858-860



Tgt Ion:	75	Resp:	8142
Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 3.994 ug/l

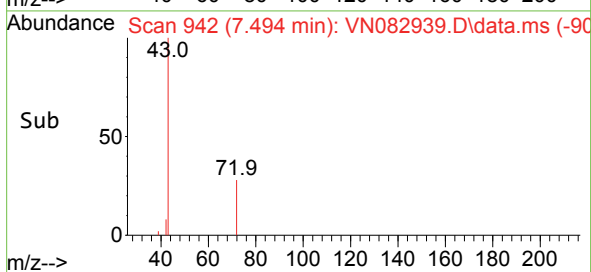
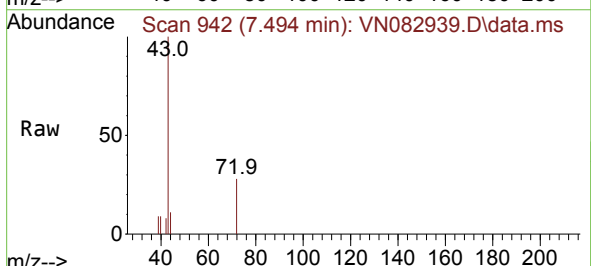
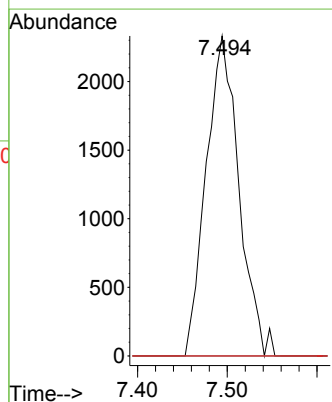
RT: 7.494 min Scan# 942

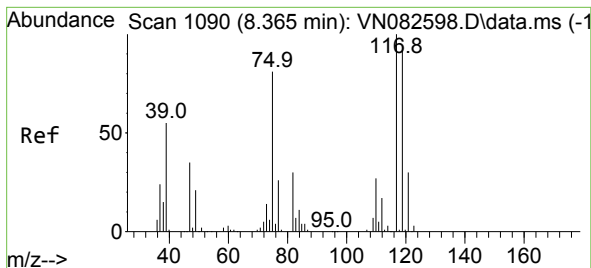
Delta R.T. -0.071 min

Lab File: VN082939.D

Acq: 16 Jul 2024 16:45

Tgt Ion:	43	Resp:	5926
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#





#38

Carbon Tetrachloride

Concen: 5.300 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082939.D

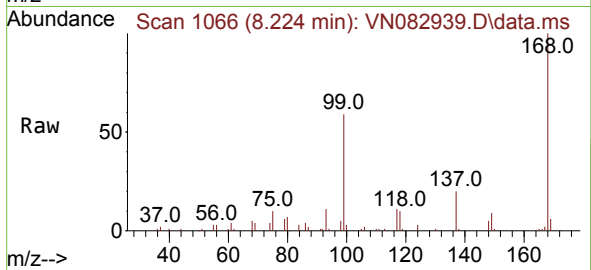
Acq: 16 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-858-860



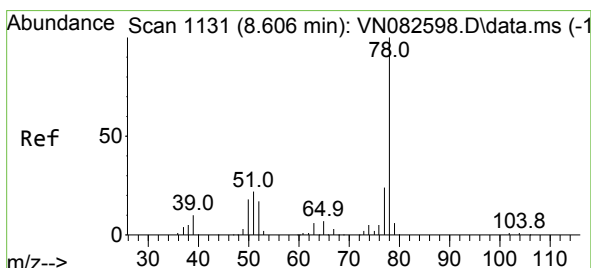
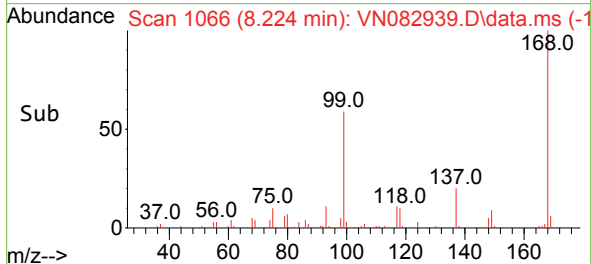
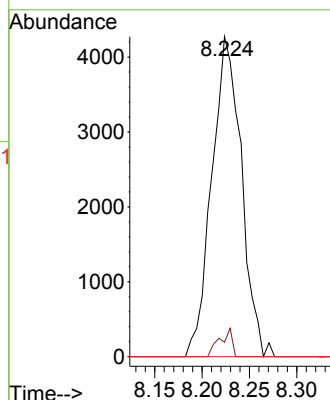
Tgt Ion:117 Resp: 9301

