

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082844.D
 Acq On : 09 Jul 2024 17:10
 Operator : JC\MD
 Sample : P3173-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-778-780

Quant Time: Jul 10 01:23:57 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)

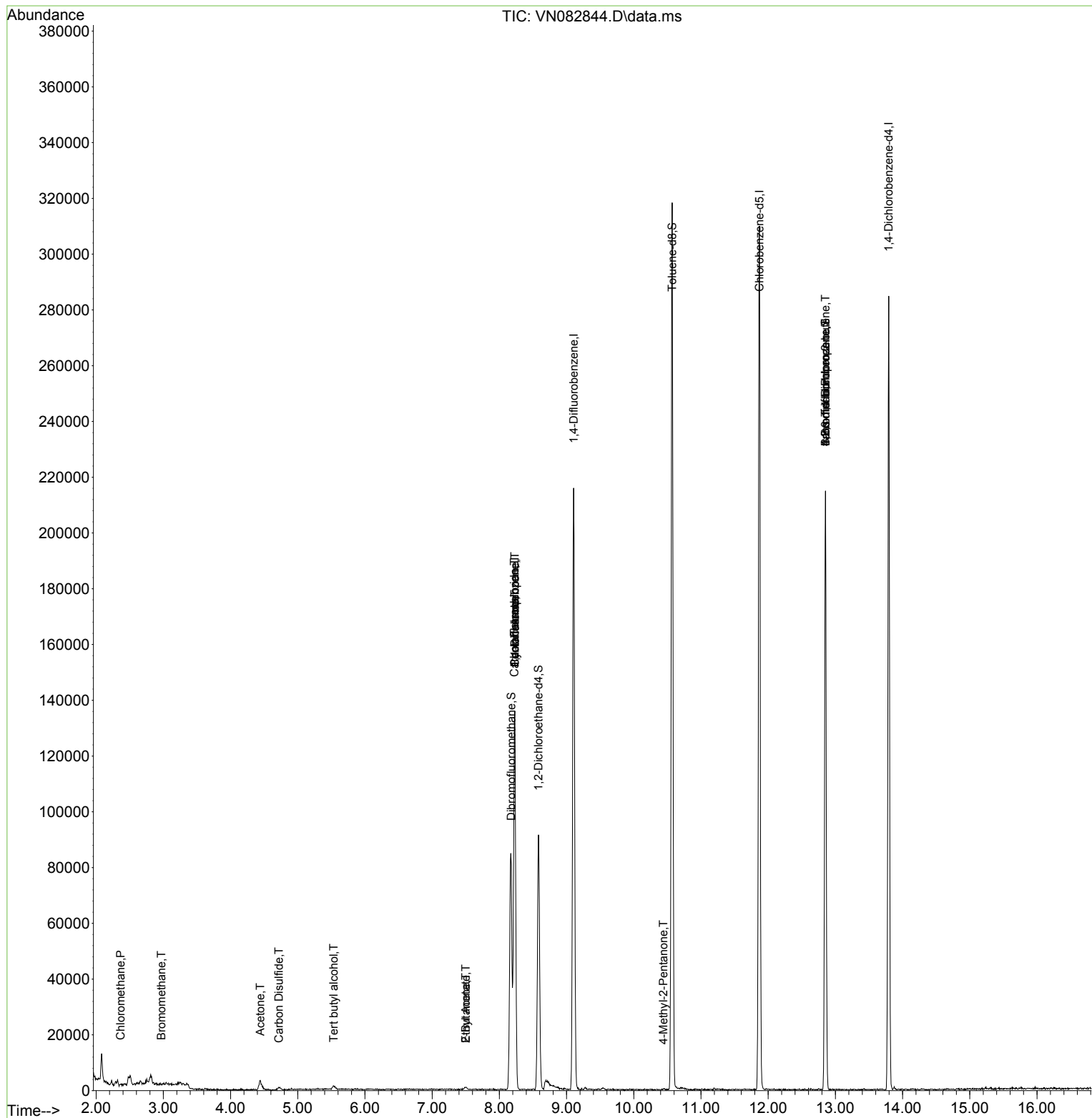
Internal Standards						
1) Pentafluorobenzene	8.230	168	94427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	175984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76040	57.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.900%			
35) Dibromofluoromethane	8.177	113	61222	53.452	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	10.571	98	210261	49.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.853	95	69626	45.819	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.640%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	559	0.482	ug/l #	43
5) Bromomethane	2.971	94	422	0.481	ug/l #	1
11) Tert butyl alcohol	5.536	59	2223	9.985	ug/l #	71
16) Acetone	4.442	43	6710	14.398	ug/l #	88
17) Carbon Disulfide	4.718	76	849	0.295	ug/l #	75
25) 2-Butanone	7.500	43	1644	2.336	ug/l #	80
31) Cyclohexane	8.230	56	2367	1.368	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	8343	5.283	ug/l #	52
37) Ethyl Acetate	7.500	43	1644	1.023	ug/l #	72
38) Carbon Tetrachloride	8.224	117	10392	5.466	ug/l #	19
43) Isopropyl Acetate	8.682	43	1842	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.441	43	410	0.257	ug/l #	39
71) Bromoform	12.853	173	506	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	39766	32.028	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	39766	62.989	ug/l #	6

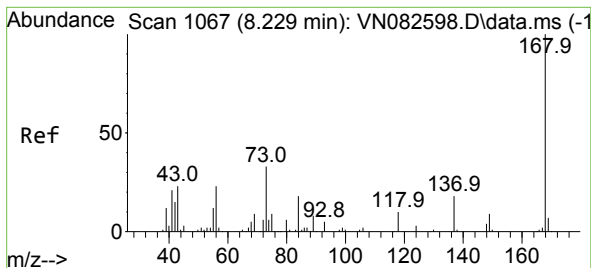
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082844.D

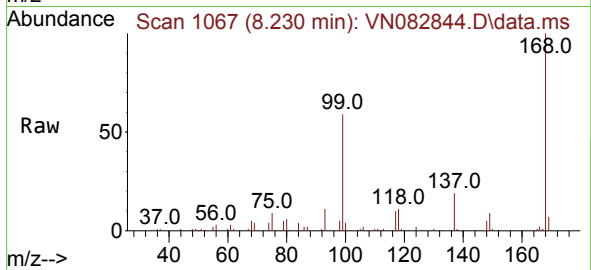
Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-778-780

