

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085430.D
 Acq On : 13 Jan 2025 16:42
 Operator : JC\MD
 Sample : Q1062-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-GW-898-900

Quant Time: Jan 13 17:22:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144609	53.800	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.600%		
35) Dibromofluoromethane	8.165	113	109324	49.862	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.720%		
50) Toluene-d8	10.565	98	369034	45.868	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.740%		
62) 4-Bromofluorobenzene	12.847	95	121616	45.515	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.020%		

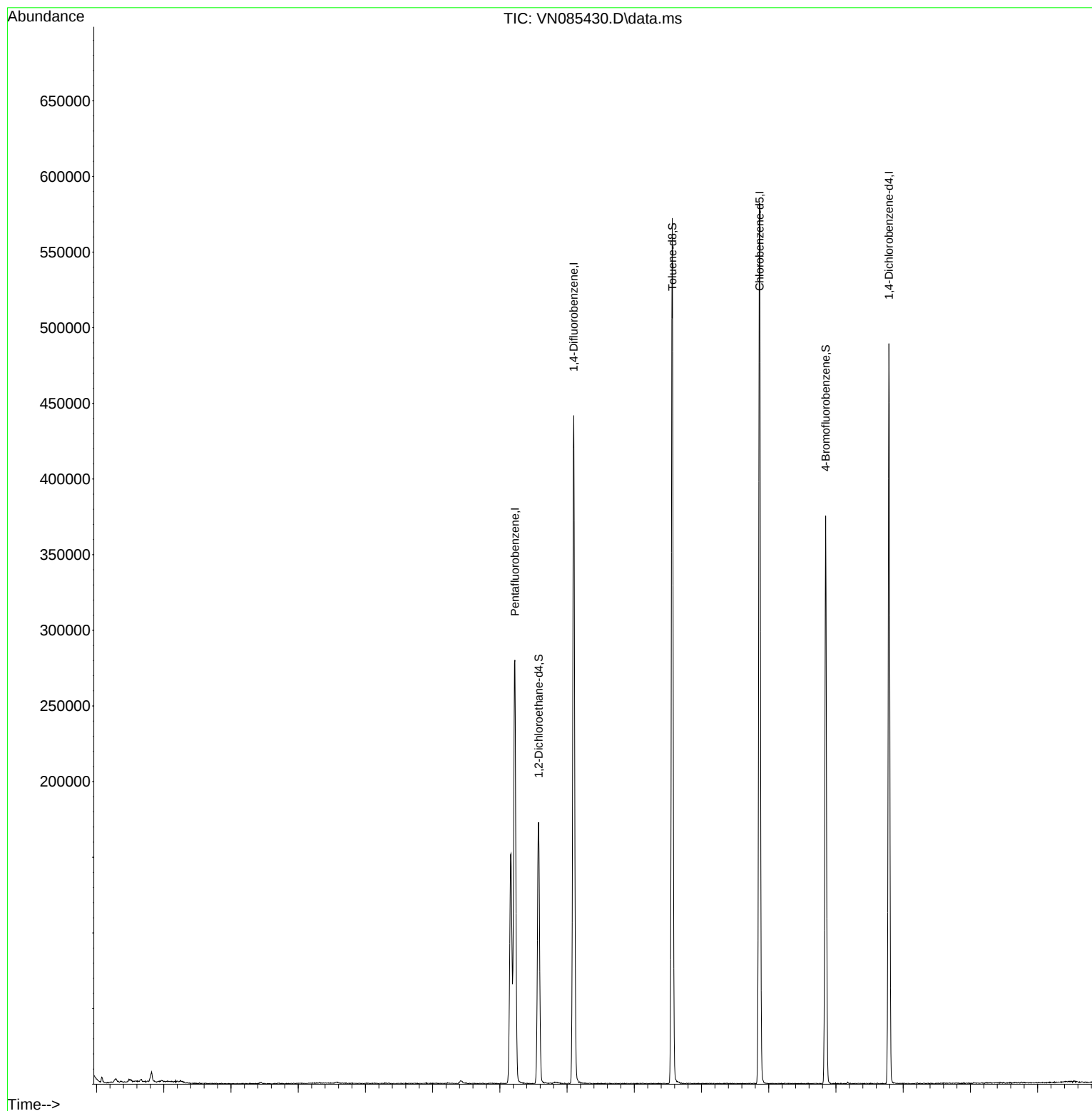
