

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085543.D
 Acq On : 28 Jan 2025 17:01
 Operator : JC\MD
 Sample : PB166233ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166233ZHE#13

Quant Time: Jan 29 00:41:44 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)

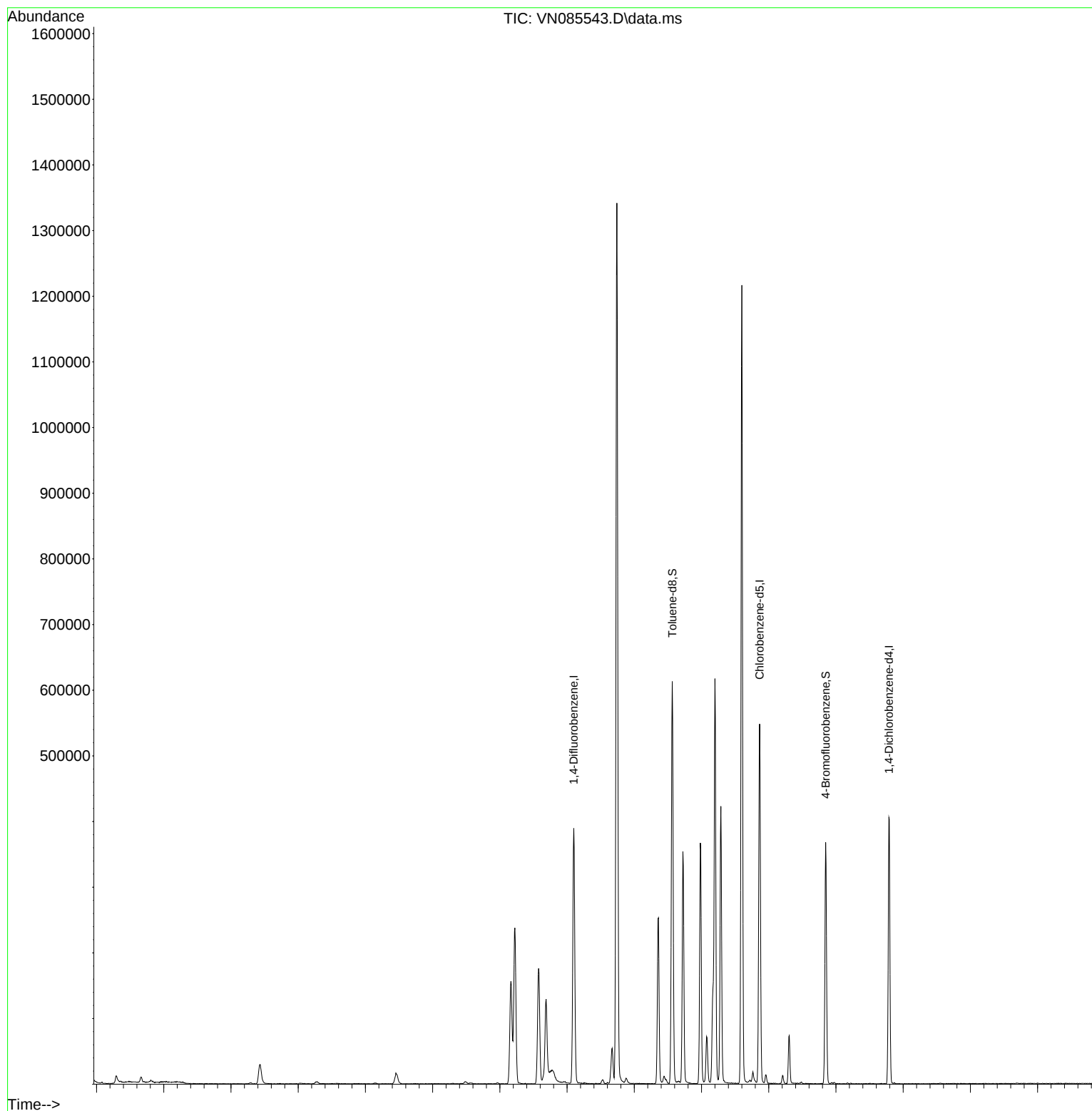
Internal Standards						
1) Pentafluorobenzene	8.224	168	162767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150448	57.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.520%			
35) Dibromofluoromethane	8.165	113	111289	50.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.565	98	411098	52.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.847	95	121624	45.185	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.360%			
Target Compounds						
16) Acetone	4.430	43	58527	68.942	ug/l	94
43) Isopropyl Acetate	8.688	43	157501	31.330	ug/l #	84

