

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085475.D
 Acq On : 16 Jan 2025 17:21
 Operator : JC\MD
 Sample : Q1109-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

Quant Time: Jan 17 01:07:34 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	167864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	154079	56.863	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.720%	
35) Dibromofluoromethane	8.159	113	114727	53.011	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.020%	
50) Toluene-d8	10.565	98	382098	49.691	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.380%	
62) 4-Bromofluorobenzene	12.847	95	123340	46.891	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.780%	

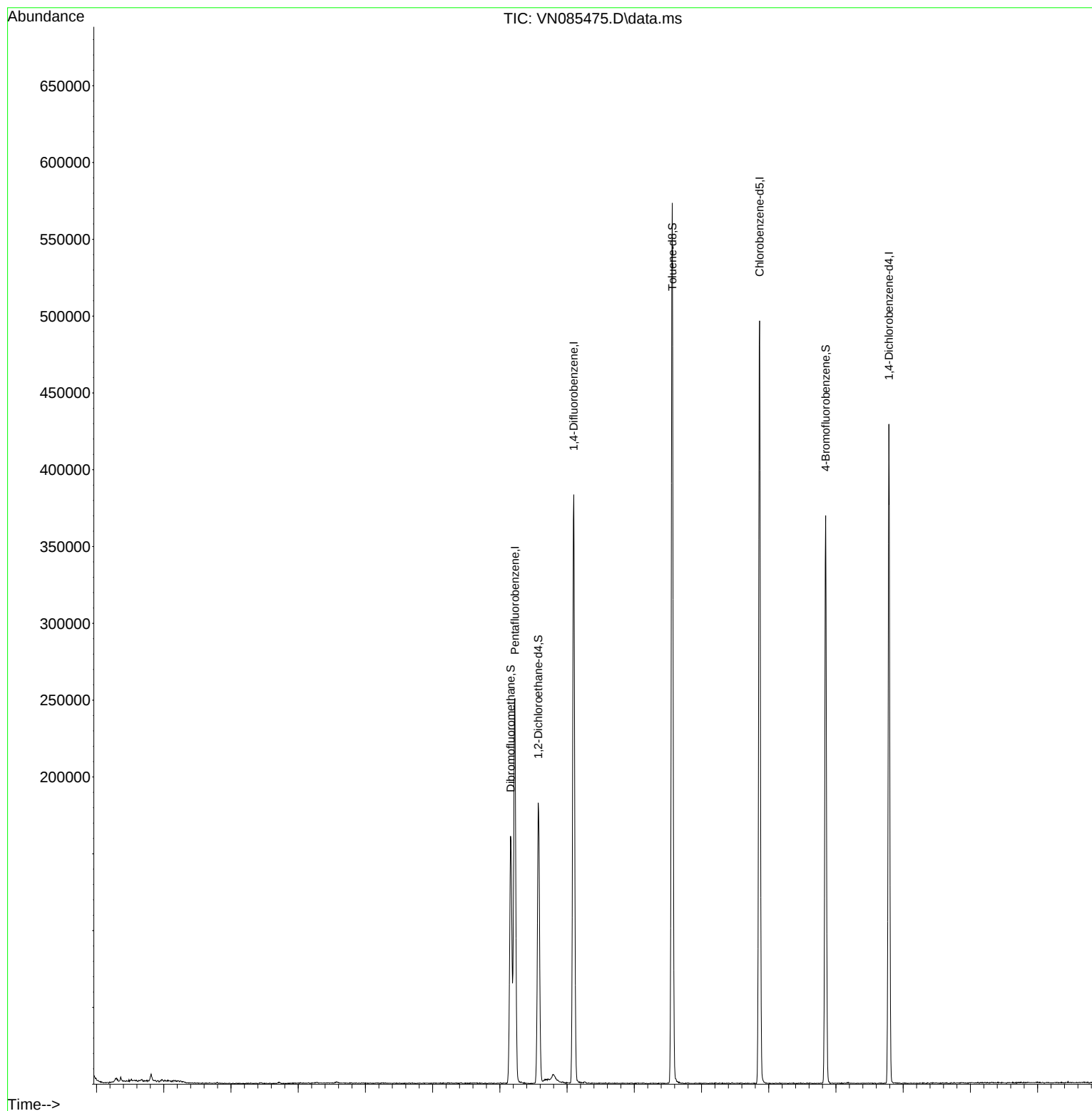
Target Compounds Qvalue

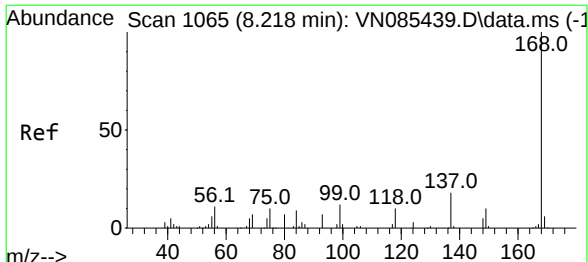
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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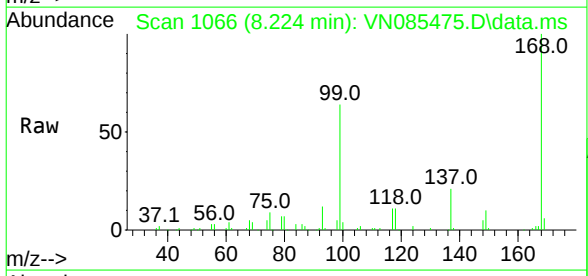
Quant Time: Jan 17 01:07:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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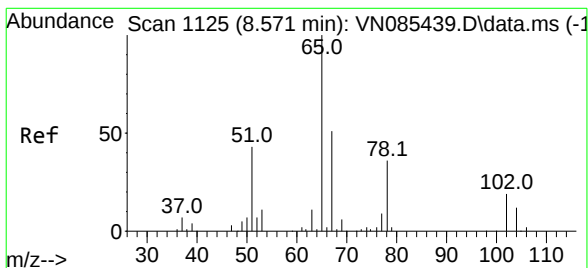
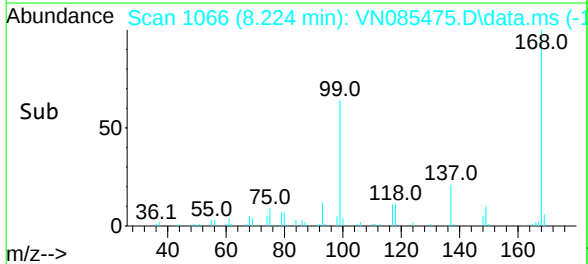
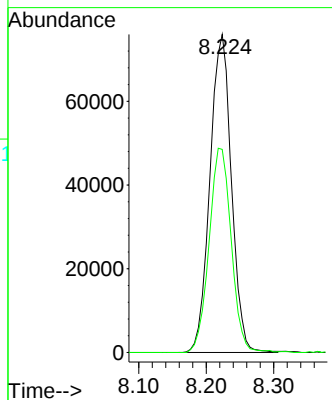


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

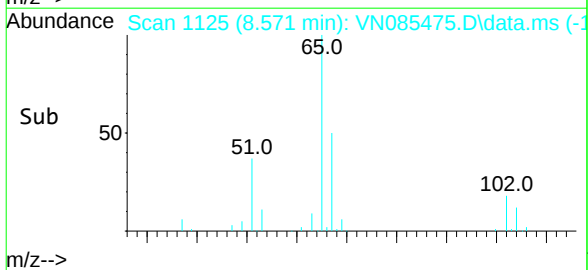
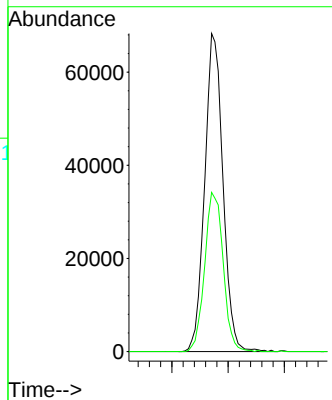
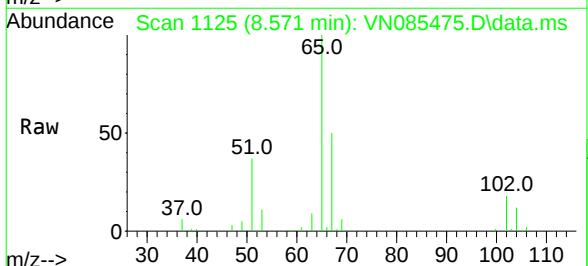