Target Compounds Qvalue

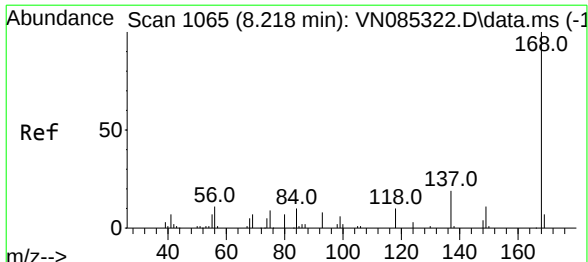
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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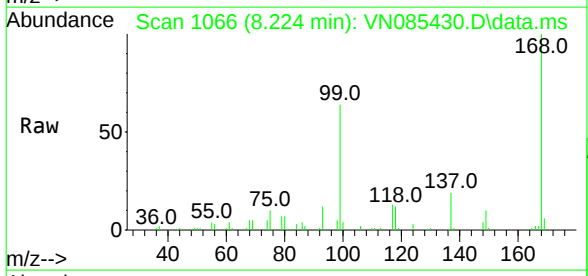
Quant Time: Jan 13 17:22:21 2025
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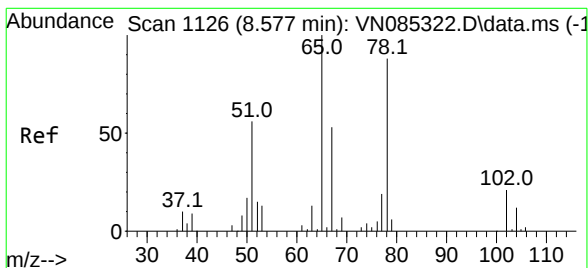
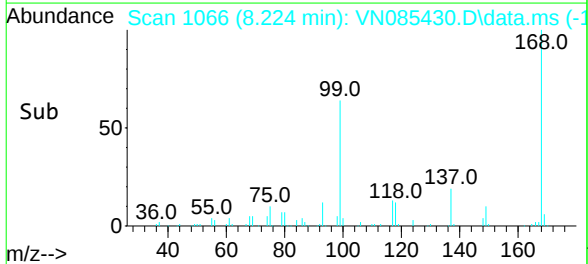
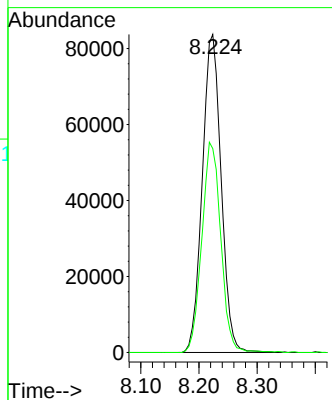


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085430.D
 Acq: 13 Jan 2025 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-GW-898-900

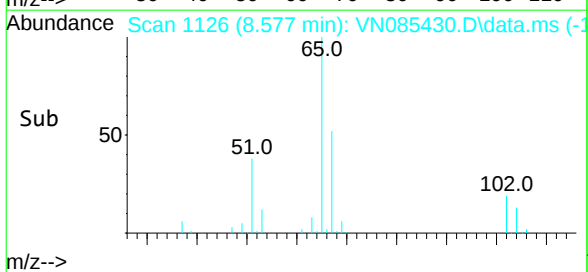
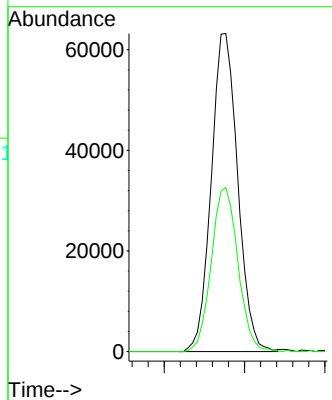
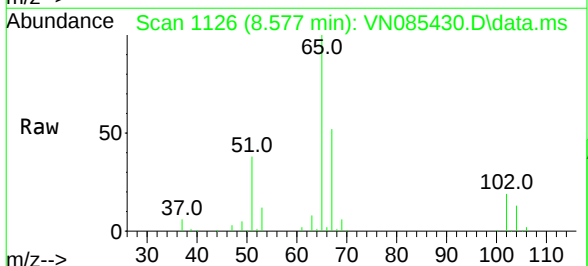


