

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085512.D
 Acq On : 21 Jan 2025 13:06
 Operator : JC\MD
 Sample : Q1140-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-F06078

Quant Time: Jan 22 01:15:02 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	8.218	168	184482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	293275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	159288	53.490	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.980%		
35) Dibromofluoromethane	8.159	113	119329	50.865	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.740%		
50) Toluene-d8	10.559	98	409792	49.164	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.320%		
62) 4-Bromofluorobenzene	12.847	95	127289	44.643	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.280%		

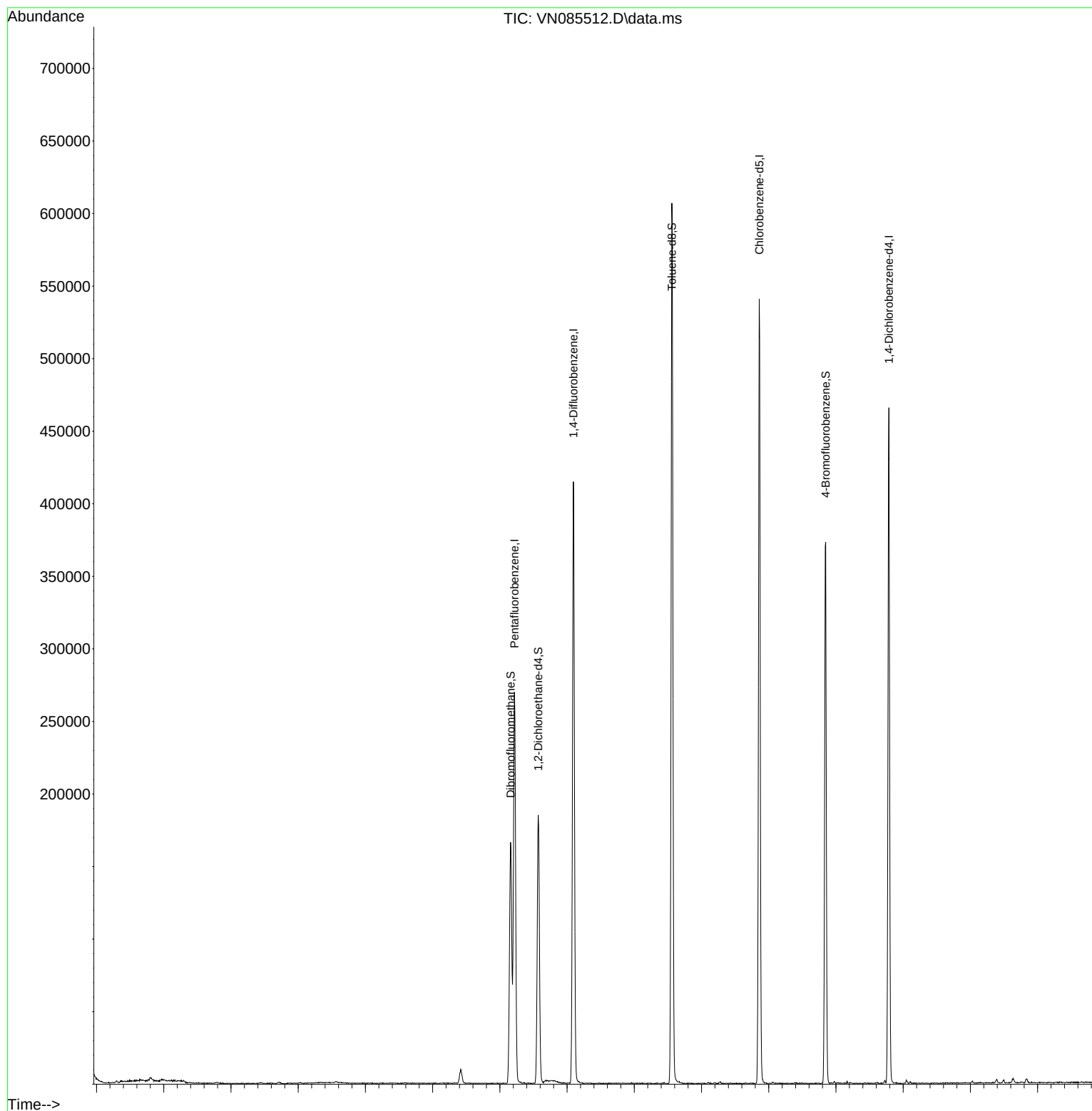
Target Compounds Qvalue

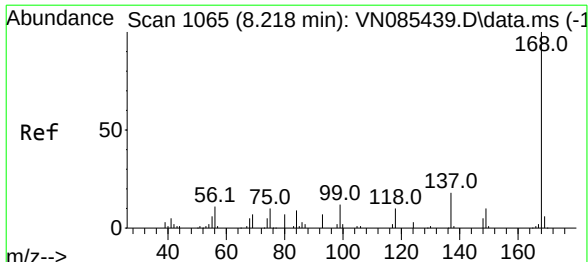
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
Data File : VN085512.D
Acq On : 21 Jan 2025 13:06
Operator : JC\MD
Sample : Q1140-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-F06078

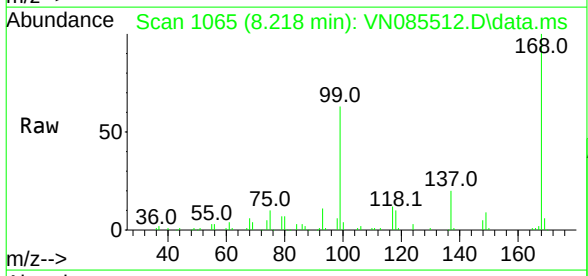
Quant Time: Jan 22 01:15:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



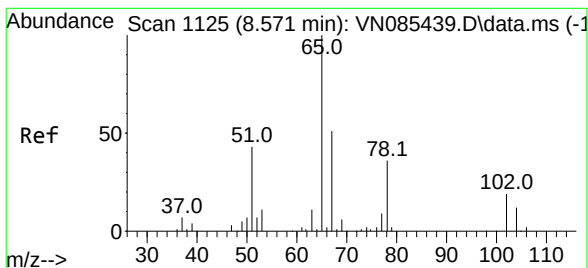
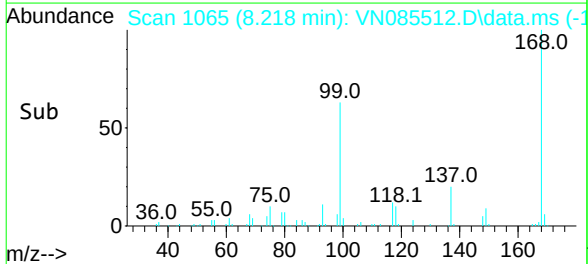
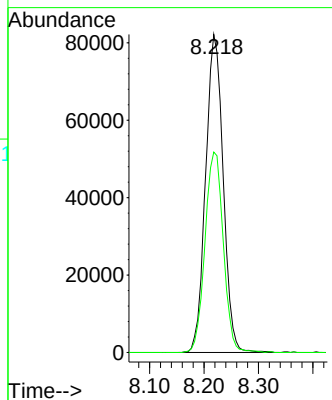


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN085512.D
 Acq: 21 Jan 2025 13:06

Instrument : MSVOA_N
 ClientSampleId : FRAC-TANK-F06078

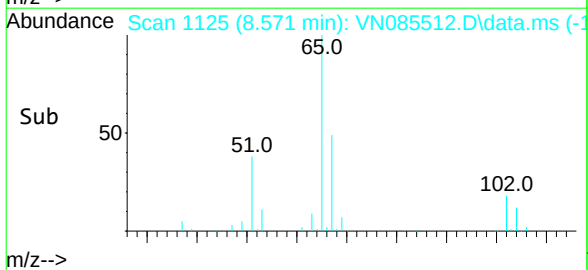
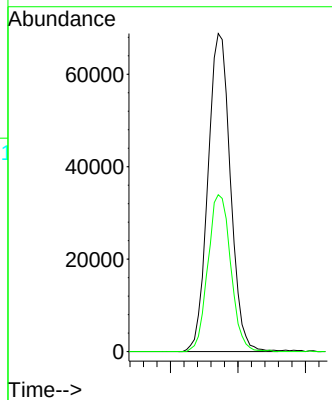
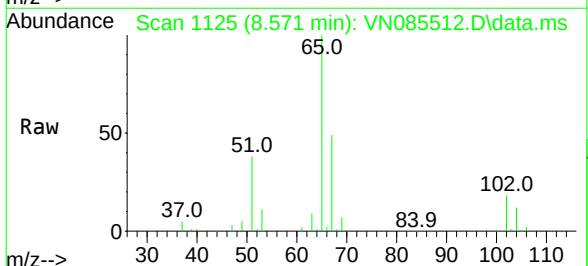


