

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085582.D
 Acq On : 30 Jan 2025 16:18
 Operator : JC\MD
 Sample : Q1211-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-02-012825-T4

Quant Time: Jan 31 02:37:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150937	56.905	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.800%		
35) Dibromofluoromethane	8.165	113	113569	53.272	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.540%		
50) Toluene-d8	10.565	98	379444	50.095	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.180%		
62) 4-Bromofluorobenzene	12.847	95	111091	42.875	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.740%		

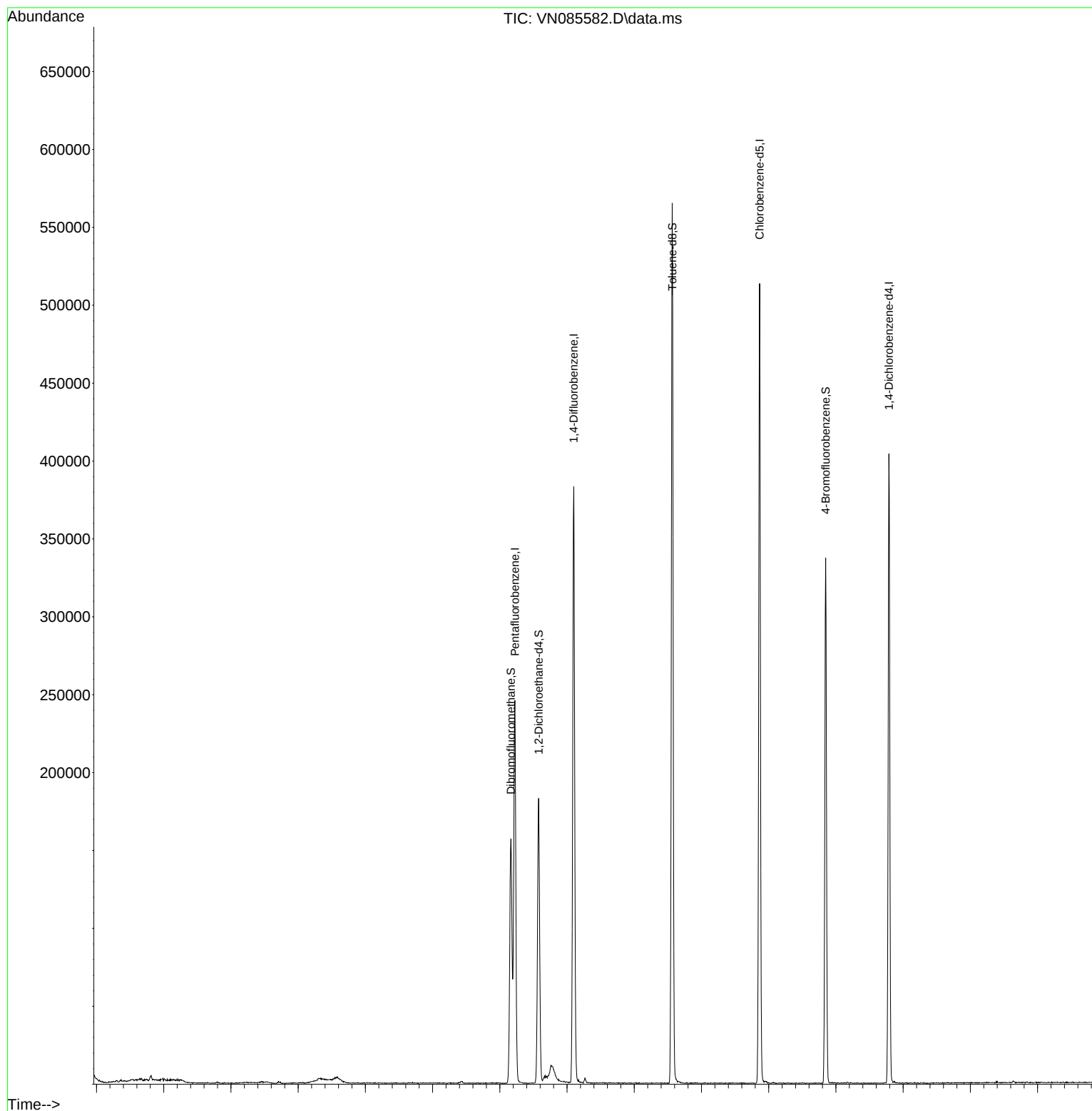
Target Compounds Qvalue

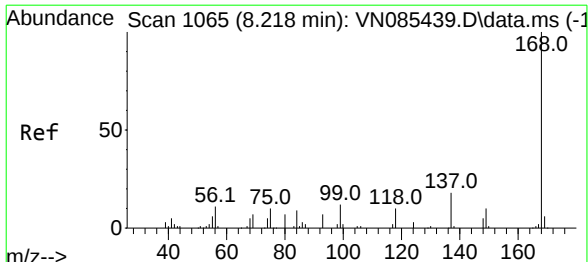
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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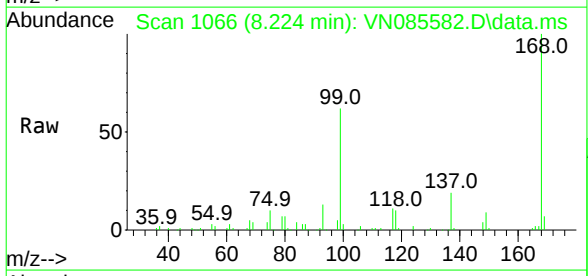
Quant Time: Jan 31 02:37:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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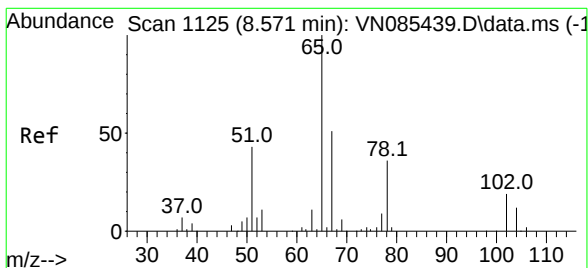
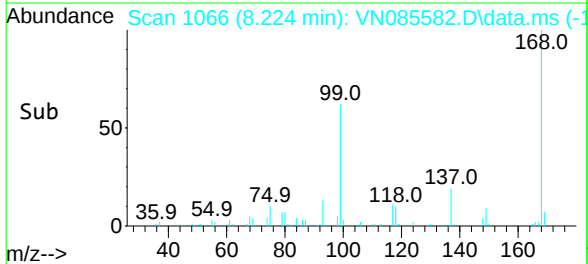
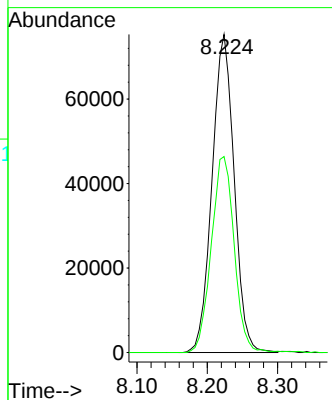


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-02-012825-T4

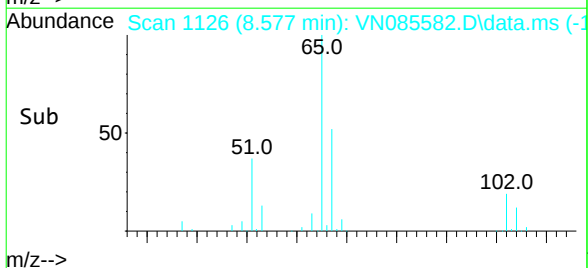
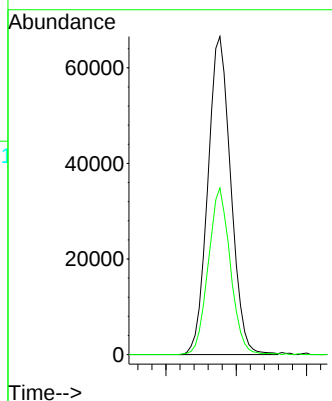
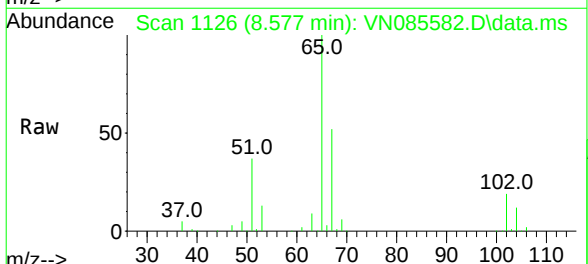