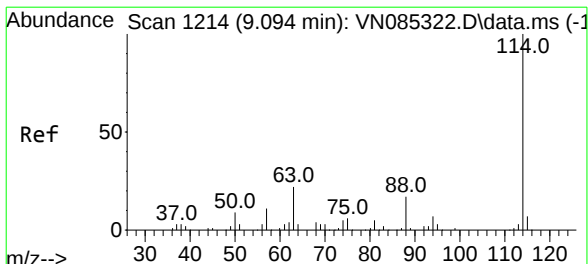
Tgt Ion: 168 Resp: 188453
 Ion Ratio Lower Upper
 168 100
 99 64.1 51.0 76.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.800 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085430.D
 Acq: 13 Jan 2025 16:42

Tgt Ion: 65 Resp: 144609
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0

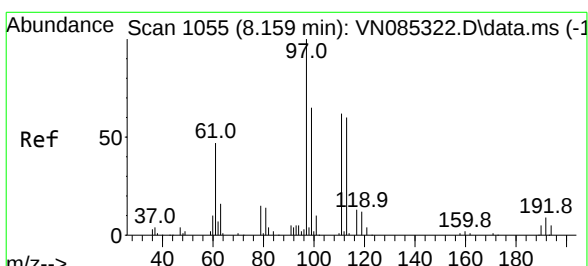
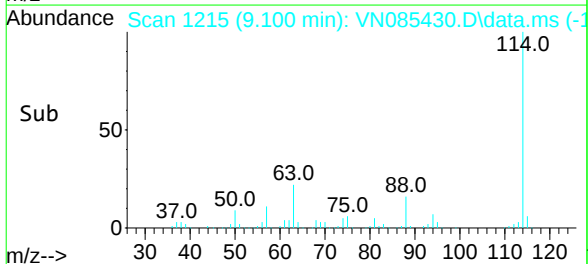
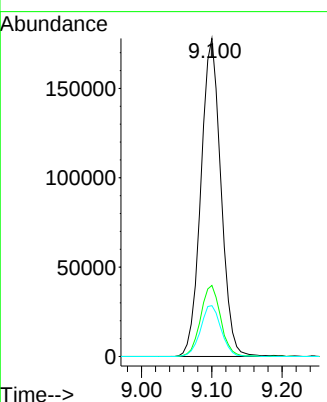
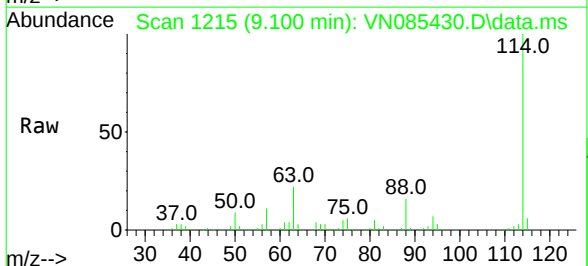




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085430.D
 Acq: 13 Jan 2025 16:42