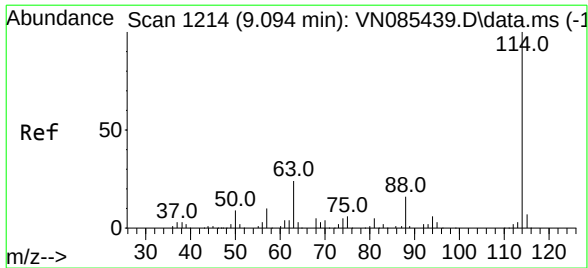
Tgt Ion: 168 Resp: 184482
 Ion Ratio Lower Upper
 168 100
 99 63.0 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.490 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085512.D
 Acq: 21 Jan 2025 13:06

Tgt Ion: 65 Resp: 159288
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6

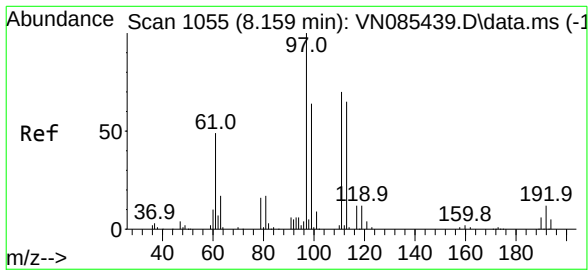
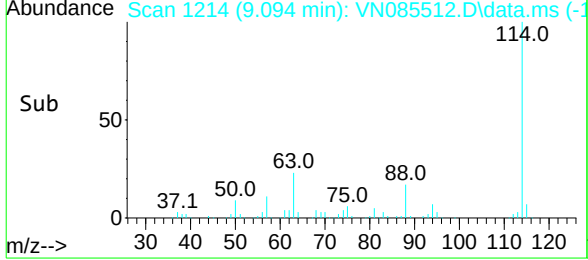
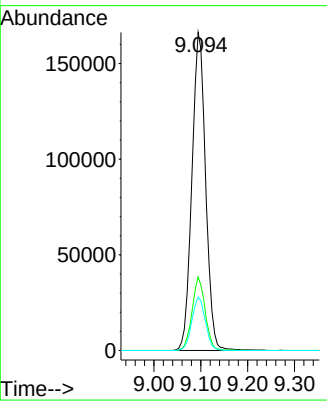
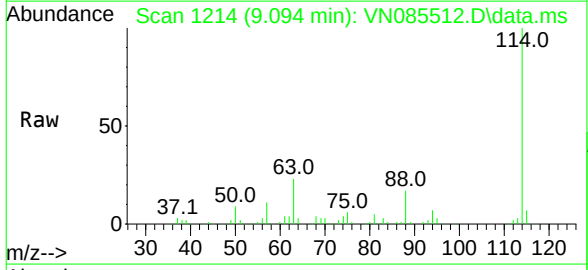




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085512.D
 Acq: 21 Jan 2025 13:06

