

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082885.D
 Acq On : 11 Jul 2024 18:46
 Operator : JC\MD
 Sample : P3222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927

Quant Time: Jul 12 01:11:04 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	116341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87818	53.848	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.700%		
35) Dibromofluoromethane	8.171	113	71927	50.772	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.571	98	258060	49.319	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.640%		
62) 4-Bromofluorobenzene	12.853	95	91819	48.852	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 97.700%		

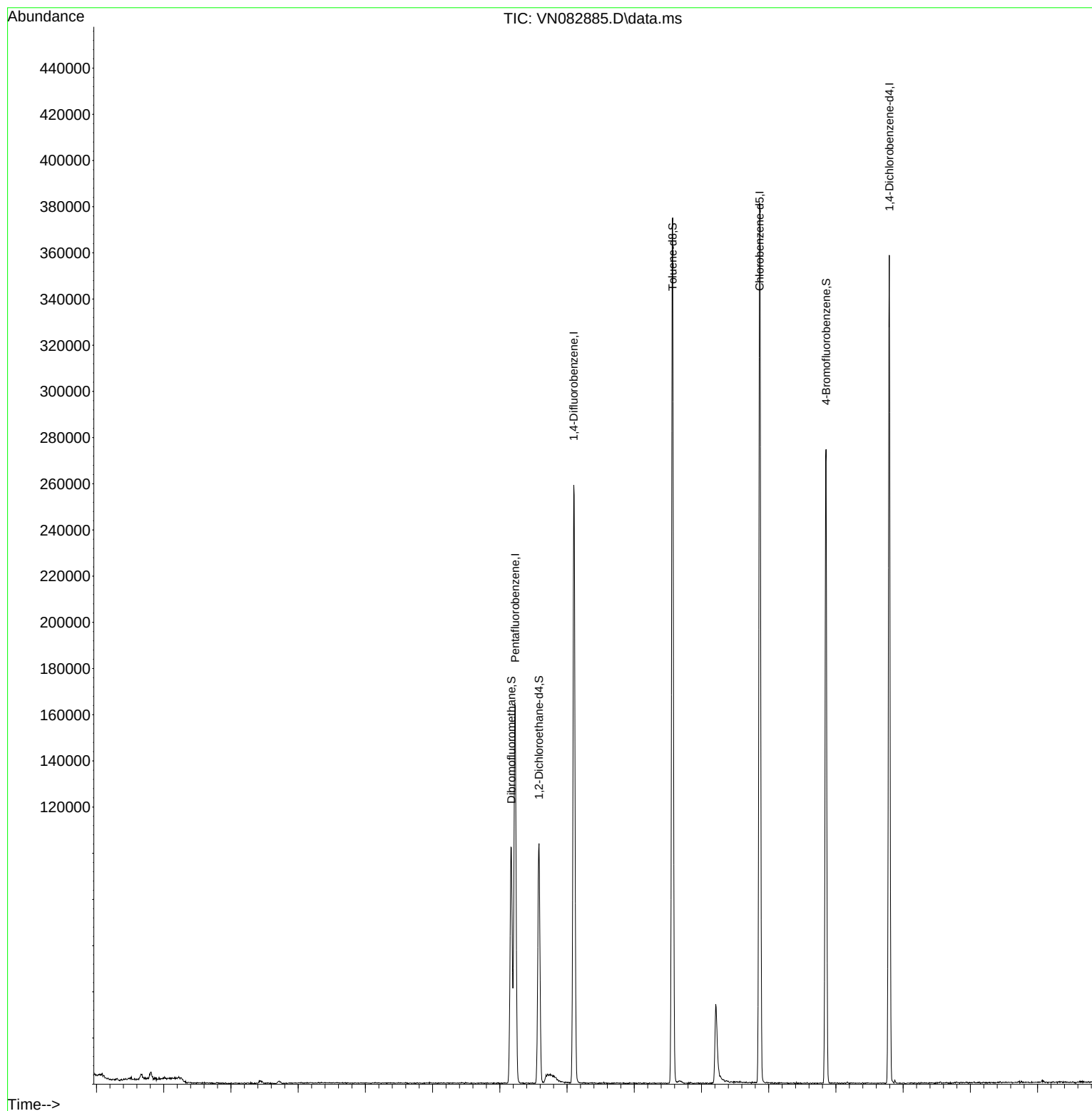
Target Compounds Qvalue

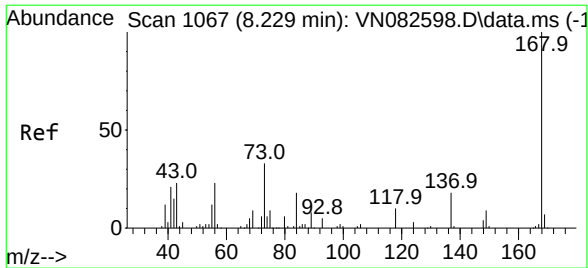
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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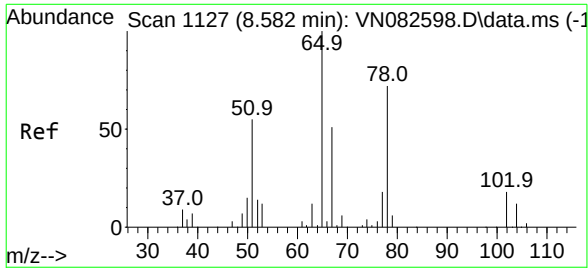
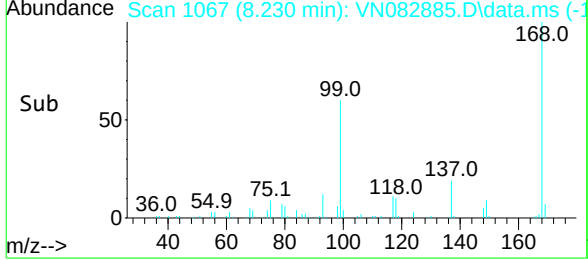
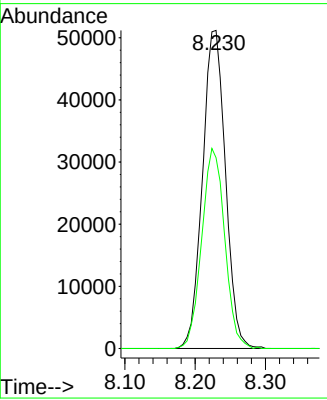
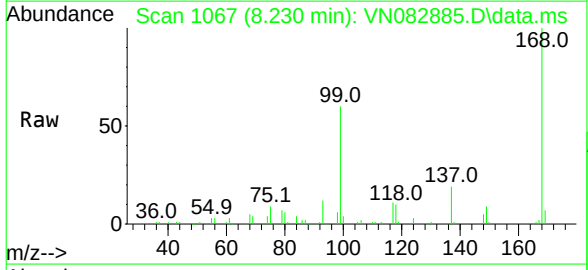




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. 0.001 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

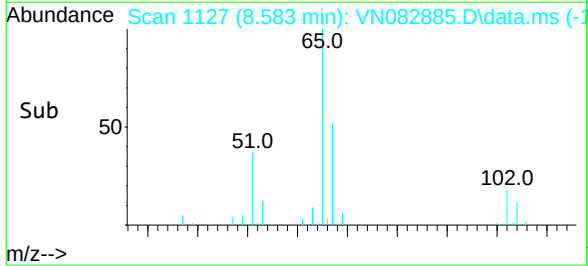
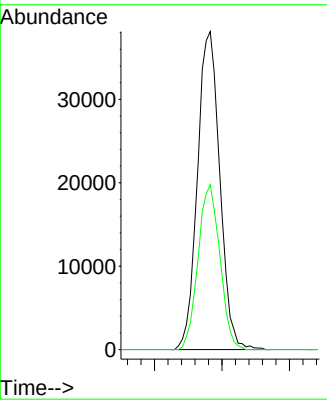
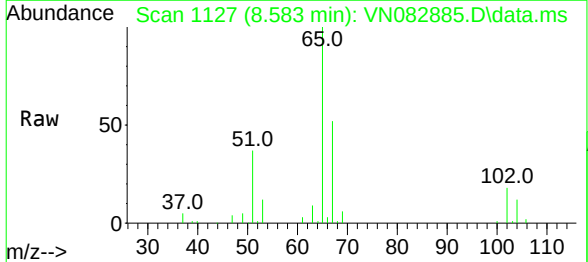
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-925-927