Ion Ratio Lower Upper

117 100

119 4.5 74.9 112.3#

121 0.0 24.3 36.5#



#40

Benzene

Concen: 0.233 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082939.D

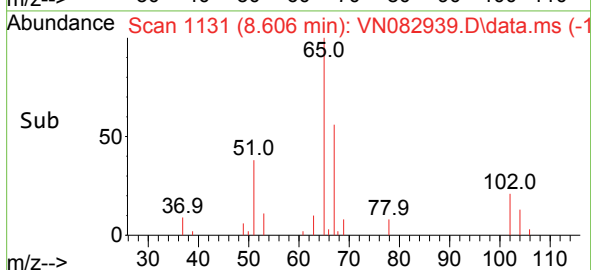
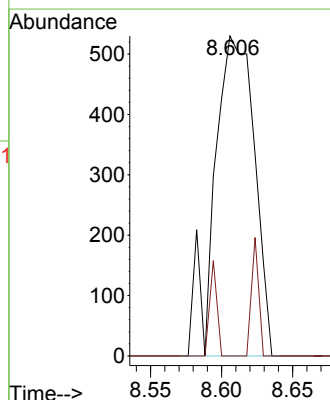
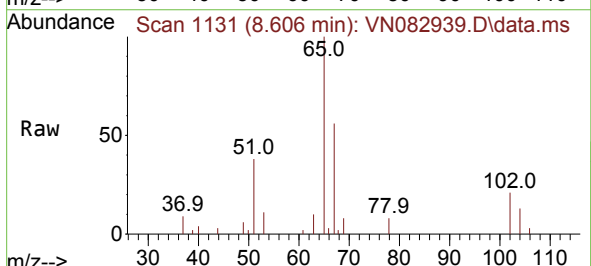
Acq: 16 Jul 2024 16:45