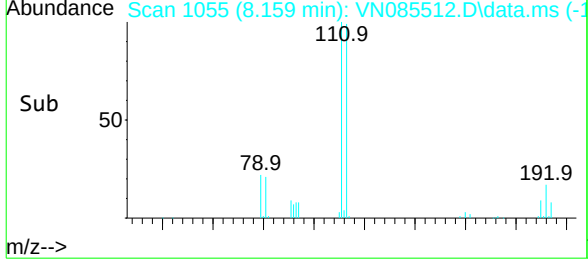
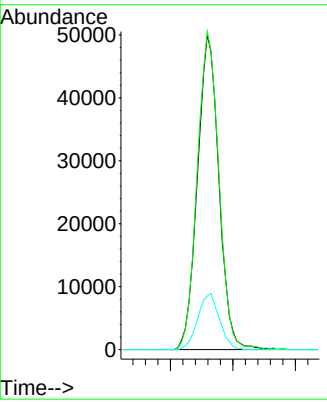
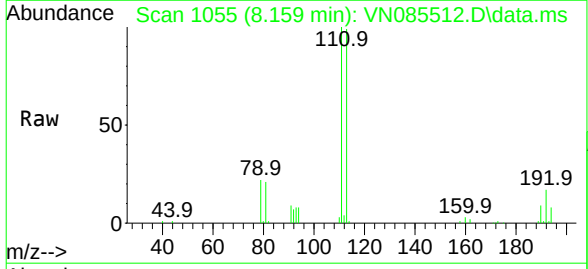
Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-F06078

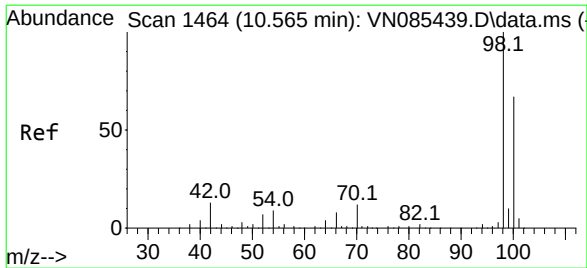
Tgt Ion:	114	Resp:	338159
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.6
88	16.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.865 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085512.D
 Acq: 21 Jan 2025 13:06

Tgt Ion:	113	Resp:	119329
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	17.9	14.3	21.5





#50

Toluene-d8

Concen: 49.164 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_N

ClientSampleId :

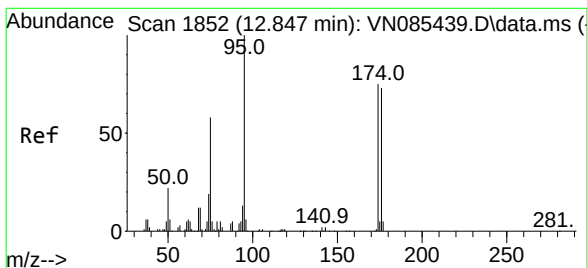
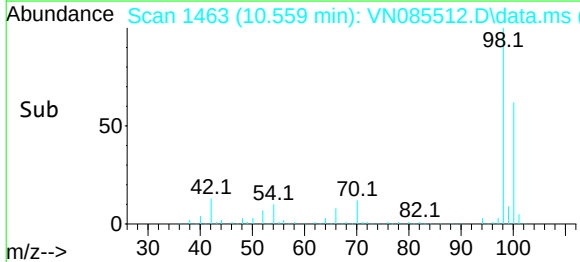
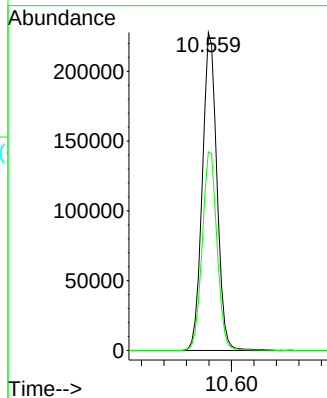
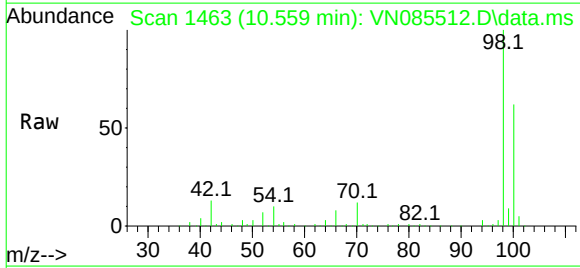
FRAC-TANK-F06078

Tgt Ion: 98 Resp: 409792

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.643 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