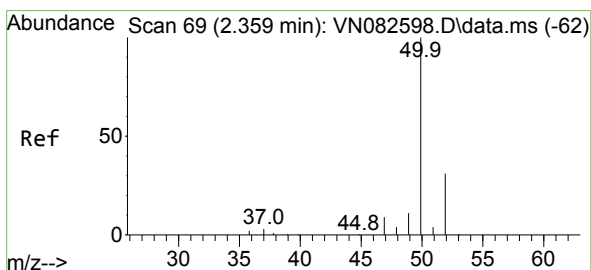
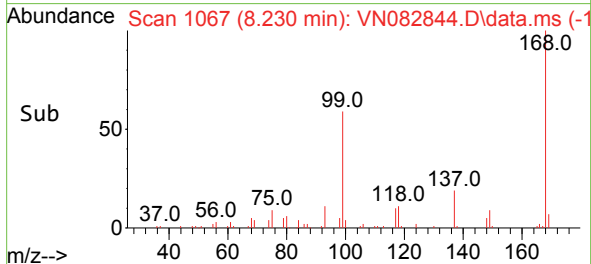
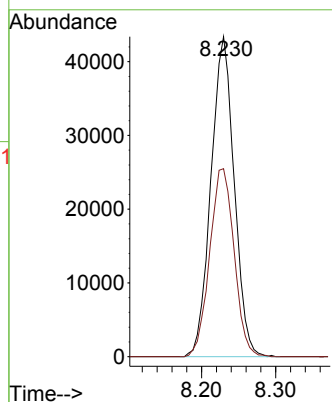


Tgt Ion:168 Resp: 94427

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



#3

Chloromethane

Concen: 0.482 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082844.D

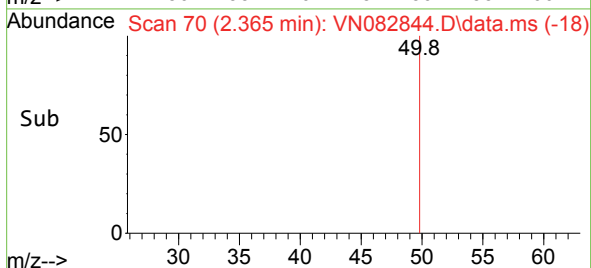
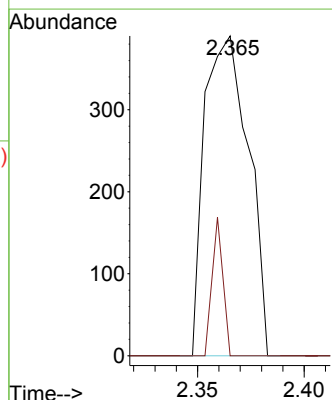
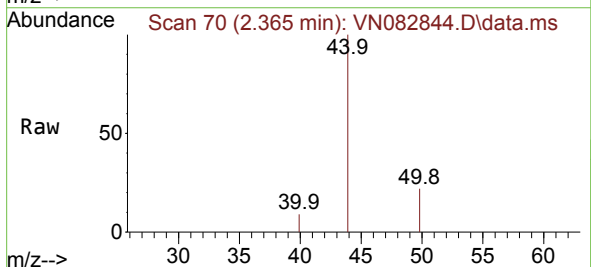
Acq: 09 Jul 2024 17:10

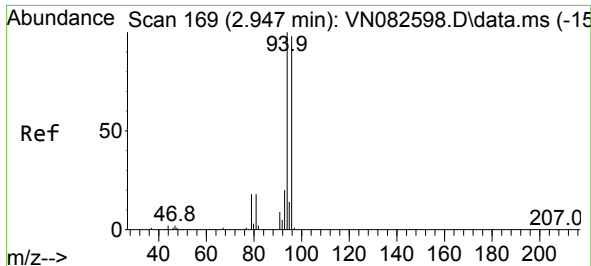
Tgt Ion: 50 Resp: 559

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

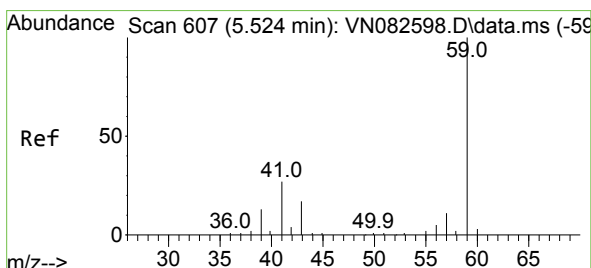
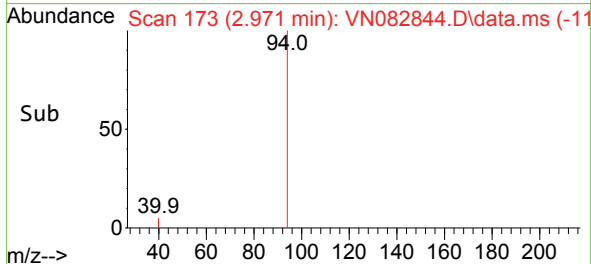
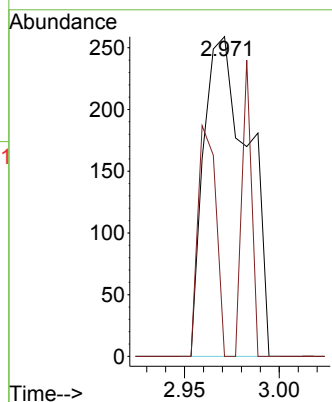
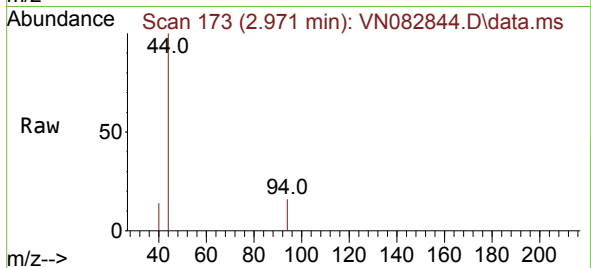




#5
Bromomethane
Concen: 0.481 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

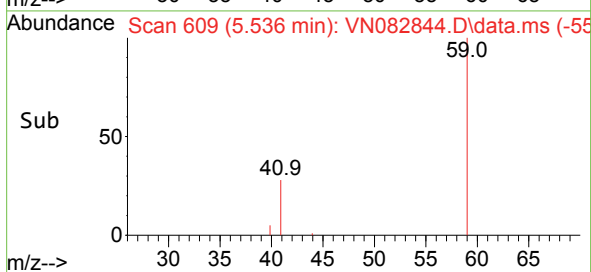
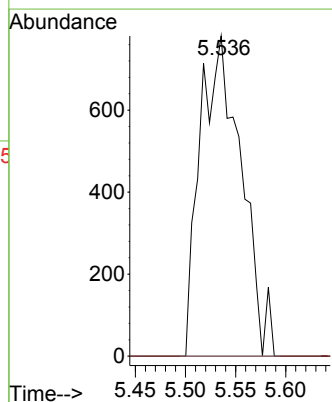
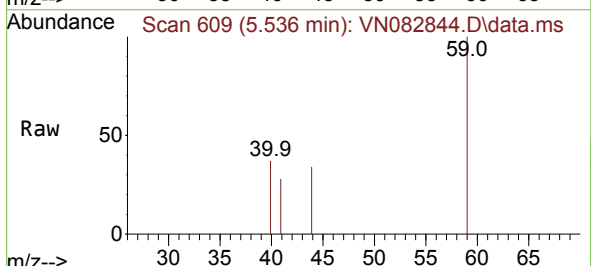
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BP-VPB-189-GW-778-780