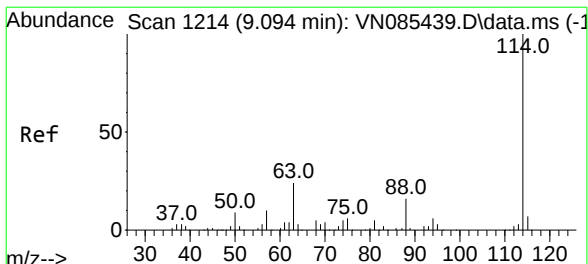
Tgt Ion:168 Resp: 167864
 Ion Ratio Lower Upper
 168 100
 99 63.9 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.863 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

Tgt Ion: 65 Resp: 154079
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6

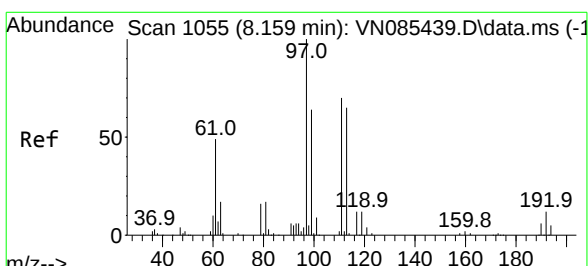
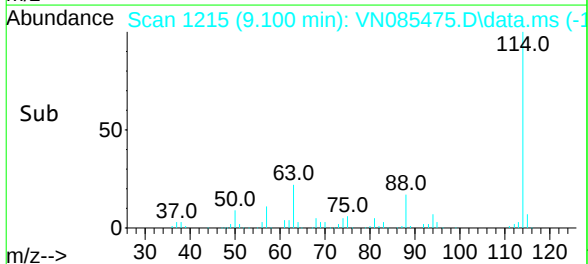
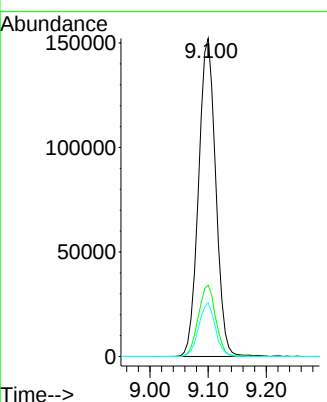
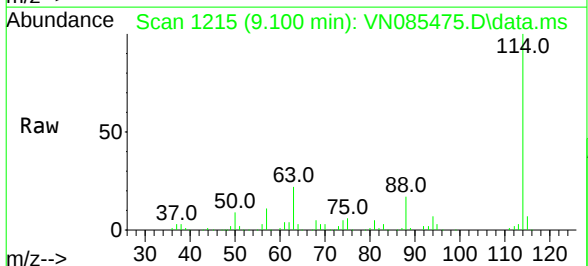




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

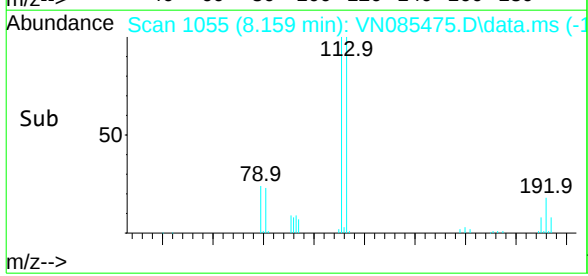
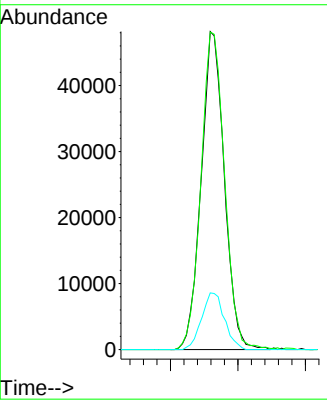
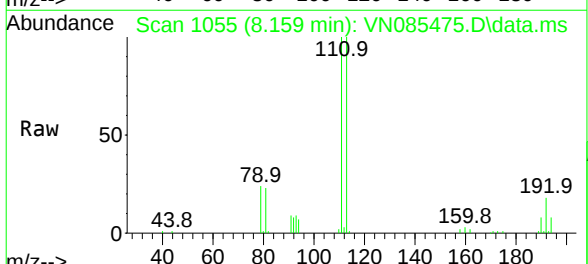
Instrument :
 MSVOA_N
 ClientSampleId :
 TAP-TB-01-011525