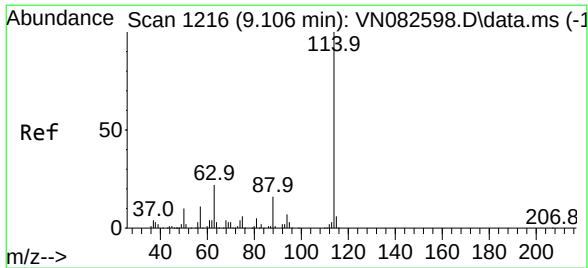
Tgt Ion:168 Resp: 116341
 Ion Ratio Lower Upper
 168 100
 99 60.0 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.848 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

Tgt Ion: 65 Resp: 87818
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.4

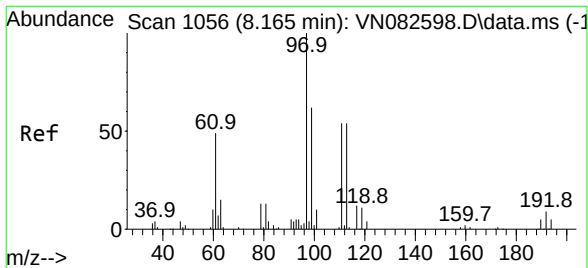
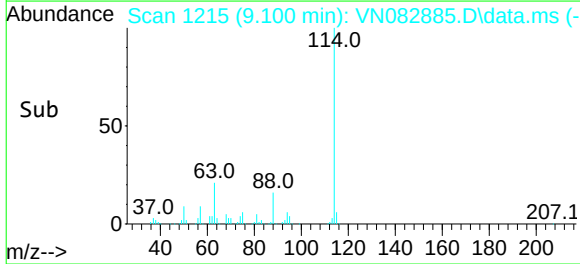
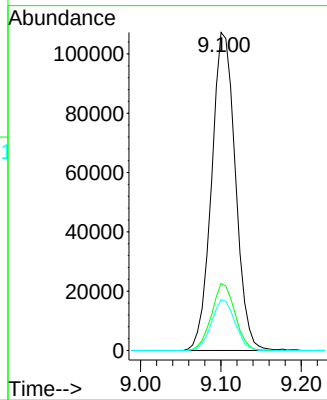
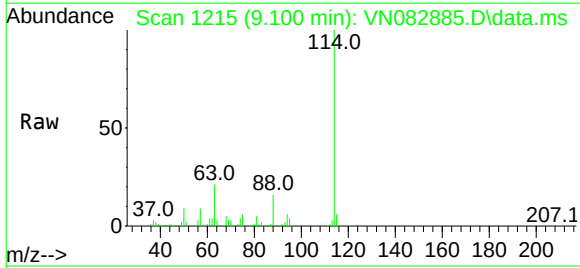




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

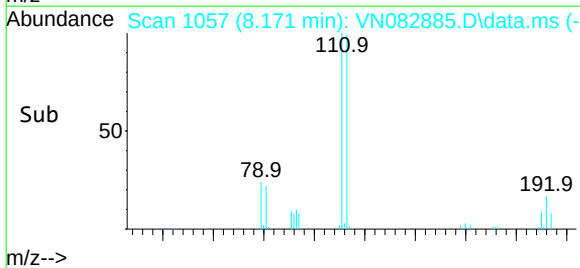
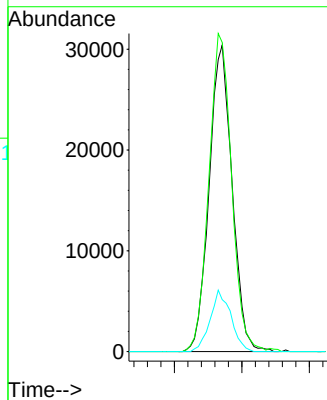
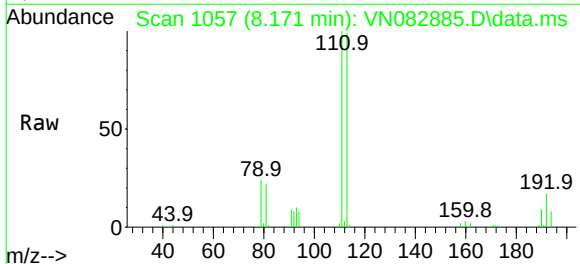
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-196-GW-925-927