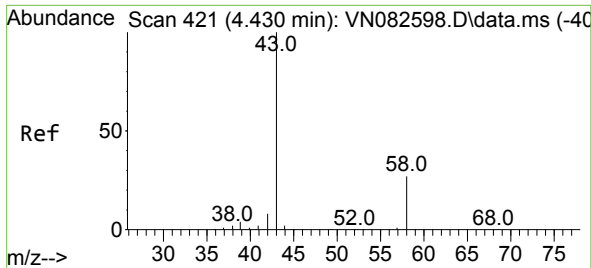
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#11
Tert butyl alcohol
Concen: 9.985 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 59 Resp: 2223
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#16

Acetone

Concen: 14.398 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

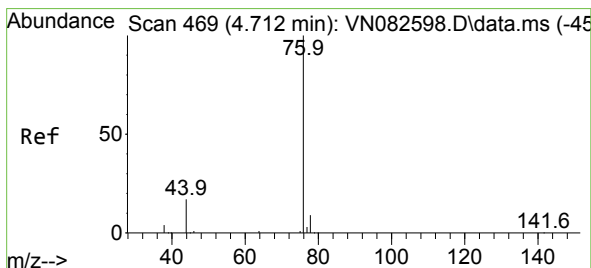
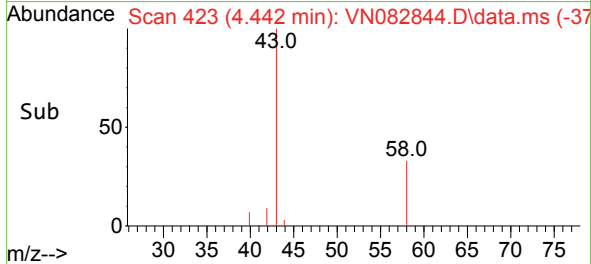
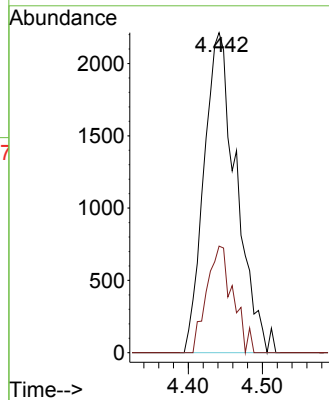
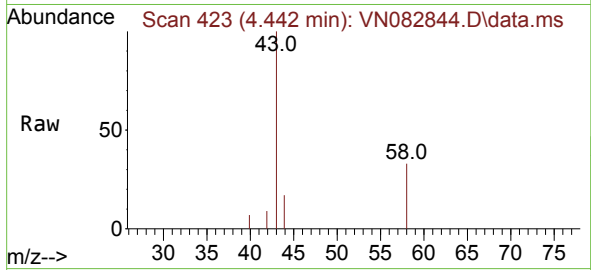
BP-VPB-189-GW-778-780

Tgt Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

58 33.3 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.295 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN082844.D

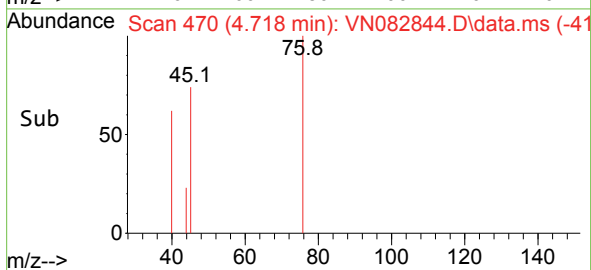
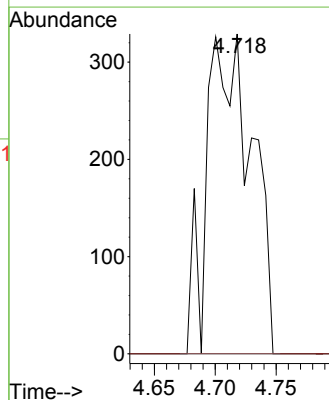
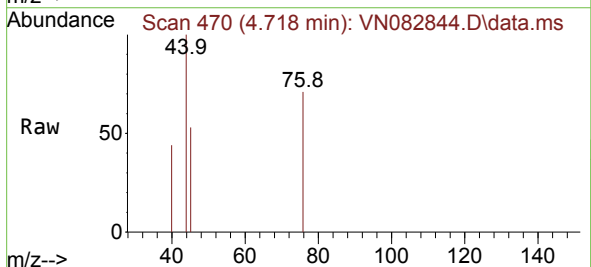
Acq: 09 Jul 2024 17:10

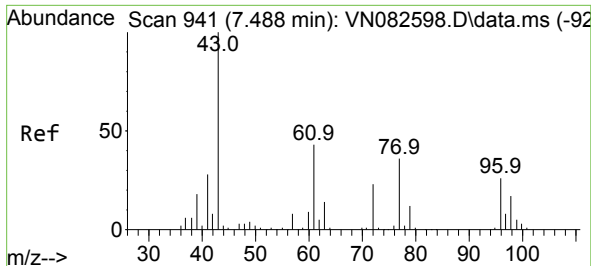
Tgt Ion: 76 Resp: 849

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 2.336 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

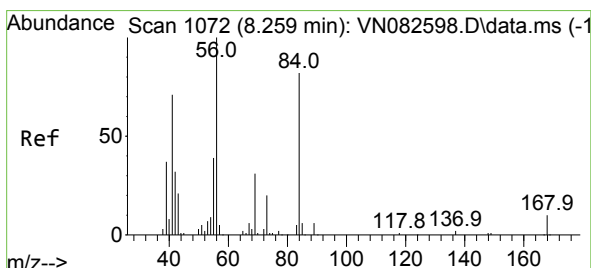
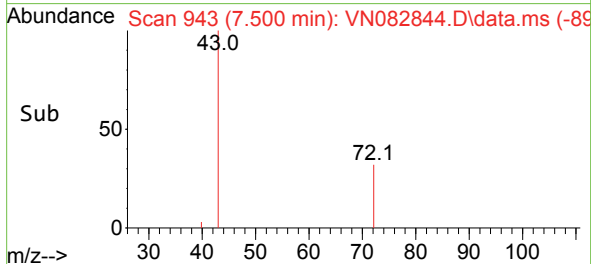
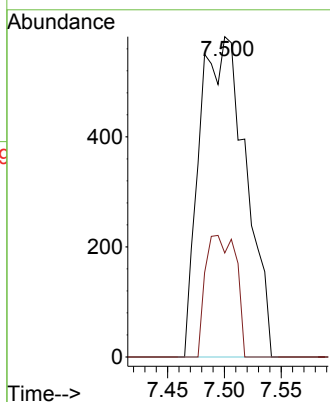
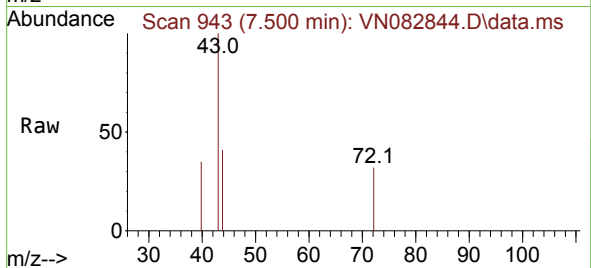
BP-VPB-189-GW-778-780

