

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082501.D
 Acq On : 07 Jun 2024 18:40
 Operator : JC\MD
 Sample : P2772-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-198-200

Quant Time: Jun 08 01:02:09 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)

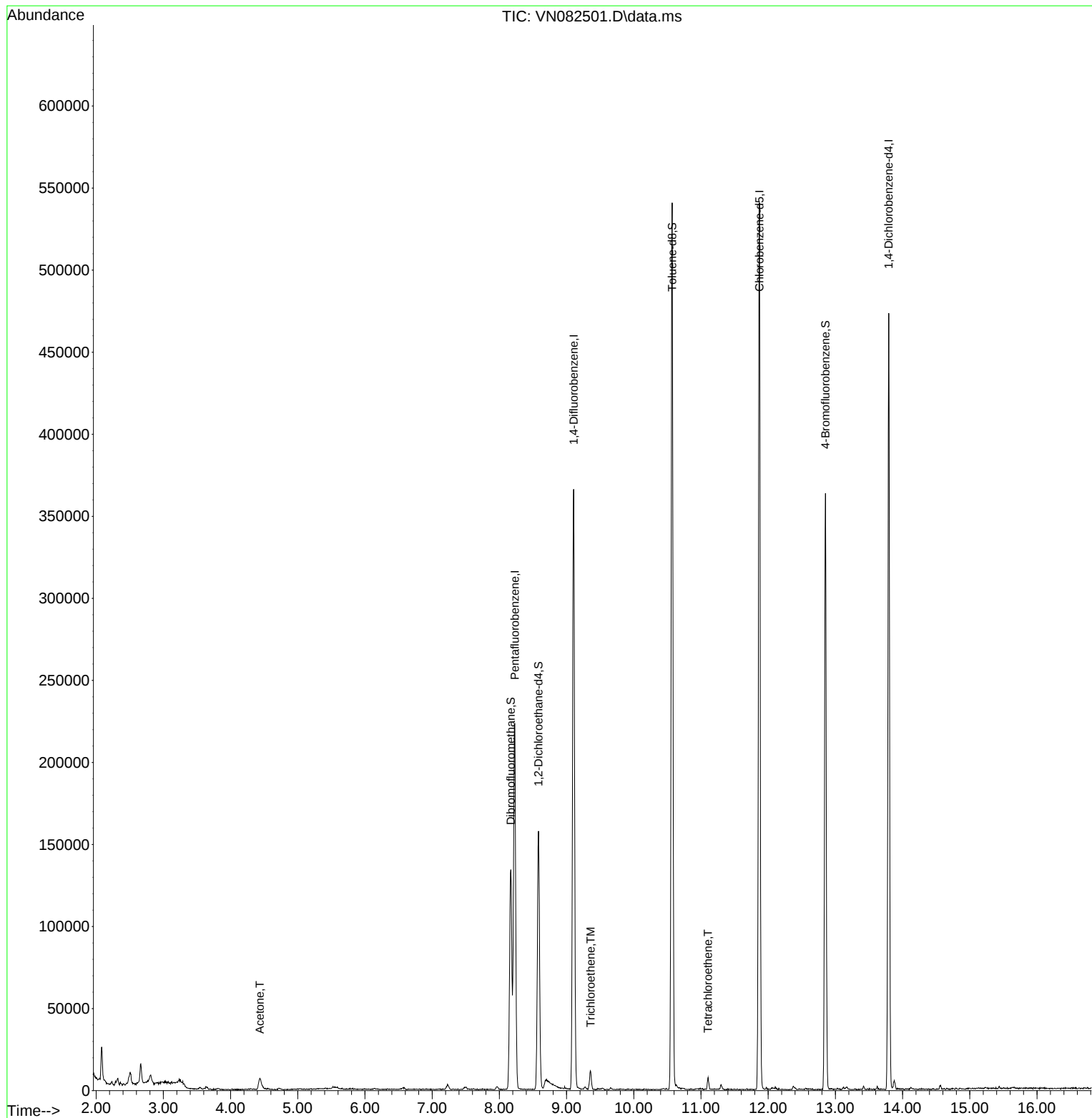
Internal Standards						
1) Pentafluorobenzene	8.229	168	157358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129400	52.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.171	113	95039	53.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.571	98	350334	50.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.853	95	114290	46.579	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.160%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	13983	13.719	ug/l	91
44) Trichloroethene	9.359	130	4335	2.128	ug/l	96
64) Tetrachloroethene	11.106	164	1468	0.705	ug/l	85