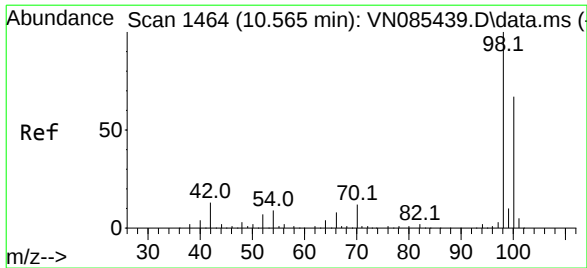
Tgt Ion:	114	Resp:	311959
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 53.011 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085475.D
 Acq: 16 Jan 2025 17:21

Tgt Ion:	113	Resp:	114727
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	17.6	14.3	21.5





#50

Toluene-d8

Concen: 49.691 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

Instrument :

MSVOA_N

ClientSampleId :

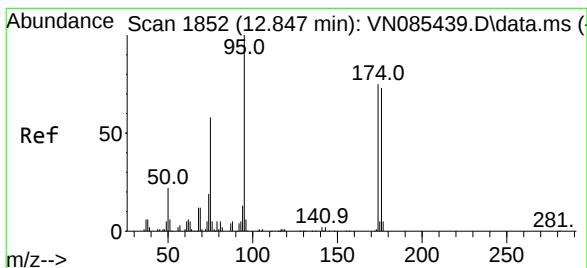
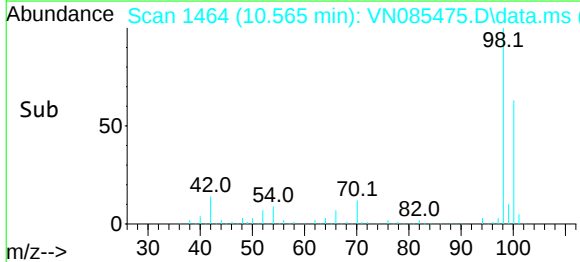
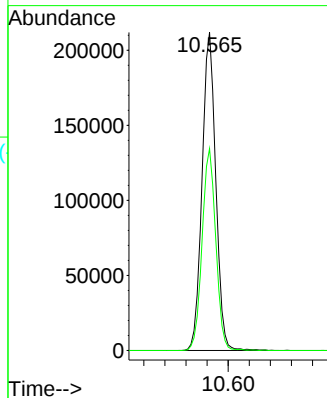
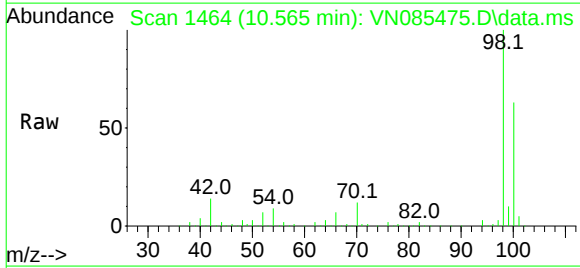
TAP-TB-01-011525

Tgt Ion: 98 Resp: 382098

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.891 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085475.D