Tgt Ion: 43 Resp: 1644

Ion Ratio Lower Upper

43 100

72 32.5 18.2 27.2#



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

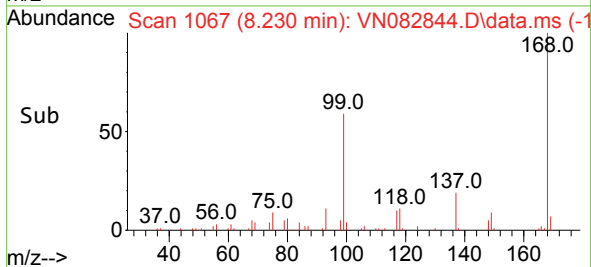
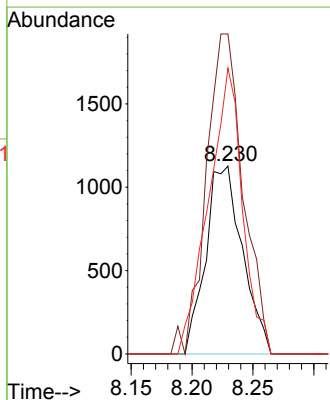
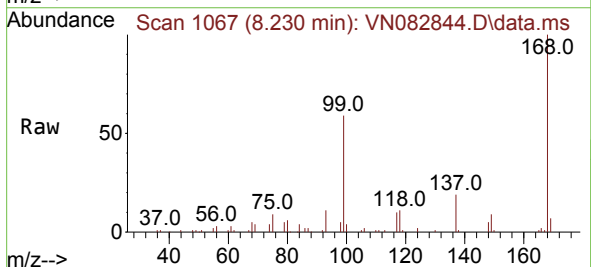
Tgt Ion: 56 Resp: 2367

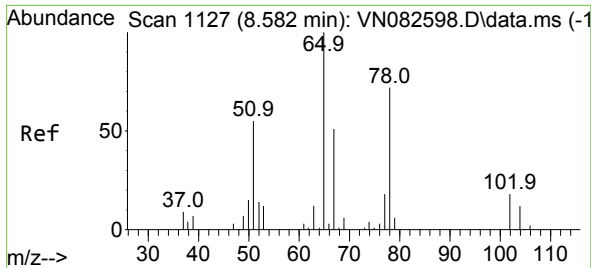
Ion Ratio Lower Upper

56 100

69 170.4 24.5 36.7#

84 152.2 66.0 99.0#

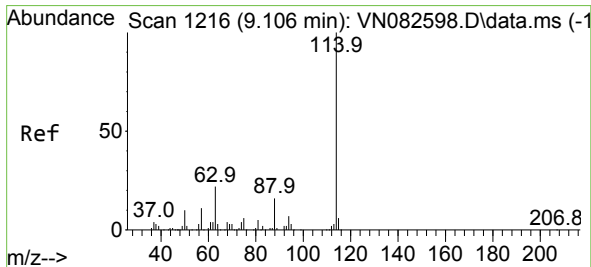
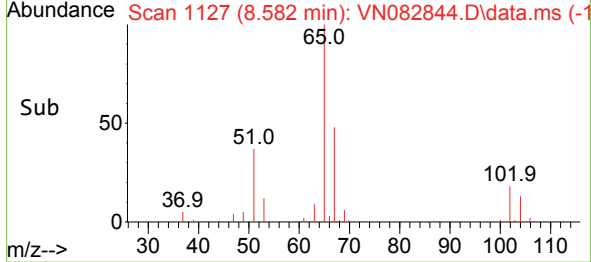
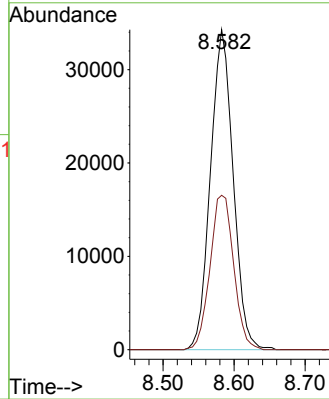
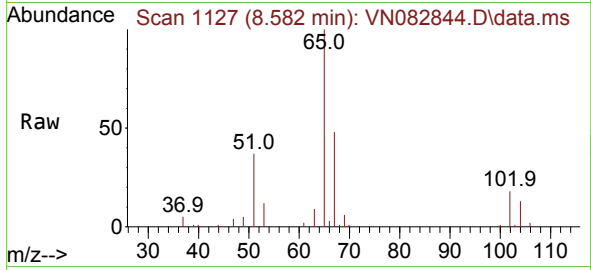




#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

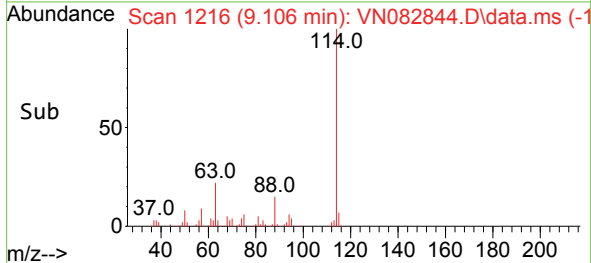
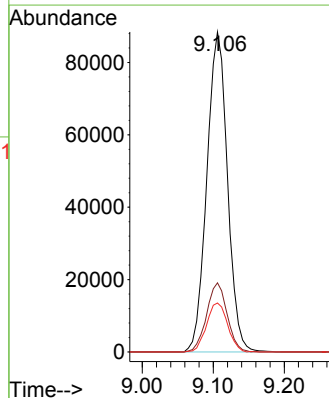
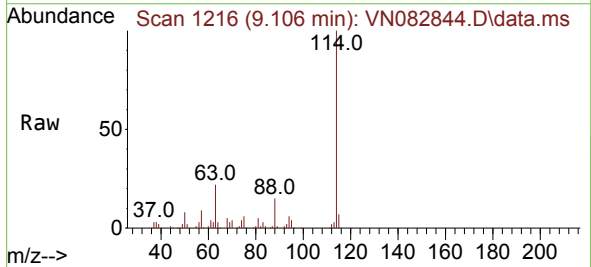
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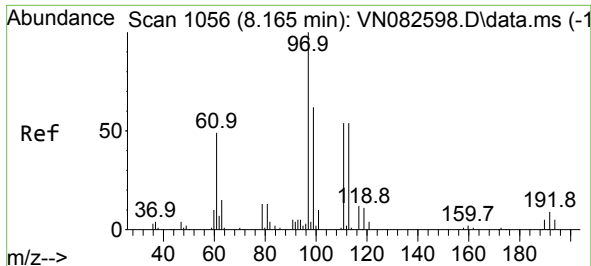
Tgt Ion: 65 Resp: 76040
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 114 Resp: 178497
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.6
88 15.3 0.0 31.4