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

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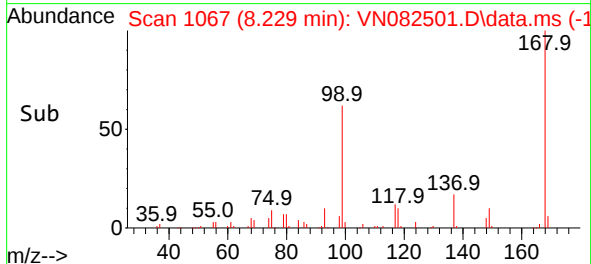
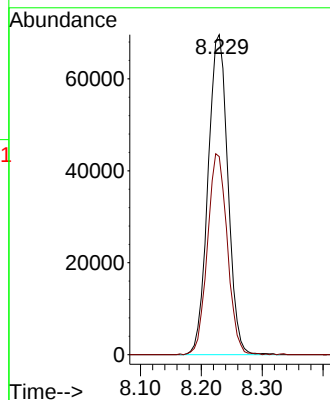
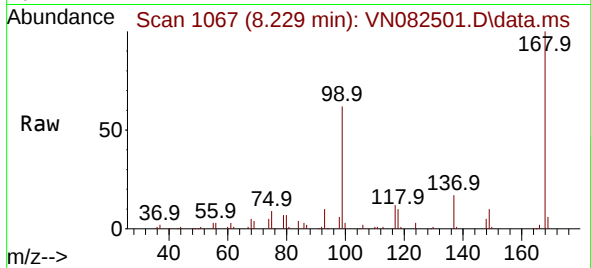




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

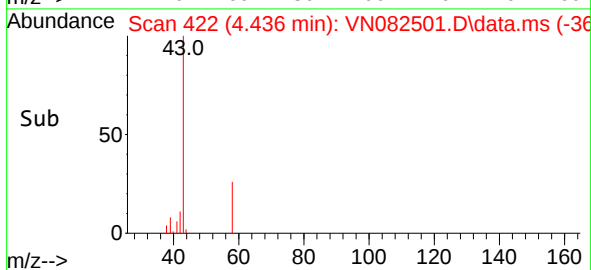
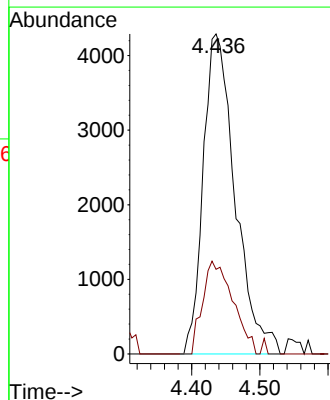
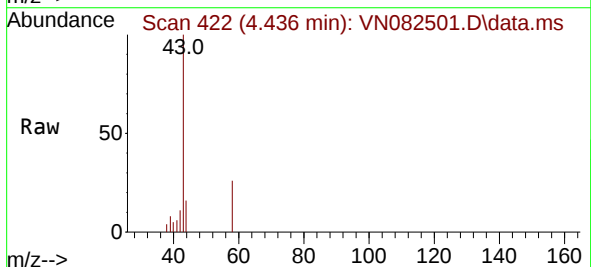
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-198-200

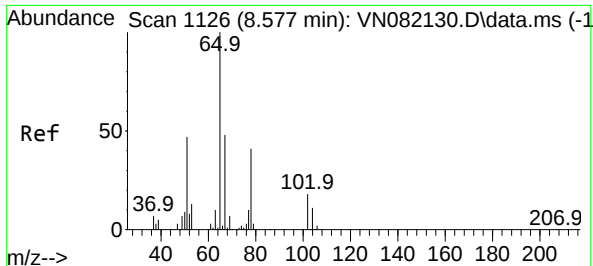
Tgt Ion:168 Resp: 157358
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#16
Acetone
Concen: 13.719 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion: 43 Resp: 13983
Ion Ratio Lower Upper
43 100
58 26.5 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 52.078 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