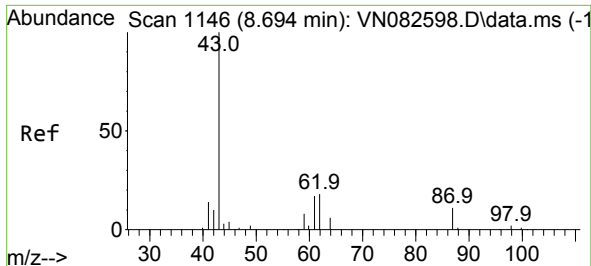
Tgt Ion: 78 Resp: 1043

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#

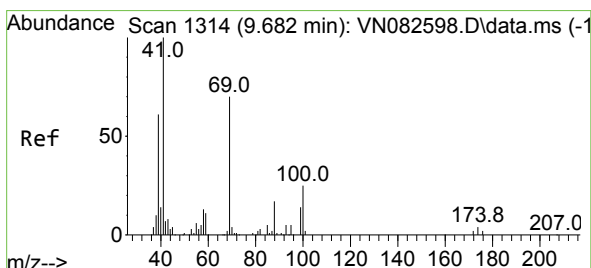
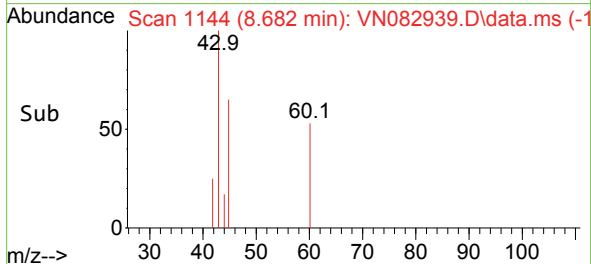
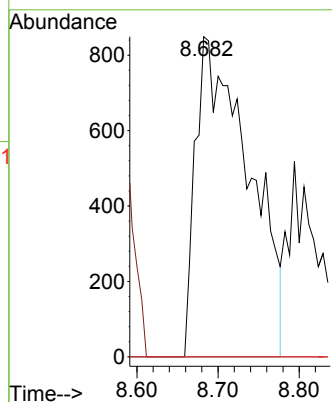
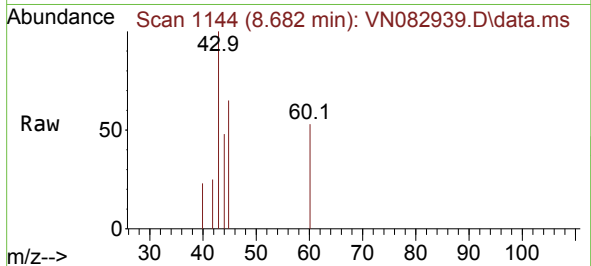




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

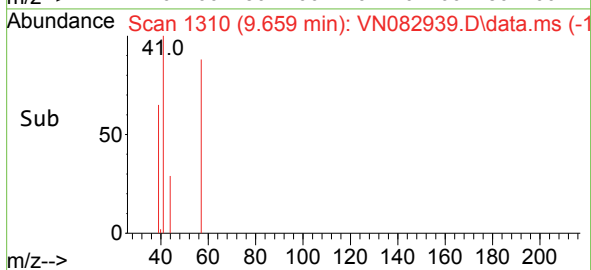
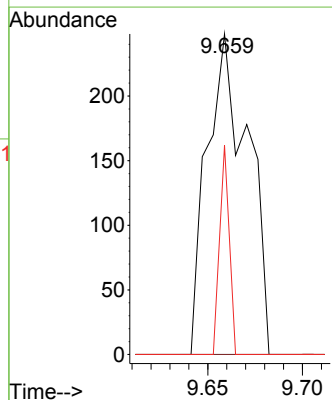
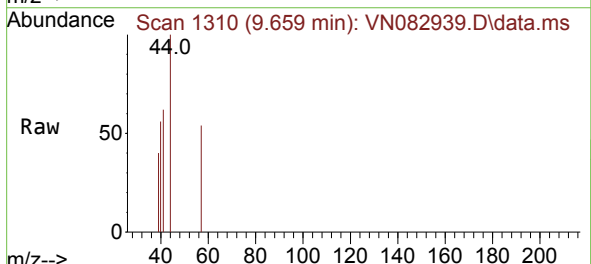
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

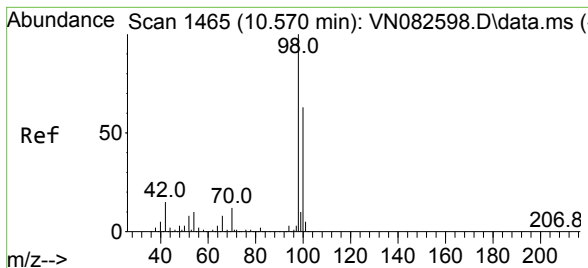
Tgt Ion: 43 Resp: 3857
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#48
Methyl methacrylate
Concen: 0.320 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.023 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion: 41 Resp: 372
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 15.3 50.3 75.5#