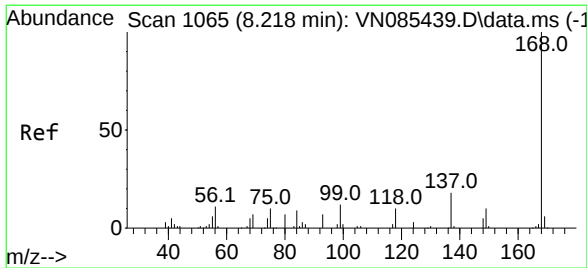
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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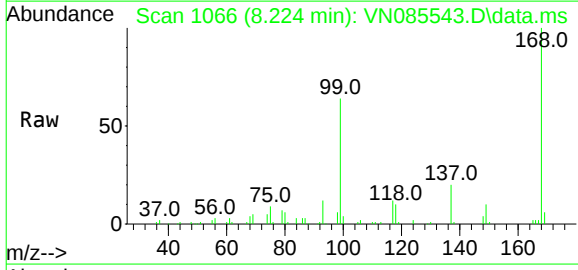
Quant Time: Jan 29 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



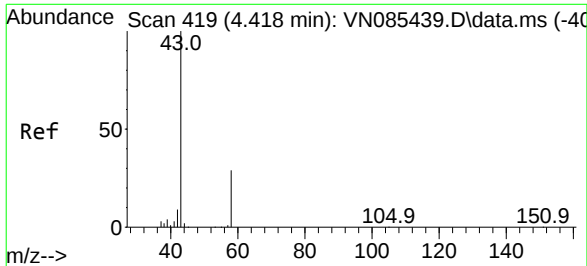
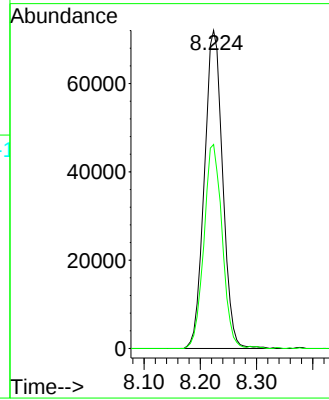
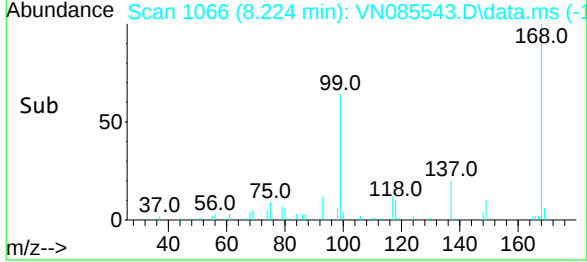


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085543.D
Acq: 28 Jan 2025 17:01

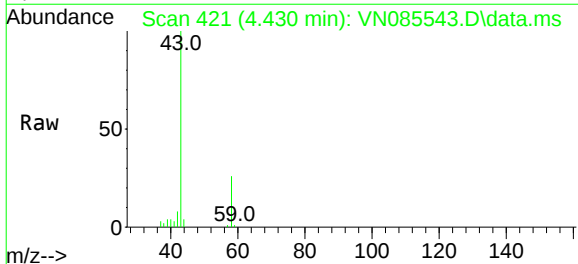
Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#13