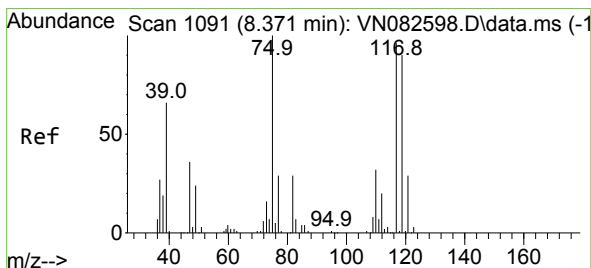
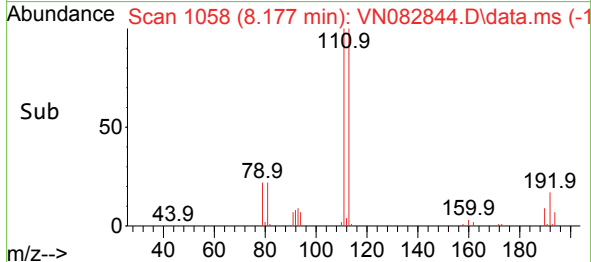
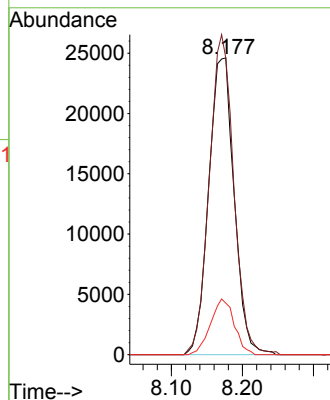
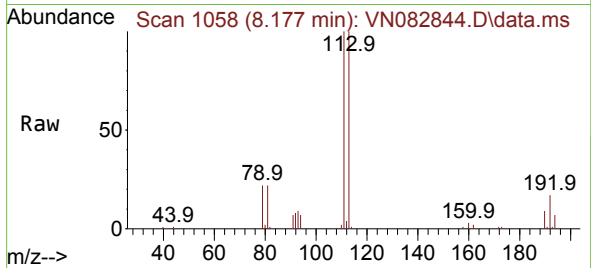




#35
Dibromofluoromethane
Concen: 53.452 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

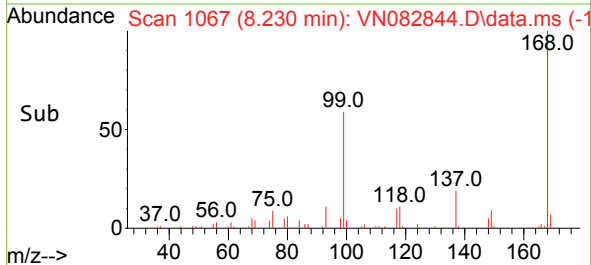
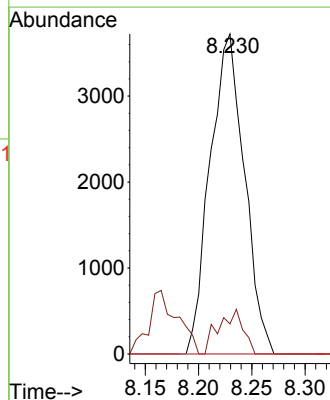
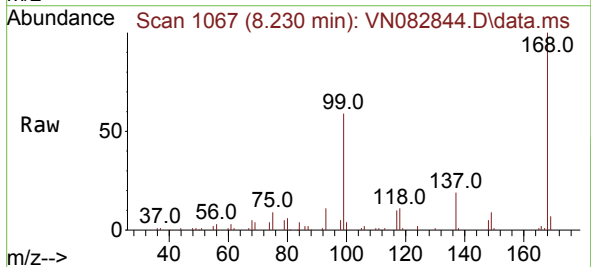
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Tgt Ion:113 Resp: 61222
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.283 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 75 Resp: 8343
Ion Ratio Lower Upper
75 100
110 9.9 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.023 ug/l

RT: 7.500 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN082844.D

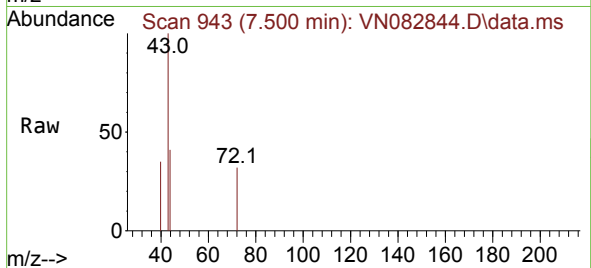
Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-778-780



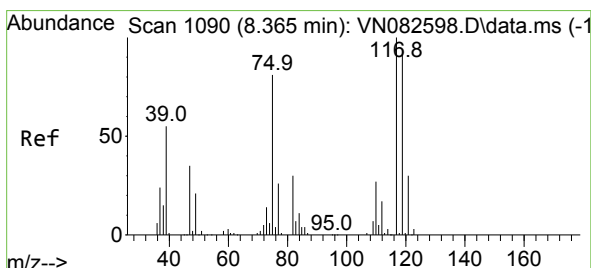
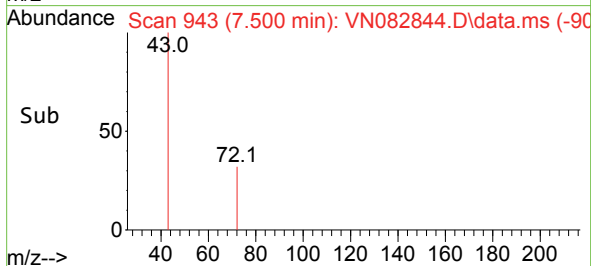
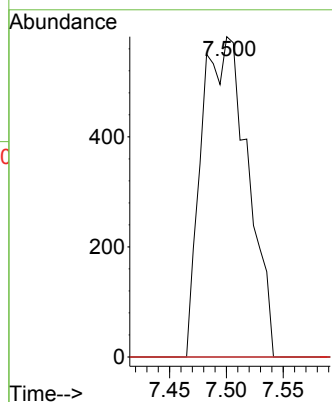
Tgt Ion: 43 Resp: 1644

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.466 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