#50

Toluene-d8

Concen: 45.027 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082939.D

Acq: 16 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

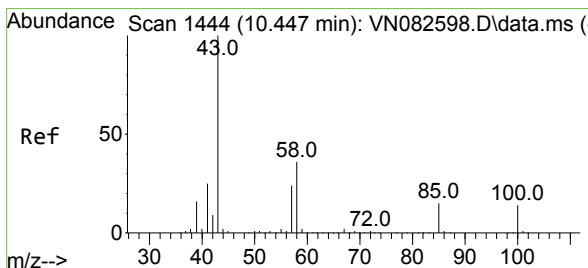
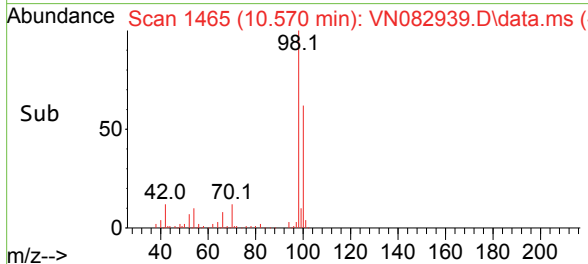
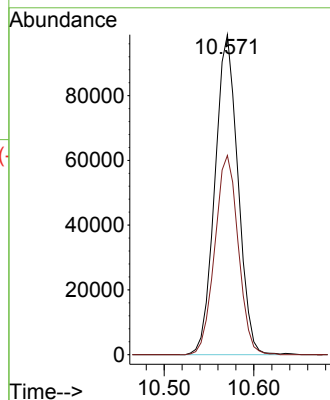
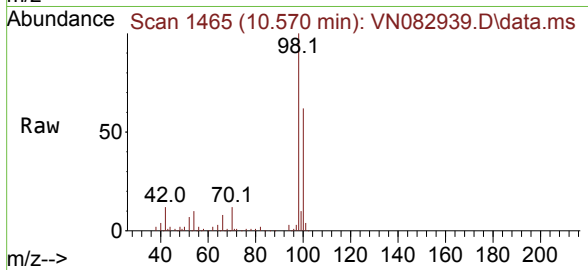
BP-VPB-189-GW-858-860

Tgt Ion: 98 Resp: 175806

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.378 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN082939.D

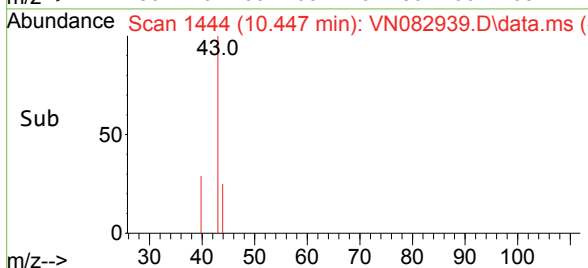
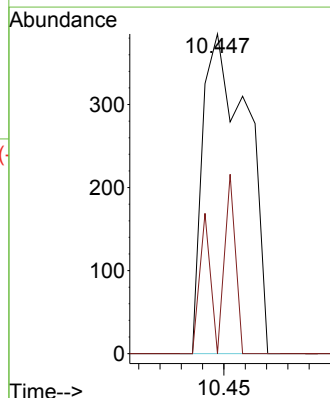
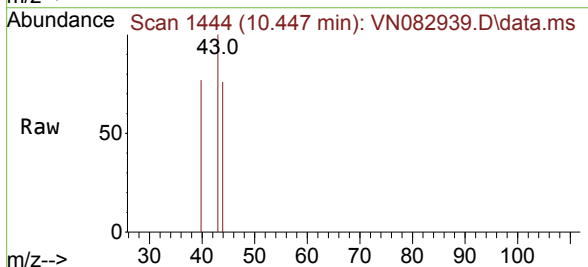
Acq: 16 Jul 2024 16:45