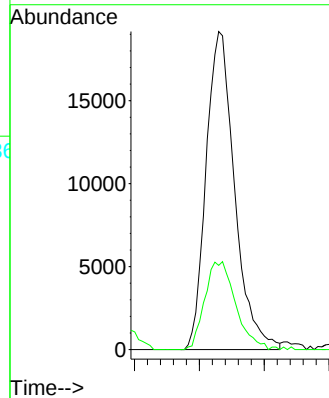
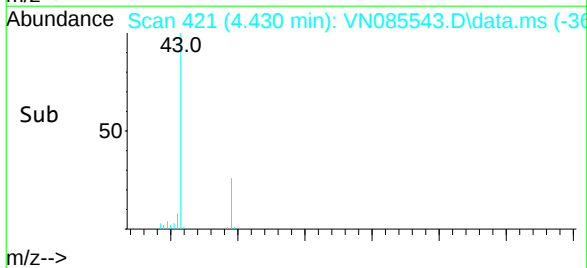
Tgt Ion:168 Resp: 162767
Ion Ratio Lower Upper
168 100
99 64.1 53.6 80.4

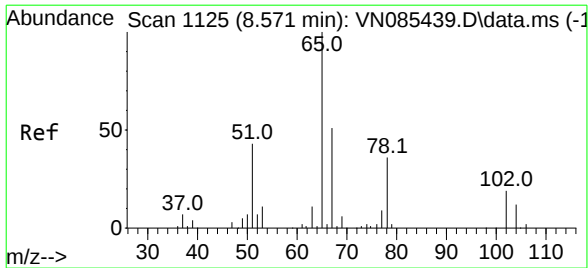


#16
Acetone
Concen: 68.942 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085543.D
Acq: 28 Jan 2025 17:01



Tgt Ion: 43 Resp: 58527
Ion Ratio Lower Upper
43 100
58 26.5 23.8 35.6

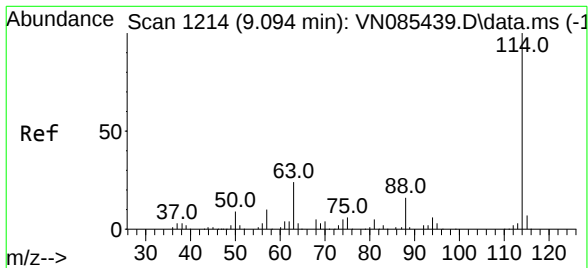
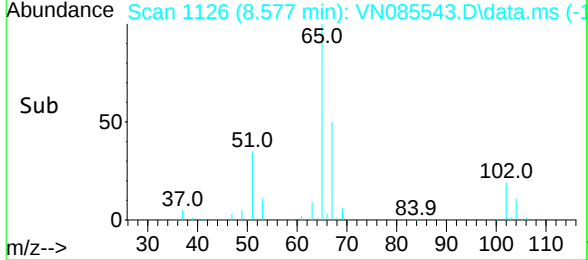
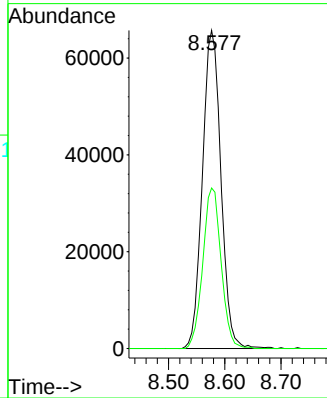
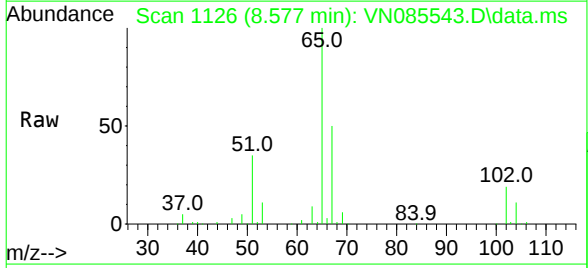




#33
1,2-Dichloroethane-d4
Concen: 57.261 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085543.D
Acq: 28 Jan 2025 17:01