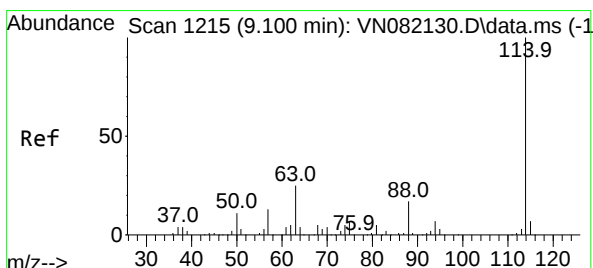
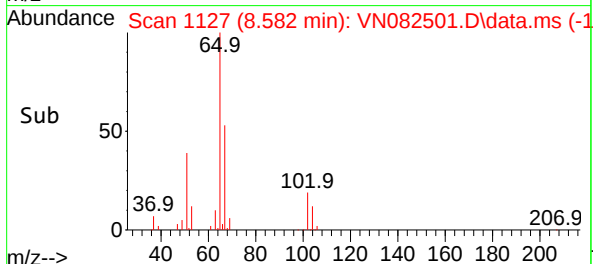
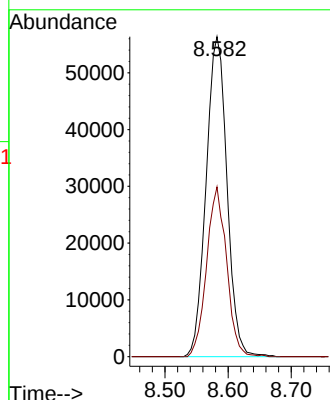
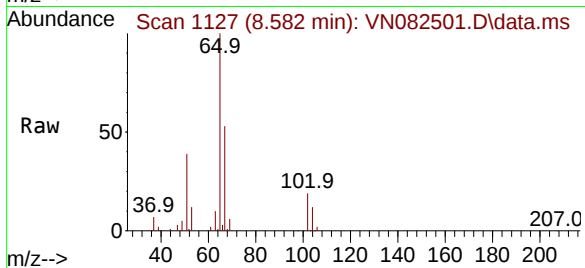
BP-VPB-189-GW-198-200

Tgt Ion: 65 Resp: 129400

Ion Ratio Lower Upper

65 100

67 50.8 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: VN082501.D

Acq: 07 Jun 2024 18:40

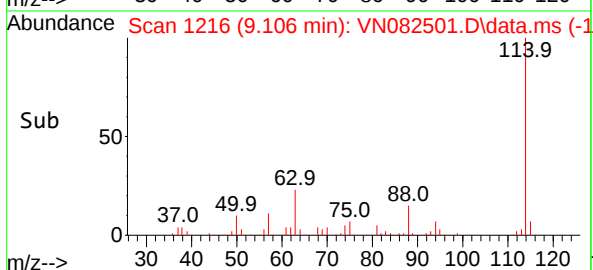
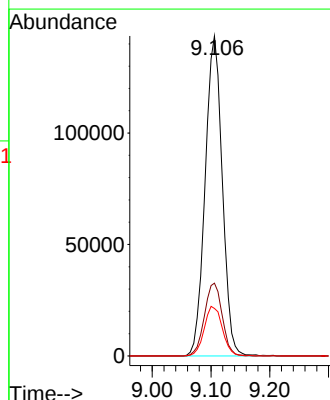
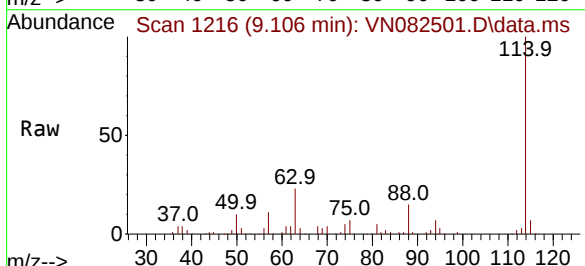
Tgt Ion: 114 Resp: 291483

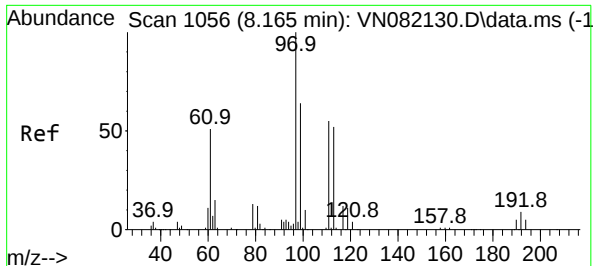
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