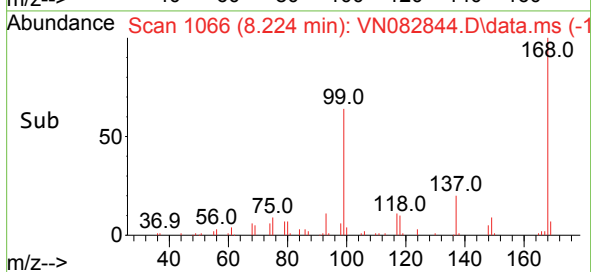
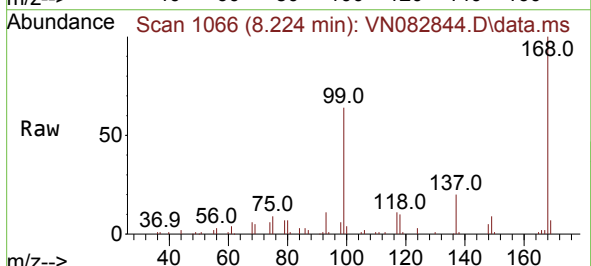
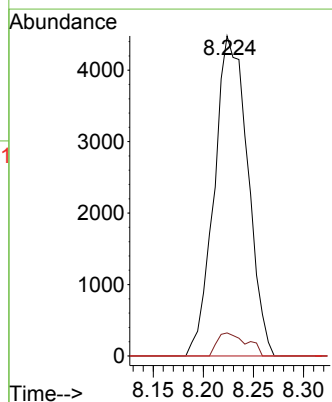
Tgt Ion: 117 Resp: 10392

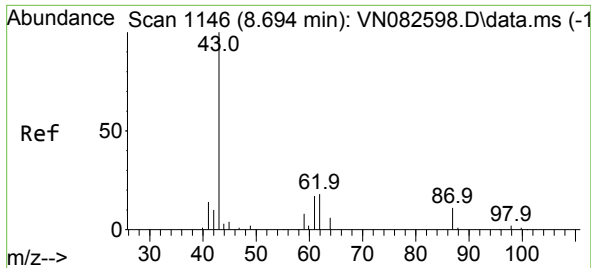
Ion Ratio Lower Upper

117 100

119 7.2 74.9 112.3#

121 0.0 24.3 36.5#

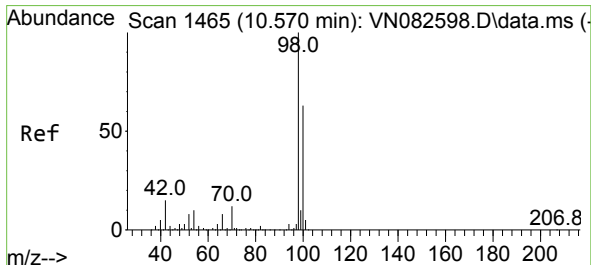
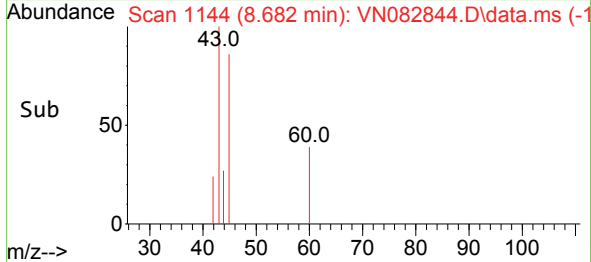
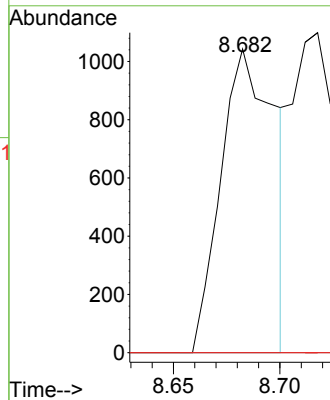
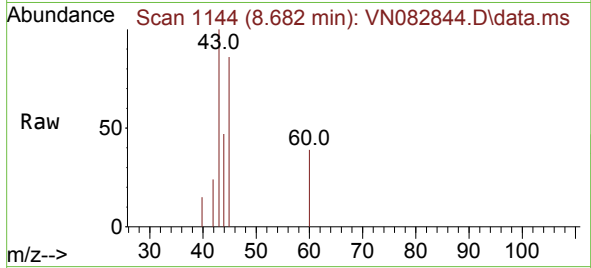




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

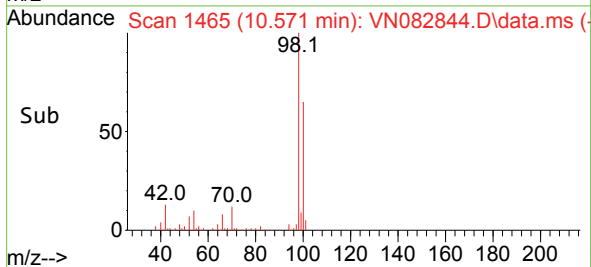
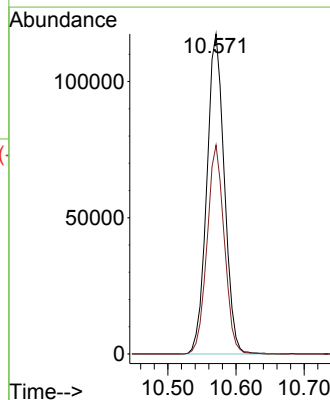
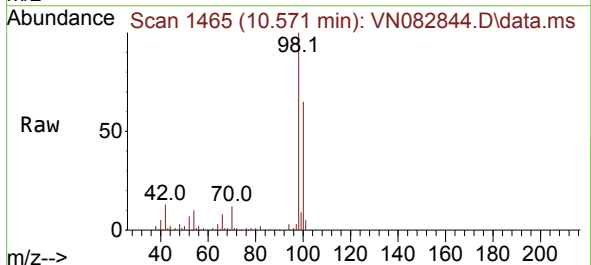
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-778-780

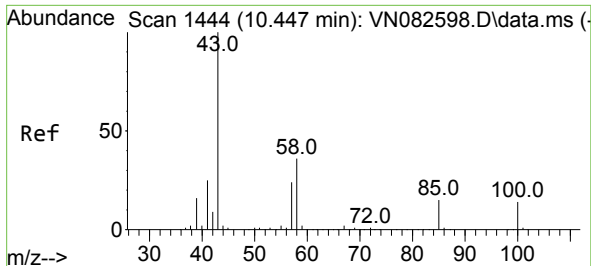
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 98 Resp: 210261
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