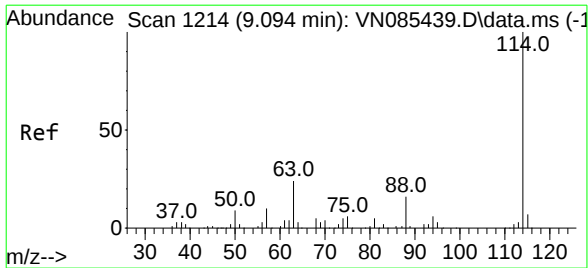
Tgt Ion:168 Resp: 164319
 Ion Ratio Lower Upper
 168 100
 99 61.6 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.905 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

Tgt Ion: 65 Resp: 150937
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.6

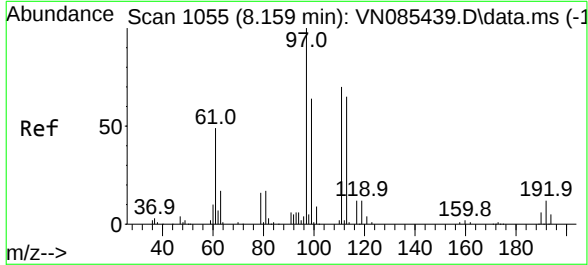
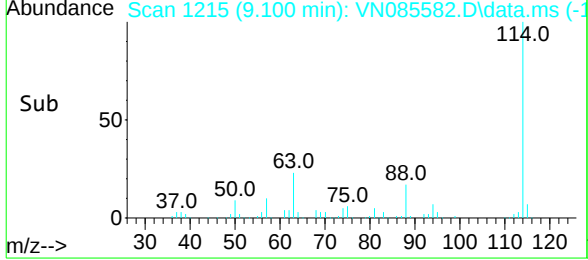
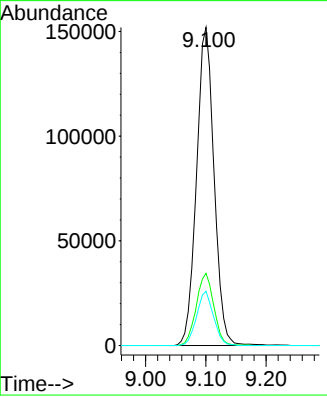
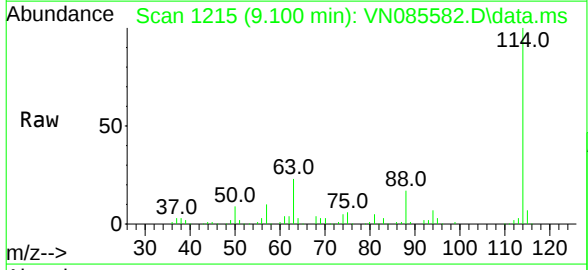




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

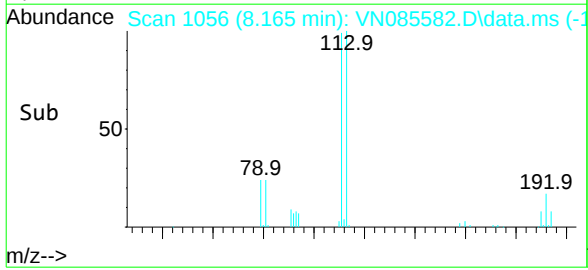
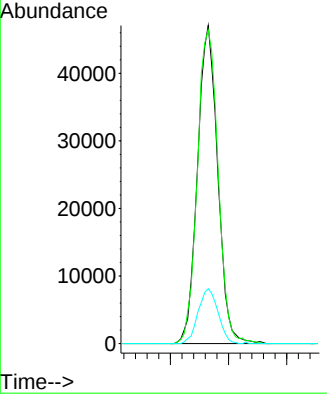
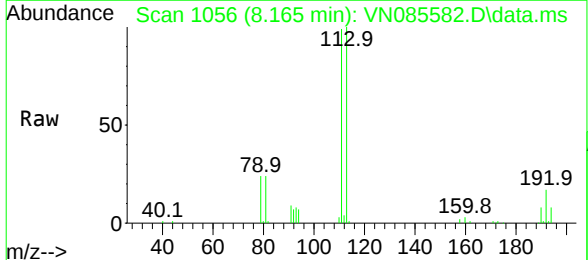
Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-02-012825-T4