88 14.8 0.0 31.4

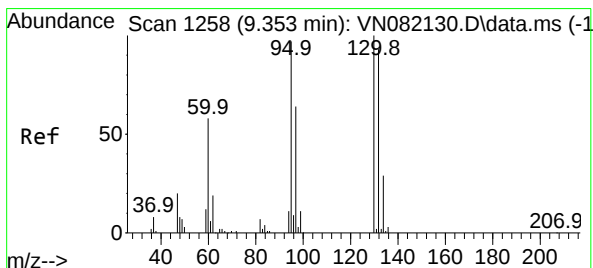
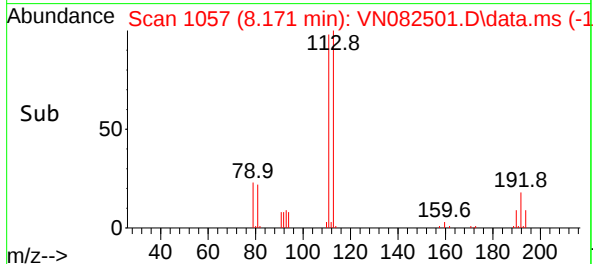
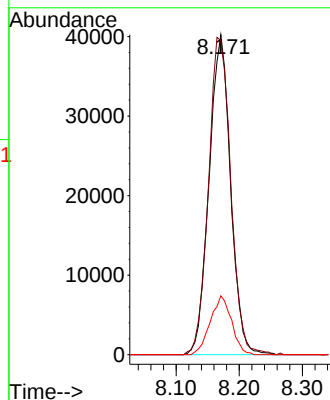
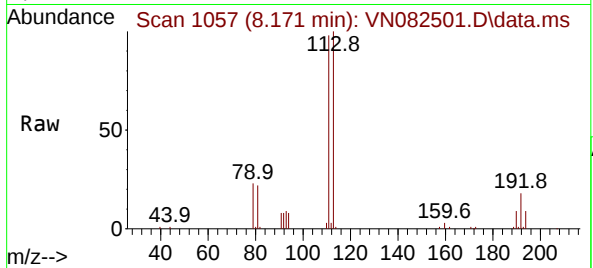




#35
Dibromofluoromethane
Concen: 53.004 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

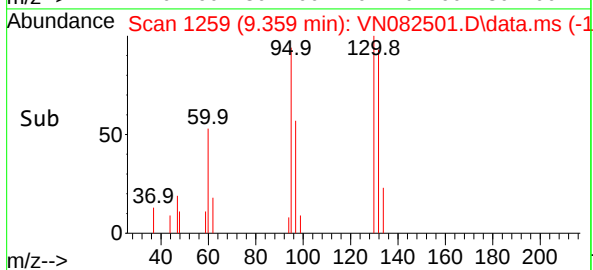
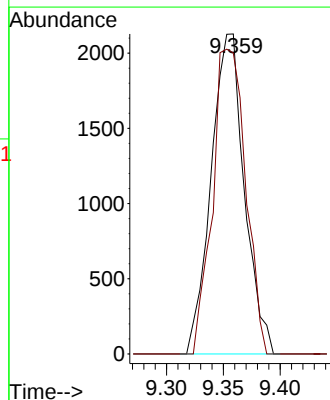
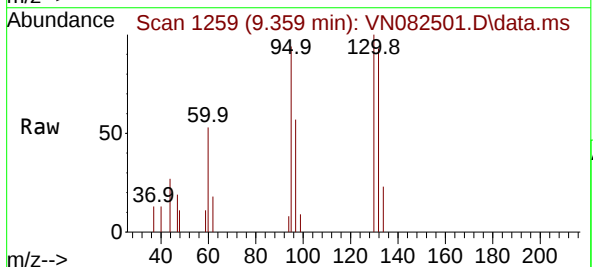
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-198-200

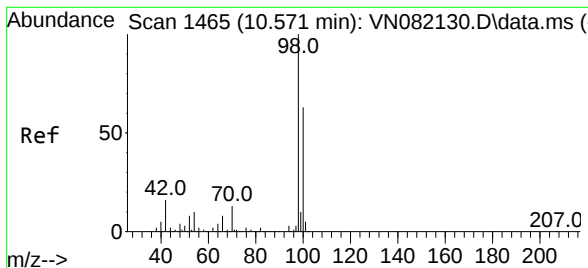
Tgt Ion:113 Resp: 95039
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 18.2 14.0 21.0