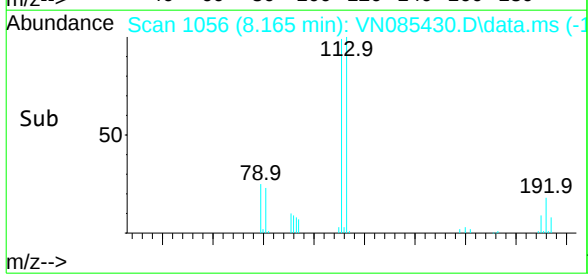
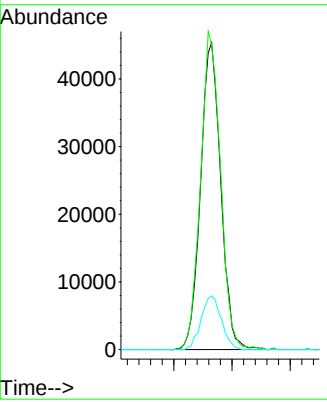
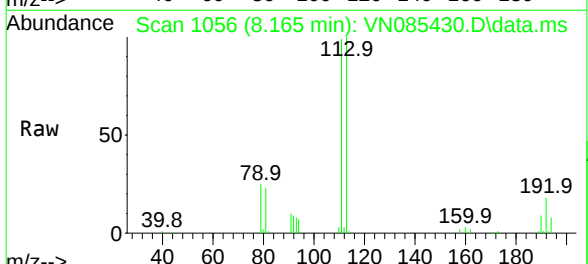
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190A-GW-898-900

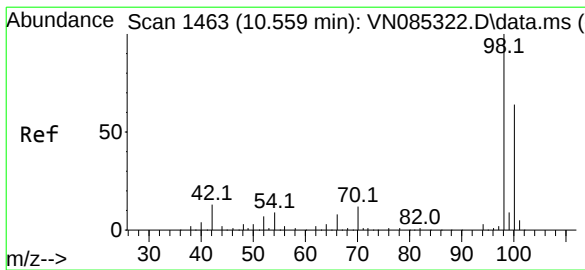
Tgt Ion:	114	Resp:	351449
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	16.0	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 49.862 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085430.D
 Acq: 13 Jan 2025 16:42

Tgt Ion:	113	Resp:	109324
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.5	120.7
192	17.6	12.9	19.3





#50

Toluene-d8

Concen: 45.868 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

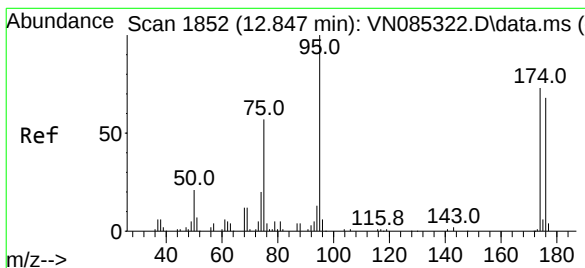
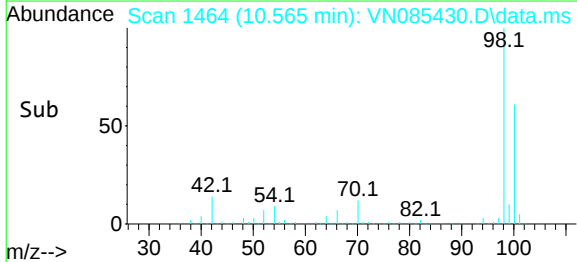
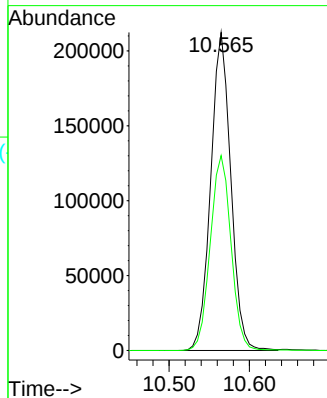
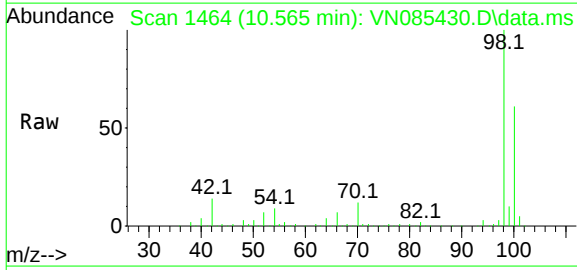
BP-VPB-190A-GW-898-900

Tgt Ion: 98 Resp: 369034

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.515 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