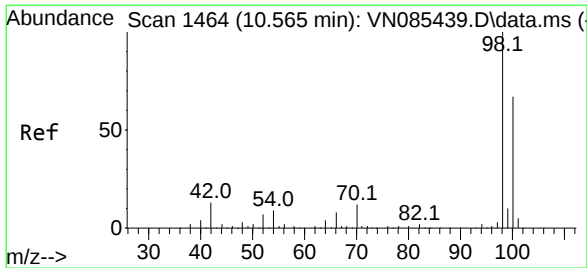
Tgt Ion:	114	Resp:	307297
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.6
88	17.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 53.272 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

Tgt Ion:	113	Resp:	113569
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	16.9	14.3	21.5





#50

Toluene-d8

Concen: 50.095 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

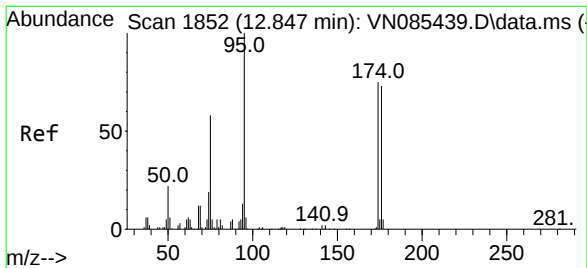
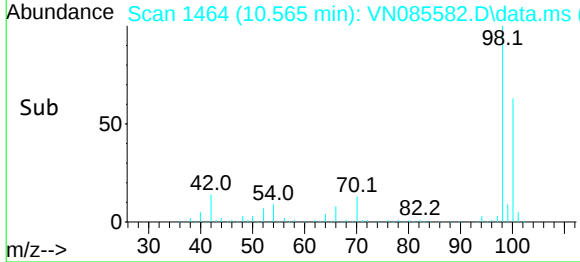
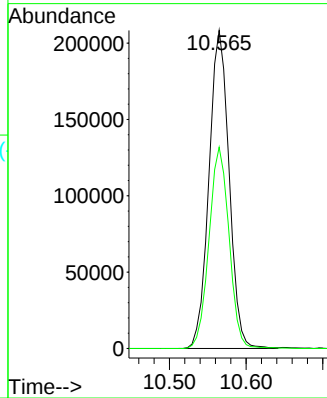
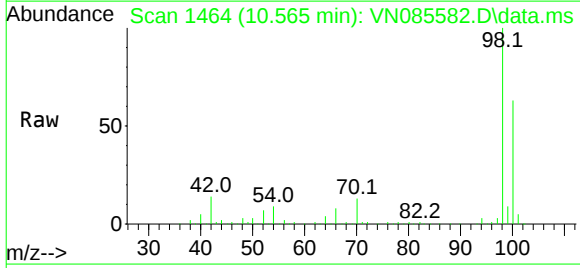
TAP-TB-02-012825-T4

Tgt Ion: 98 Resp: 379444

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.875 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