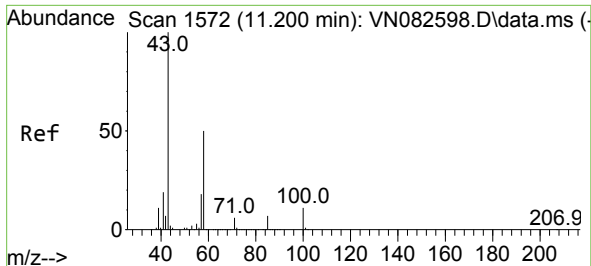
Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

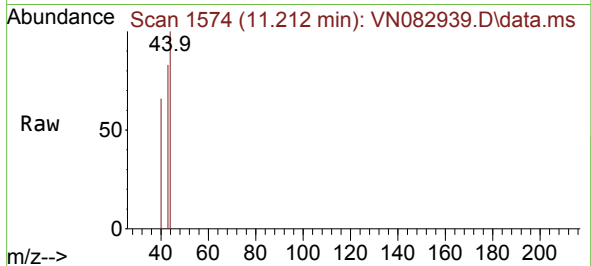
58 10.8 28.2 42.4#



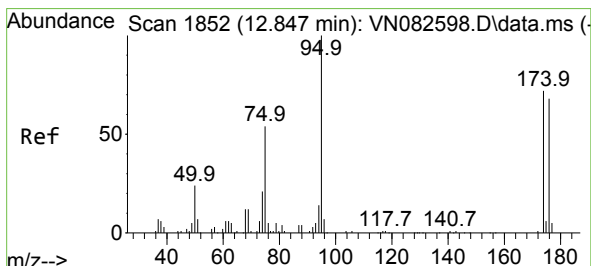
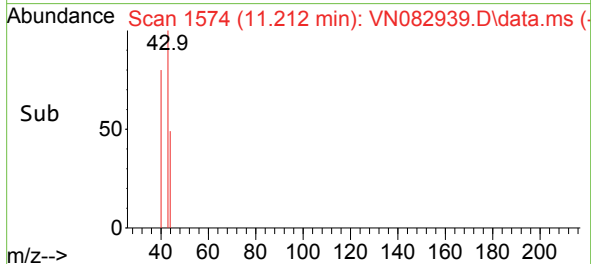
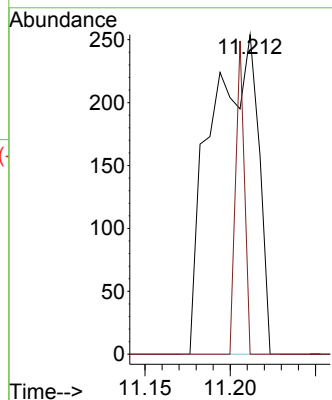


#59
2-Hexanone
Concen: 0.443 ug/l
RT: 11.212 min Scan# 111
Delta R.T. 0.012 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

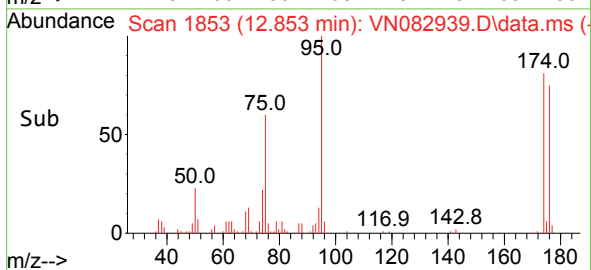
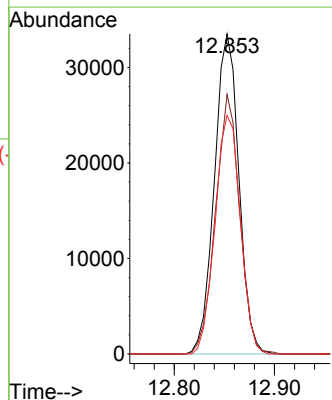
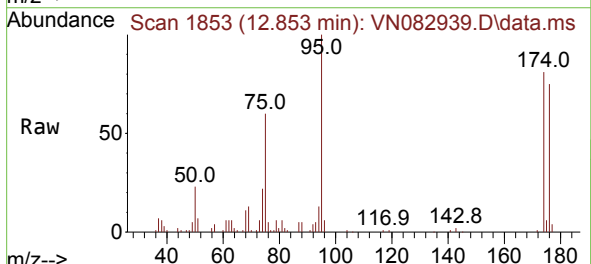