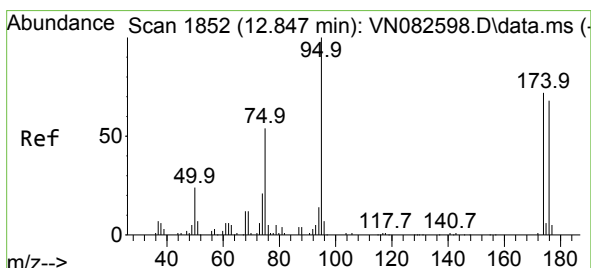
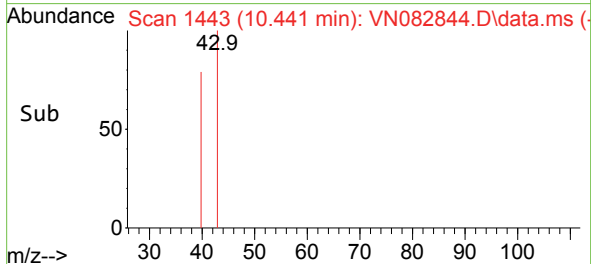
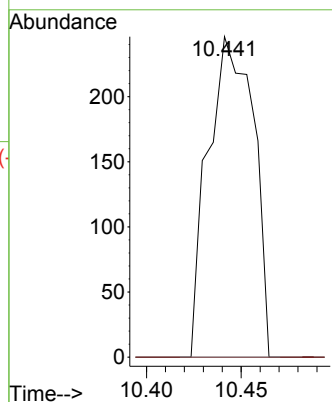
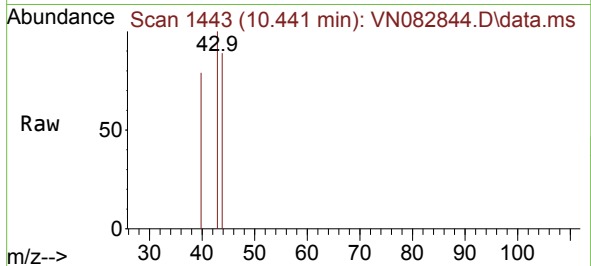




#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

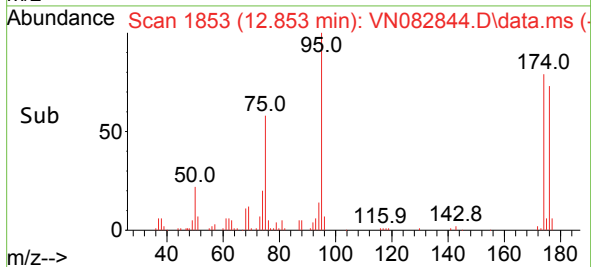
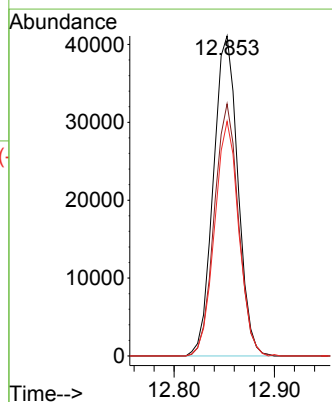
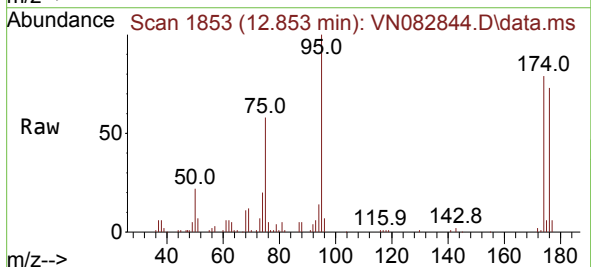
Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-778-780

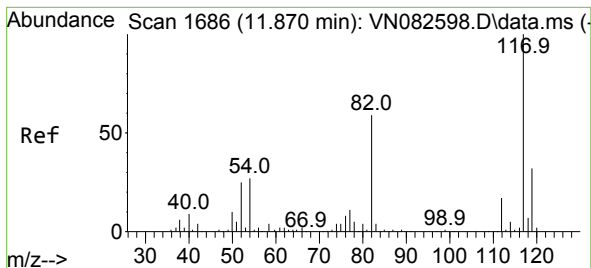
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 45.819 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082844.D
Acq: 09 Jul 2024 17:10

Tgt Ion: 95 Resp: 69626
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.2
176 72.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-778-780

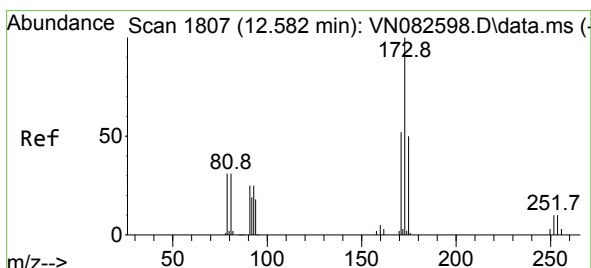
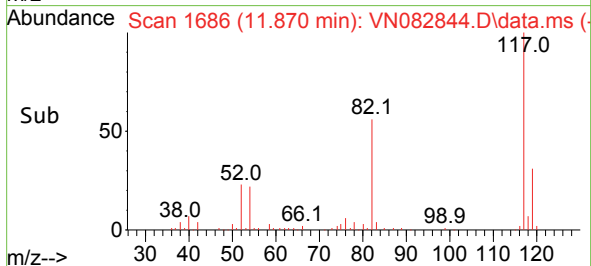
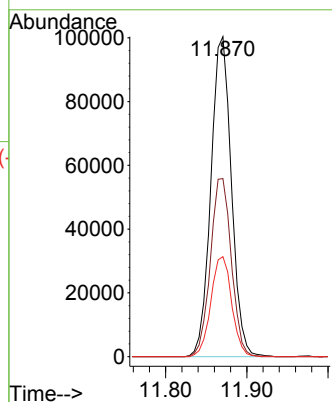
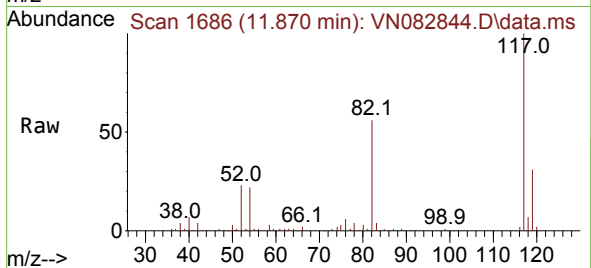
Tgt Ion:117 Resp: 175984