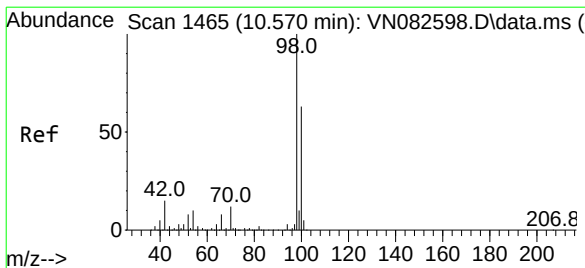
Tgt Ion:	114	Resp:	220778
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.6
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 50.772 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082885.D
 Acq: 11 Jul 2024 18:46

Tgt Ion:	113	Resp:	71927
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	18.1	14.9	22.3





#50

Toluene-d8

Concen: 49.319 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN082885.D

Acq: 11 Jul 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

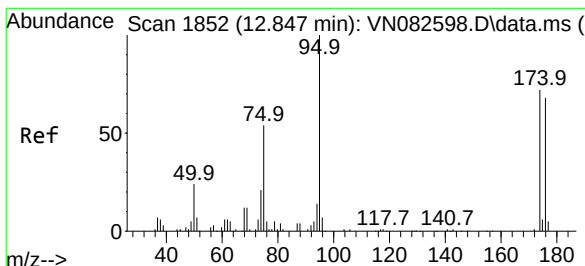
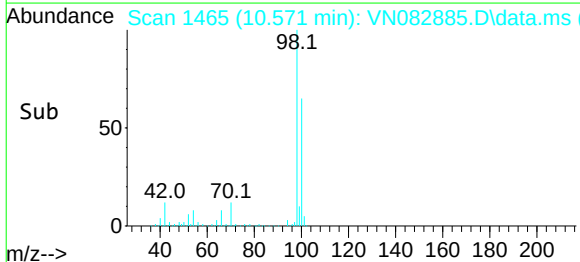
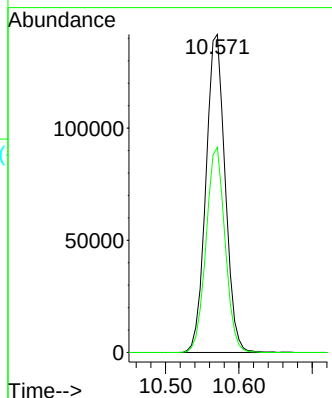
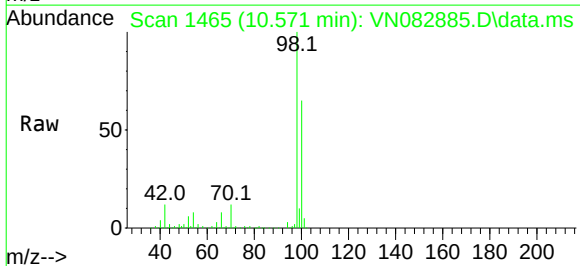
BP-VPB-196-GW-925-927

Tgt Ion: 98 Resp: 258060

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.852 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082885.D