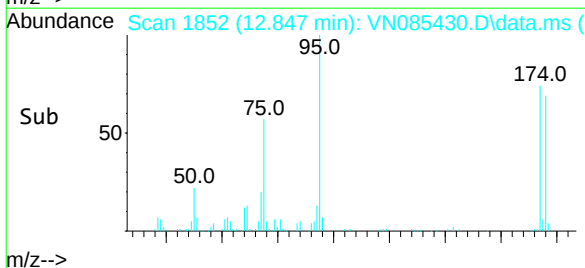
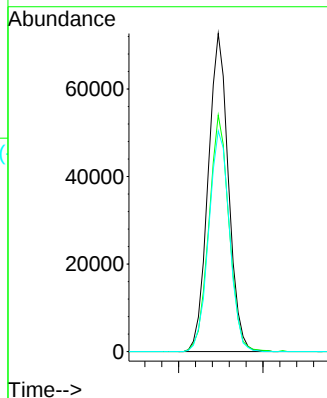
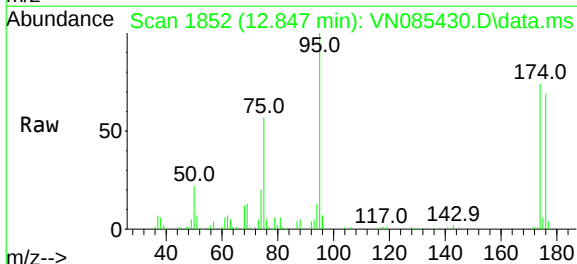
Tgt Ion: 95 Resp: 121616

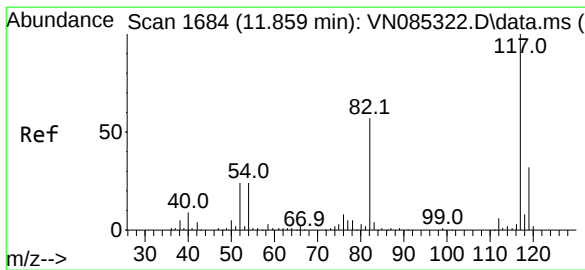
Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.2

176 70.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190A-GW-898-900

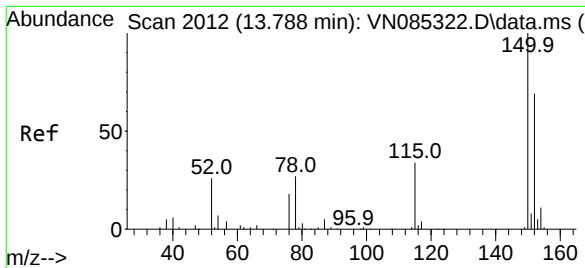
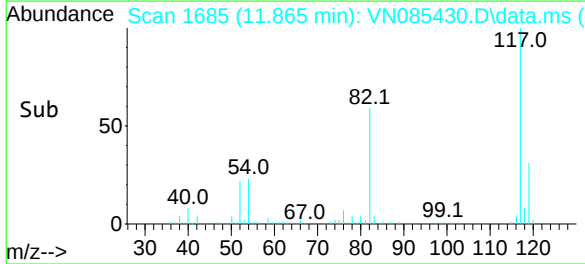
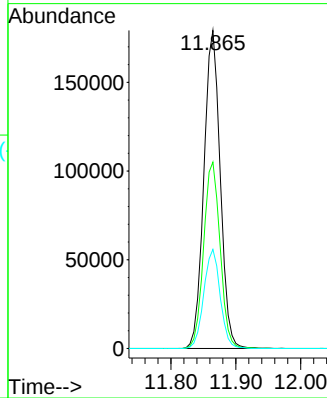
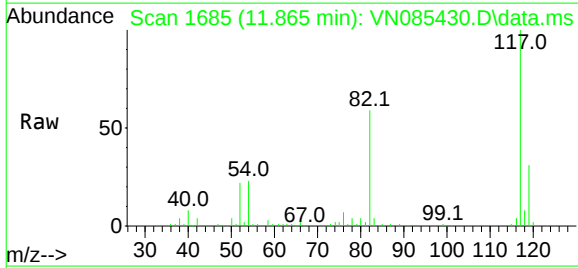
Tgt Ion:117 Resp: 313757

Ion Ratio Lower Upper

117 100

82 58.6 45.7 68.5

119 31.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Tgt Ion:152 Resp: 124648

Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.3

150 157.0 0.0 345.0