#44
Trichloroethene
Concen: 2.128 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion:130 Resp: 4335
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.4





#50

Toluene-d8

Concen: 50.961 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

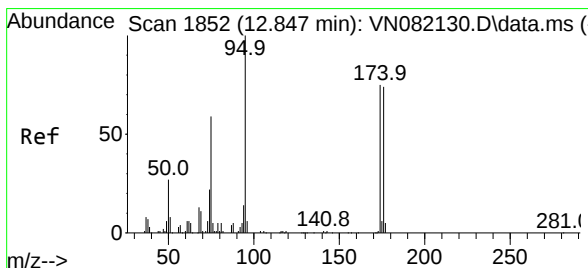
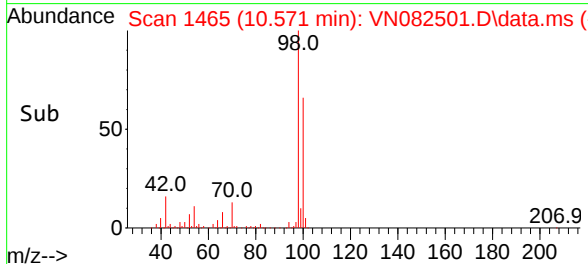
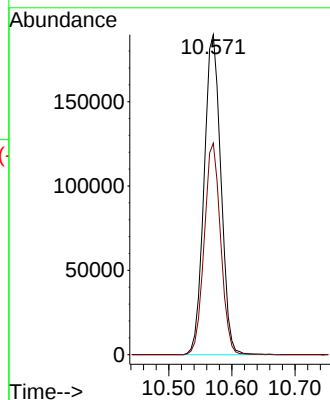
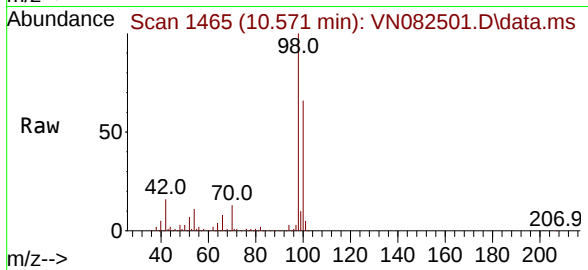
BP-VPB-189-GW-198-200

Tgt Ion: 98 Resp: 350334

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.579 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082501.D

Acq: 07 Jun 2024 18:40

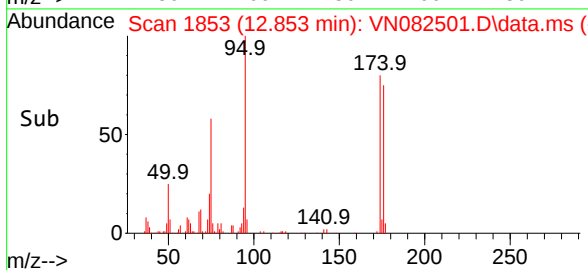
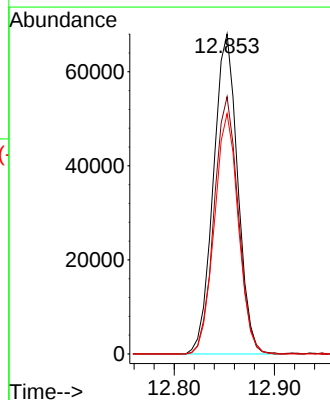
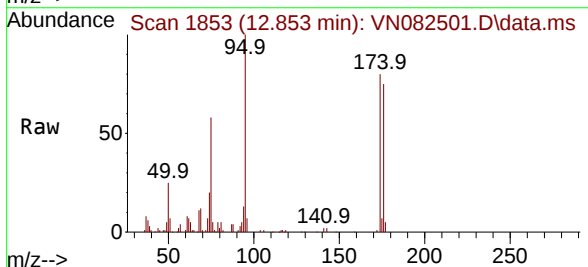
Tgt Ion: 95 Resp: 114290

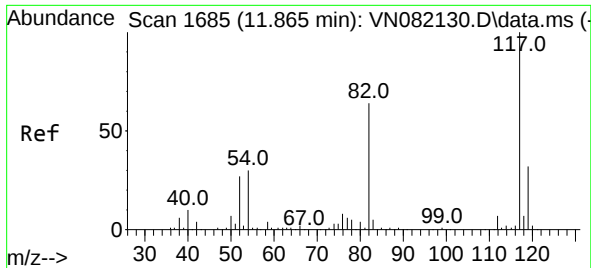
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.6