Acq: 11 Jul 2024 18:46

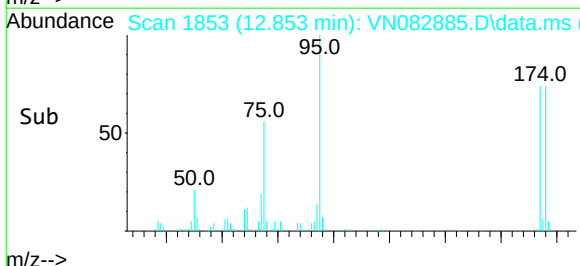
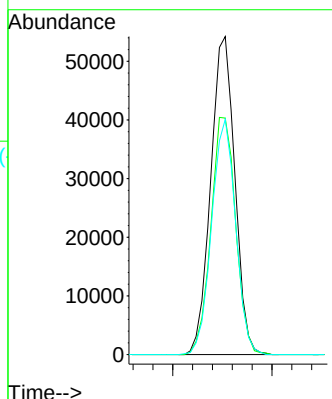
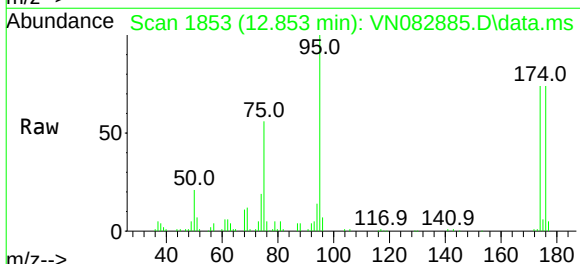
Tgt Ion: 95 Resp: 91819

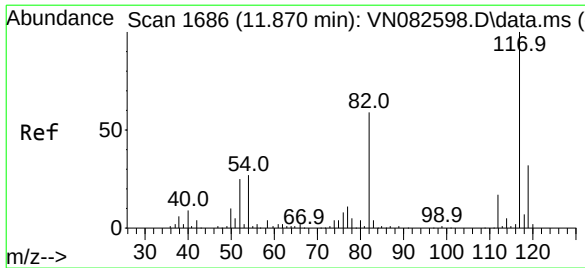
Ion Ratio Lower Upper

95 100

174 76.3 0.0 159.2

176 73.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.005 min

Lab File: VN082885.D

Acq: 11 Jul 2024 18:46

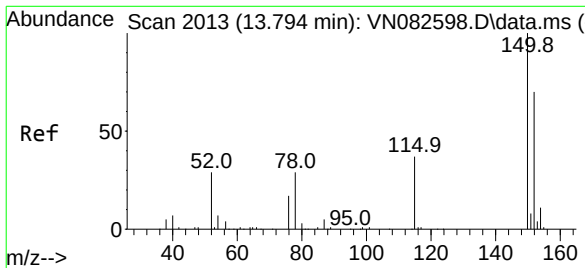
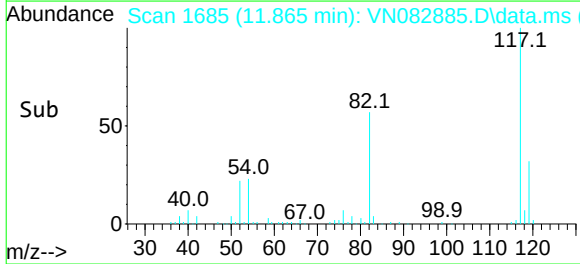
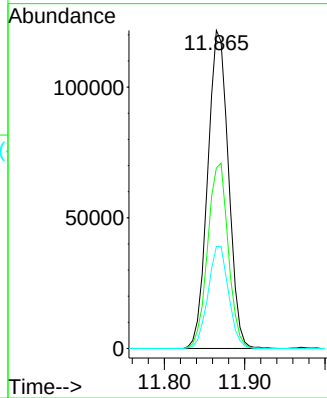
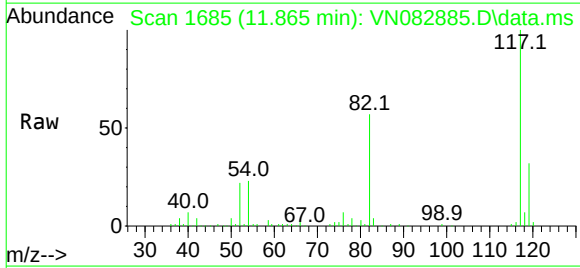
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-925-927

Tgt Ion:117	Resp: 218345
Ion Ratio	Lower Upper
117 100	
82 56.8	47.5 71.3
119 32.0	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: VN082885.D

Acq: 11 Jul 2024 18:46

Tgt Ion:152	Resp: 92013
Ion Ratio	Lower Upper
152 100	
115 62.1	30.6 91.6
150 159.6	0.0 348.6