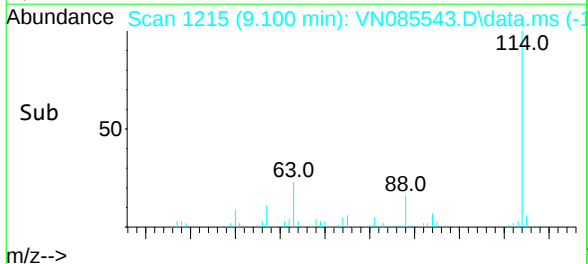
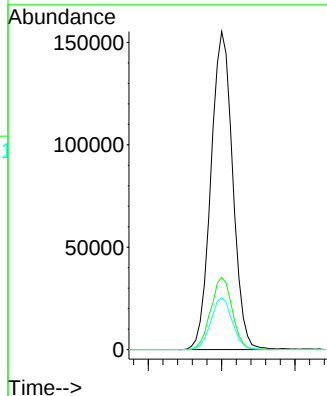
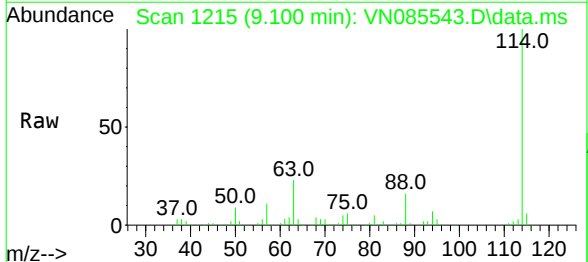
Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#13

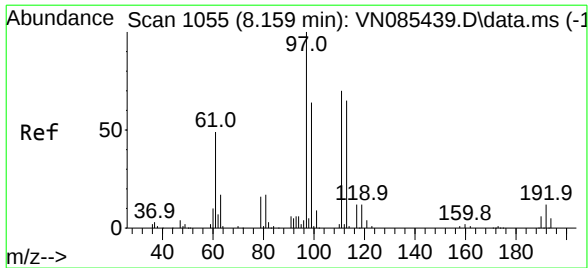
Tgt Ion: 65 Resp: 150448
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085543.D
Acq: 28 Jan 2025 17:01

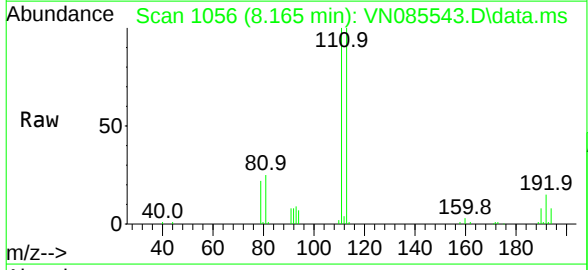
Tgt Ion: 114 Resp: 319233
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.6
88 16.3 0.0 32.6



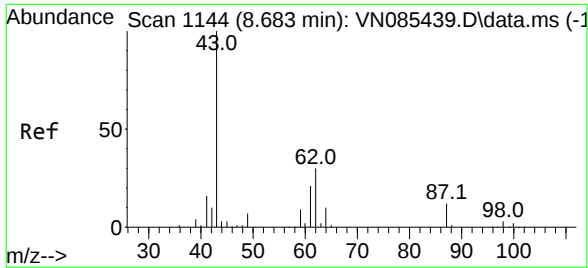
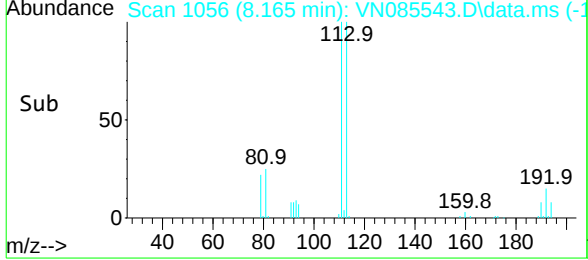
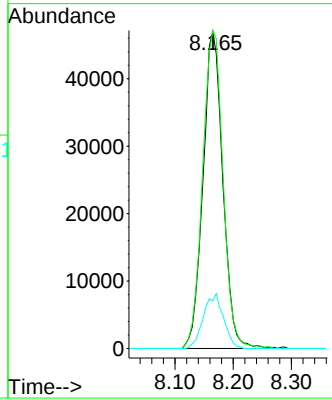


#35
 Dibromofluoromethane
 Concen: 50.250 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085543.D
 Acq: 28 Jan 2025 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166233ZHE#13