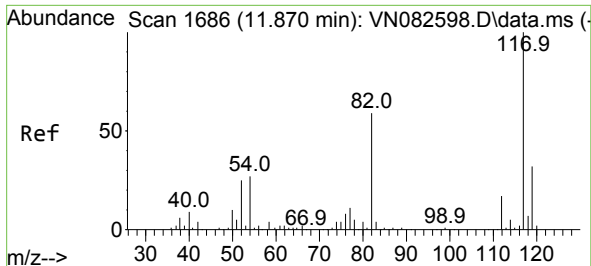
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 18.1 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 40.456 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion: 95 Resp: 56740
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 77.2 0.0 147.6

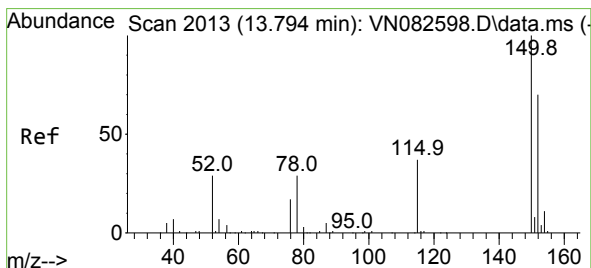
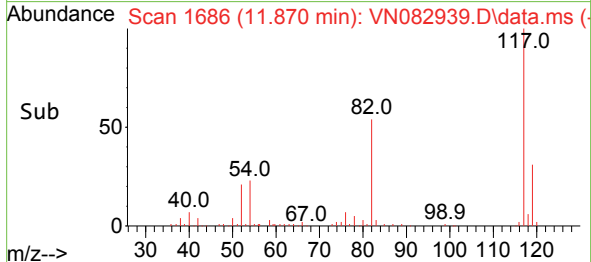
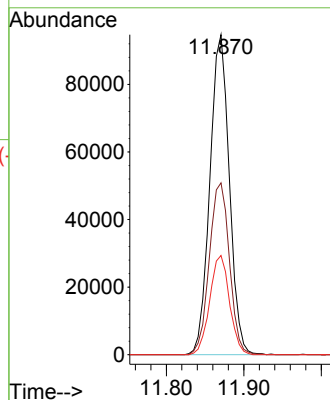
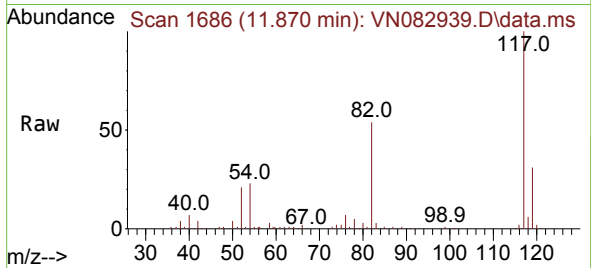




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

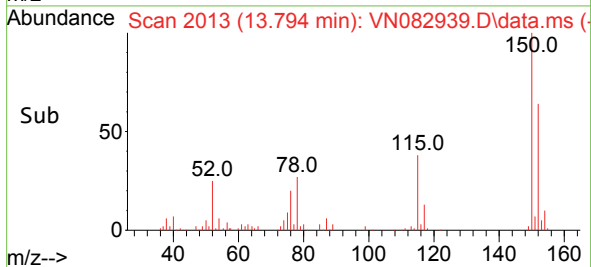
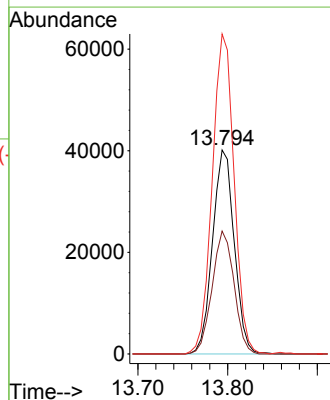
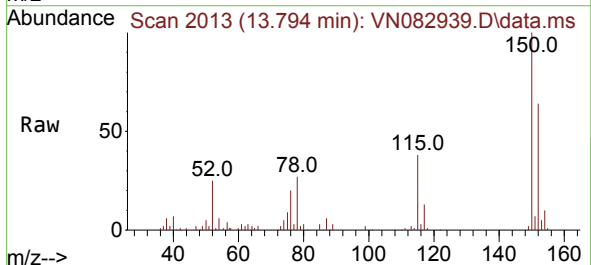
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-858-860