176 74.3 0.0 152.8

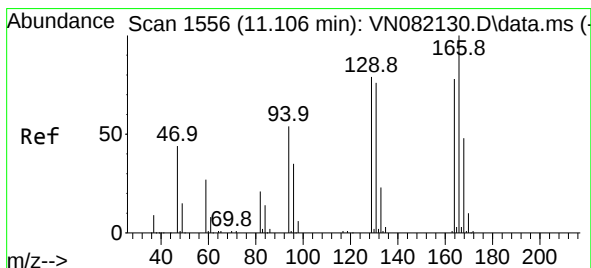
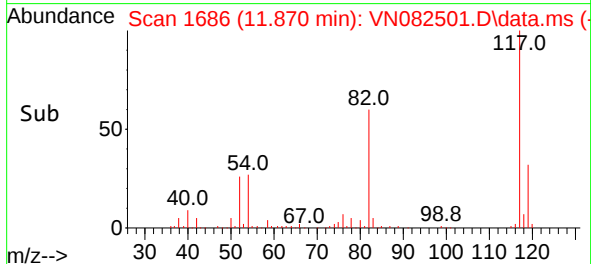
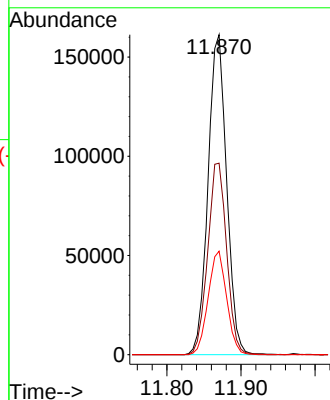
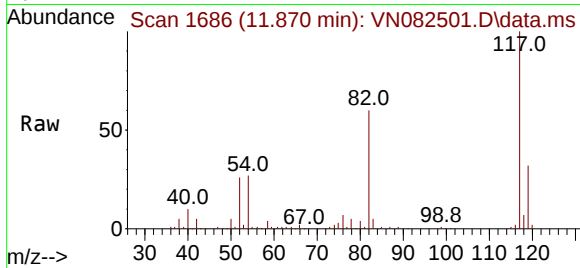




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

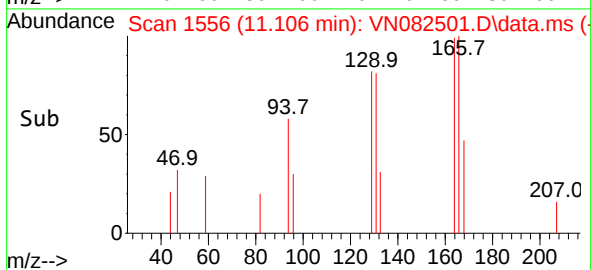
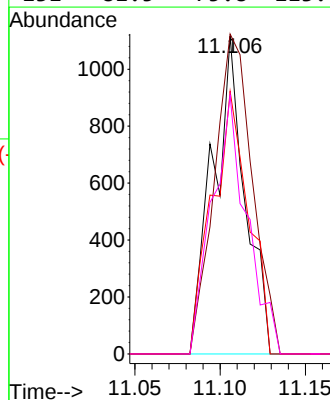
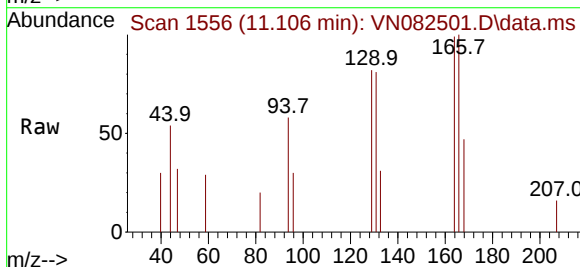
Instrument :
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BP-VPB-189-GW-198-200

Tgt Ion:117 Resp: 280922
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 0.705 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082501.D
Acq: 07 Jun 2024 18:40

Tgt Ion:164 Resp: 1468
Ion Ratio Lower Upper
164 100
166 100.7 97.6 146.4
129 82.7 73.7 110.5
131 81.5 75.8 113.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082501.D
 Acq: 07 Jun 2024 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-198-200

Tgt Ion:152 Resp: 116172
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.4 91.3
 150 156.6 0.0 353.2