Ion Ratio Lower Upper

117 100

82 55.6 47.5 71.3

119 31.3 25.6 38.4



#71

Bromoform

Concen: 0.480 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082844.D

Acq: 09 Jul 2024 17:10

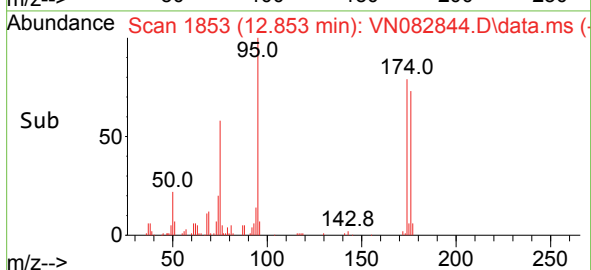
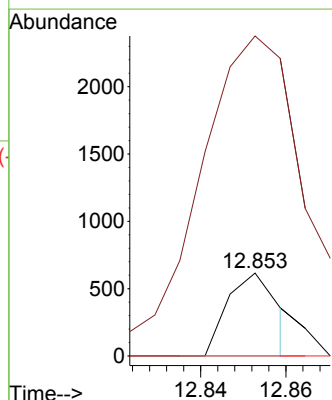
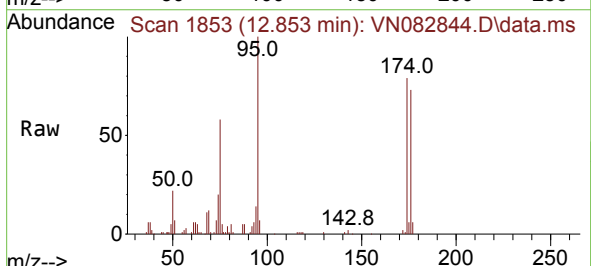
Tgt Ion:173 Resp: 506

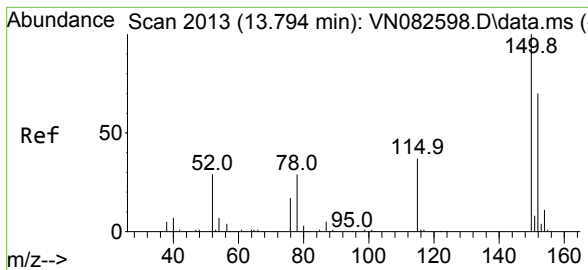
Ion Ratio Lower Upper

173 100

175 659.1 24.0 72.0#

254 0.0 0.0 0.0

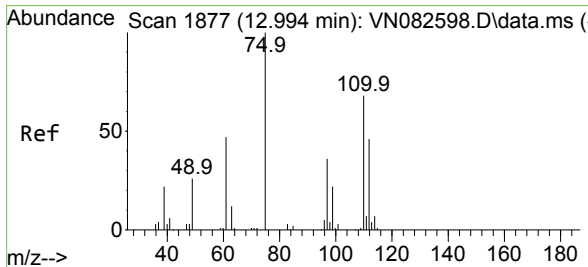
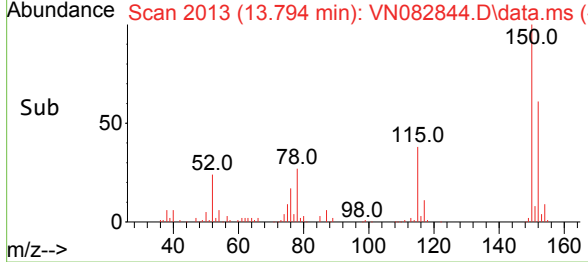
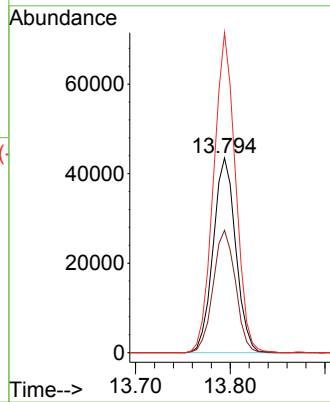
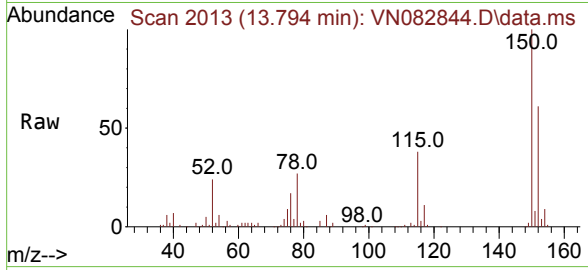




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082844.D
 Acq: 09 Jul 2024 17:10

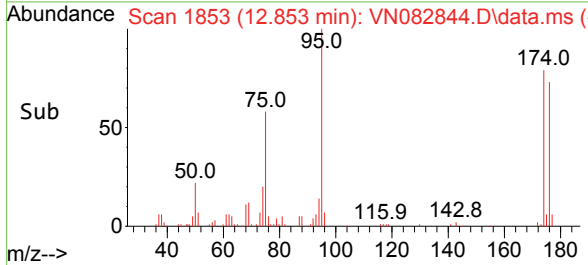
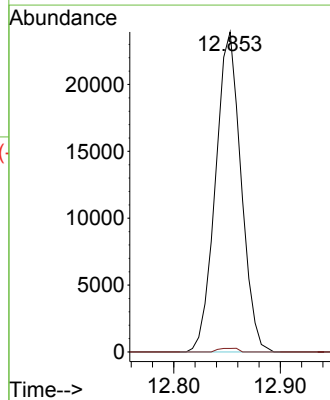
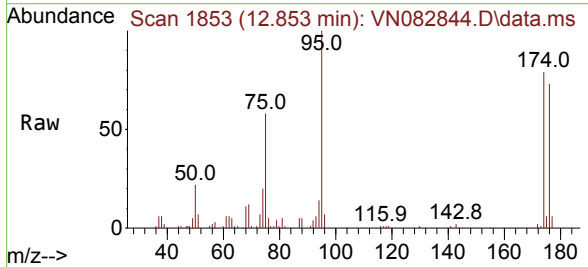
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-778-780

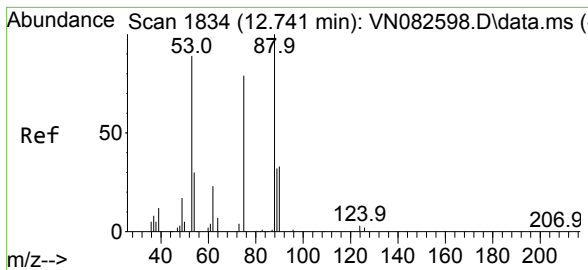
Tgt Ion:152 Resp: 72017
 Ion Ratio Lower Upper
 152 100
 115 62.2 30.6 91.6
 150 159.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.028 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082844.D
 Acq: 09 Jul 2024 17:10

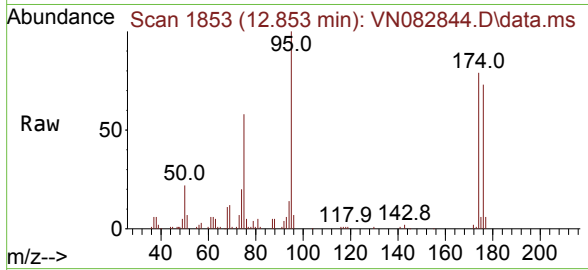
Tgt Ion: 75 Resp: 39766
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.989 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082844.D
 Acq: 09 Jul 2024 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-778-780



Tgt Ion:	75	Resp:	39766
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