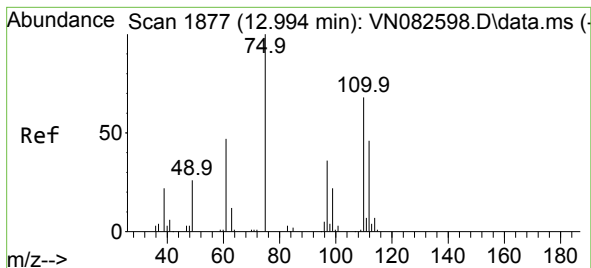
Tgt Ion:117 Resp: 165095
Ion Ratio Lower Upper
117 100
82 53.7 47.5 71.3
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082939.D
Acq: 16 Jul 2024 16:45

Tgt Ion:152 Resp: 67457
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 157.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.118 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082939.D

Acq: 16 Jul 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

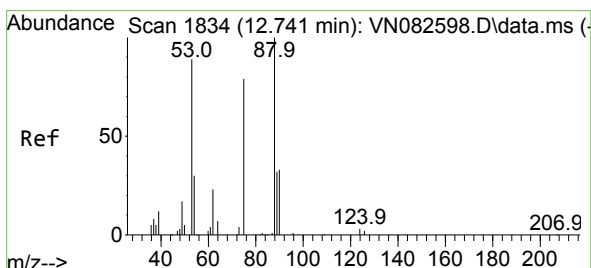
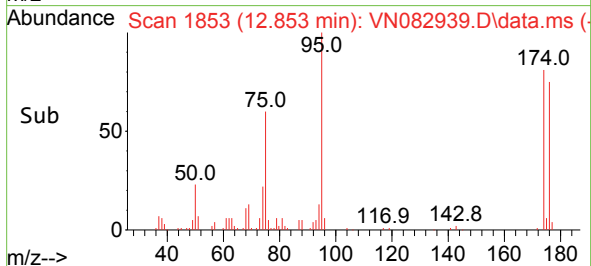
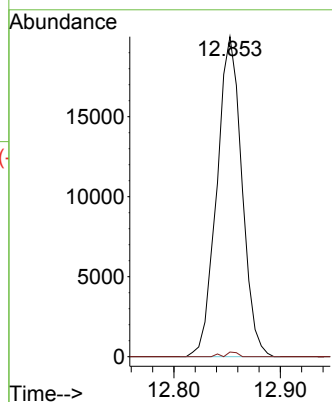
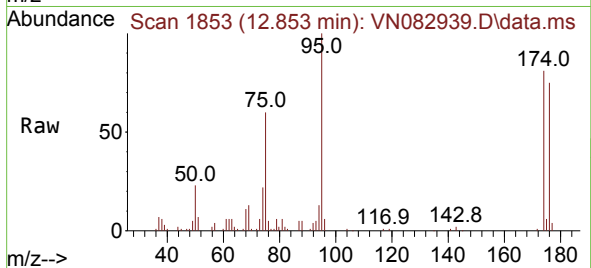
BP-VPB-189-GW-858-860

Tgt Ion: 75 Resp: 32701

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.300 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082939.D

Acq: 16 Jul 2024 16:45

Tgt Ion: 75 Resp: 32701

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