Acq: 16 Jan 2025 17:21

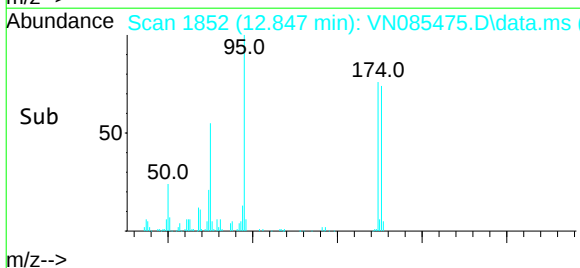
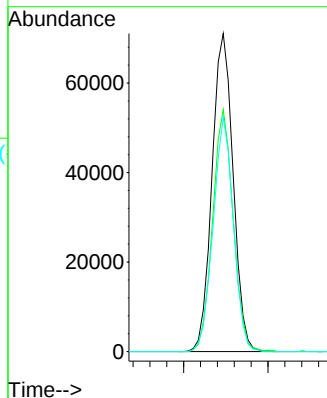
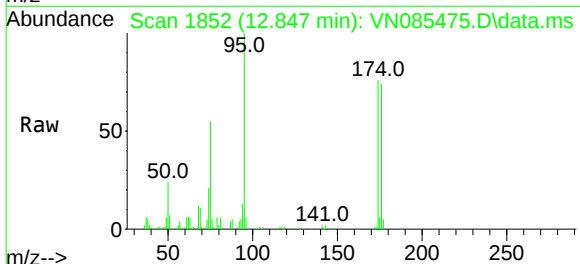
Tgt Ion: 95 Resp: 123340

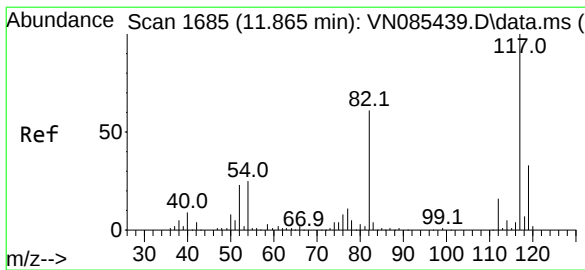
Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.0

176 70.8 0.0 142.4

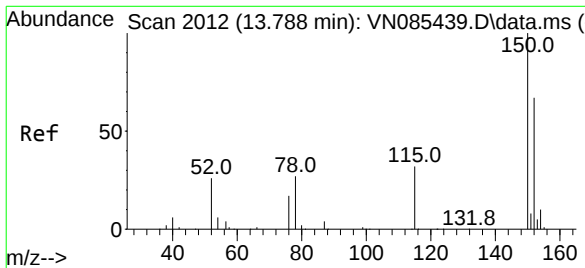
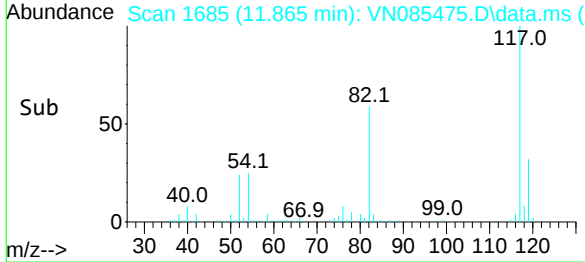
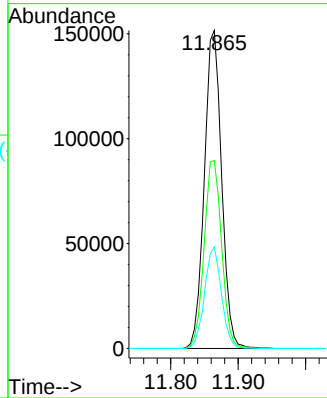
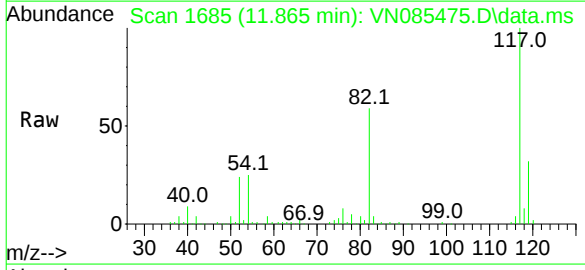




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :
TAP-TB-01-011525

Tgt Ion:117 Resp: 269876
Ion Ratio Lower Upper
117 100
82 59.1 48.6 72.8
119 31.9 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: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion:152 Resp: 107148
Ion Ratio Lower Upper
152 100
115 61.2 31.1 93.3
150 160.3 0.0 343.6