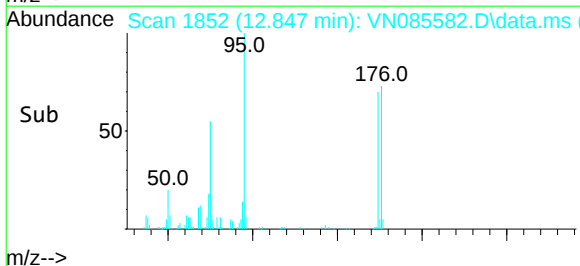
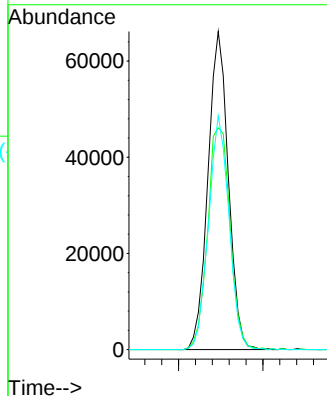
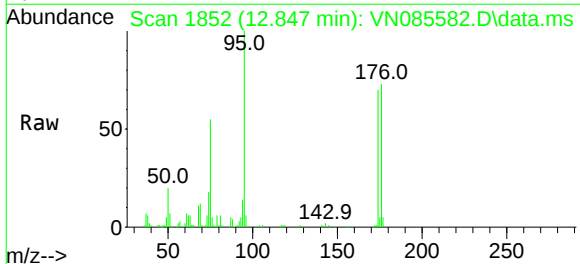
Tgt Ion: 95 Resp: 111091

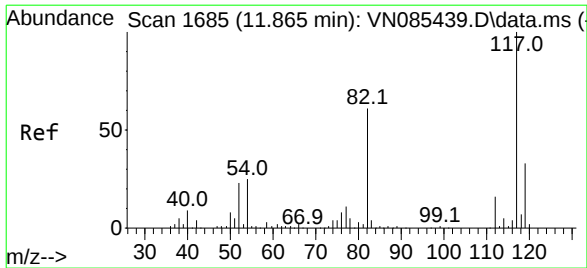
Ion Ratio Lower Upper

95 100

174 77.1 0.0 145.0

176 73.9 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

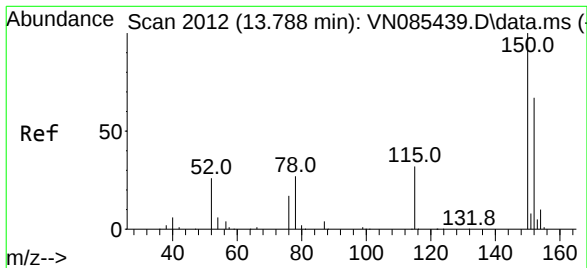
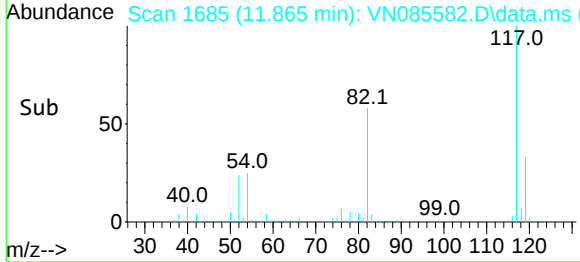
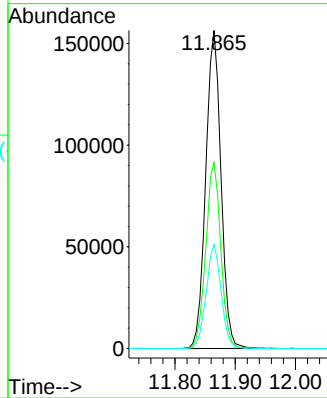
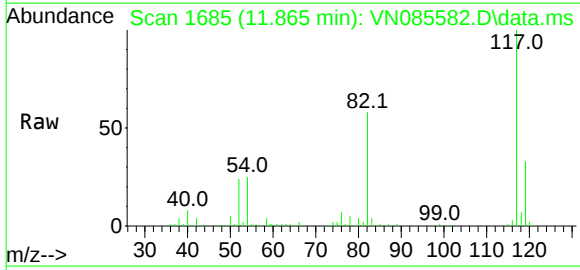
Instrument :

MSVOA_N

ClientSampleId :

TAP-TB-02-012825-T4

Tgt Ion:	117	Resp:	274602
Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	32.7	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

Tgt Ion:	152	Resp:	105344
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.1	93.3
150	156.0	0.0	343.6