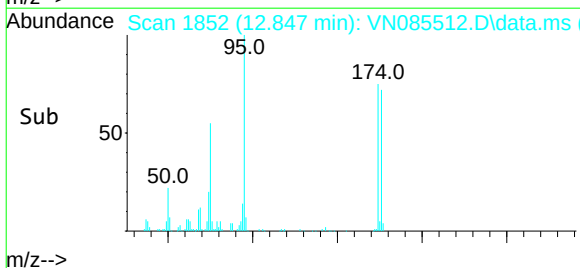
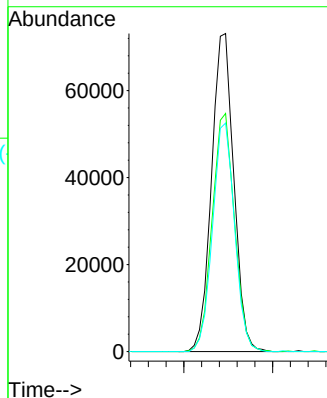
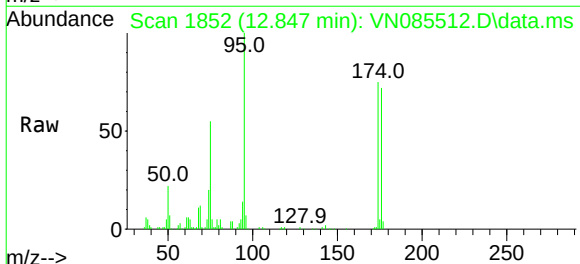
Tgt Ion: 95 Resp: 127289

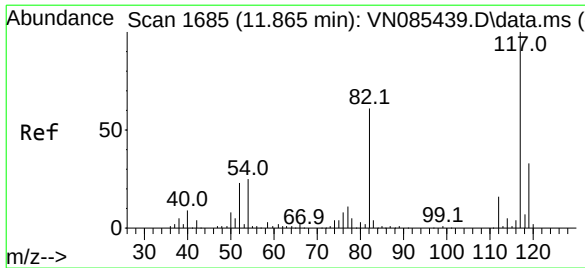
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.0

176 71.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

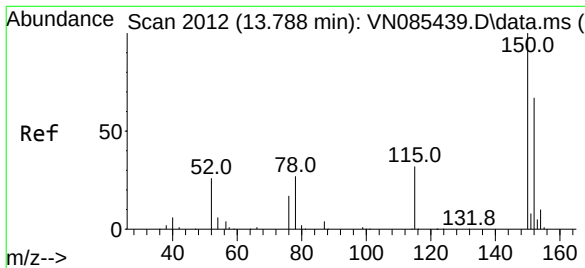
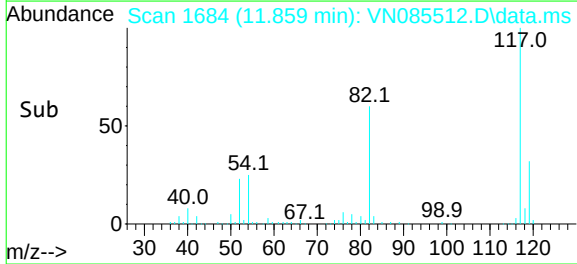
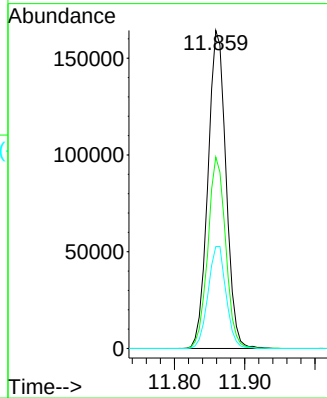
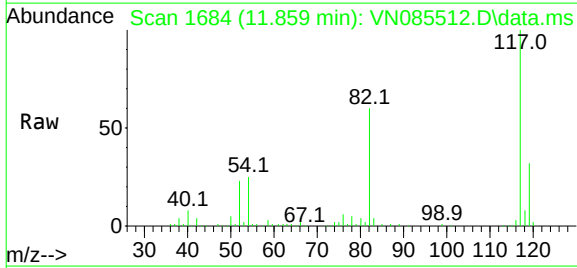
Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-F06078

Tgt Ion:	117	Resp:	293275
Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.6	72.8
119	32.0	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: VN085512.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	152	Resp:	119615
Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.1	93.3
150	156.3	0.0	343.6