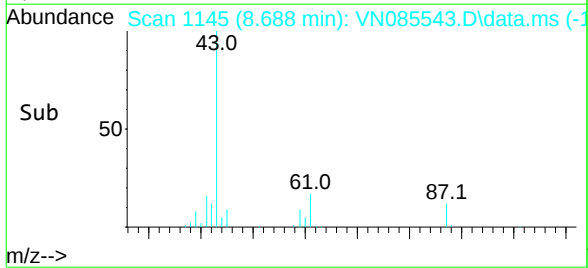
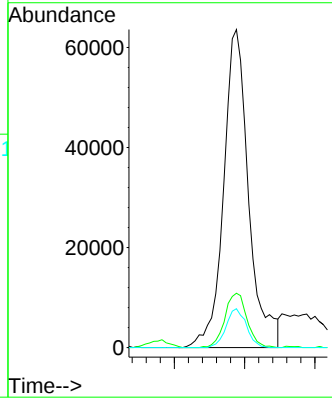
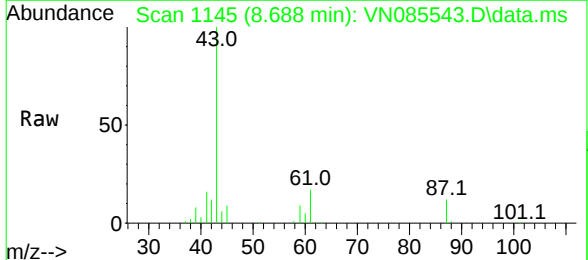


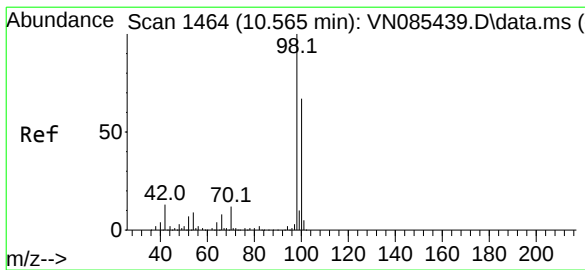
Tgt Ion:	113	Resp:	111289
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	17.4	14.3	21.5



#43
 Isopropyl Acetate
 Concen: 31.330 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: VN085543.D
 Acq: 28 Jan 2025 17:01

Tgt Ion:	43	Resp:	157501
Ion	Ratio	Lower	Upper
43	100		
61	15.2	20.7	31.1
87	9.9	9.8	14.8





#50

Toluene-d8

Concen: 52.244 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085543.D

Acq: 28 Jan 2025 17:01

Instrument :

MSVOA_N

ClientSampleId :

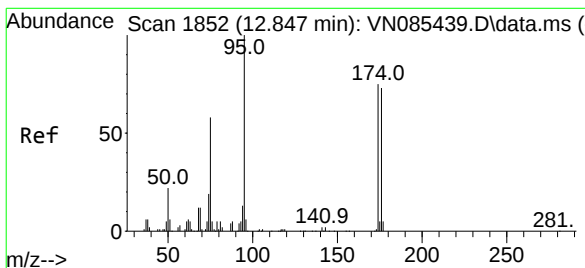
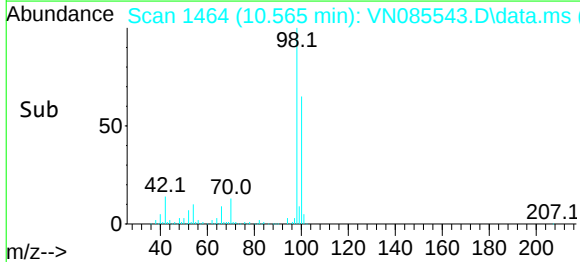
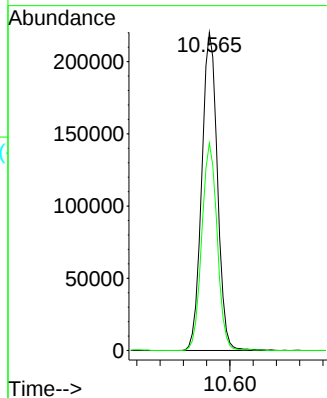
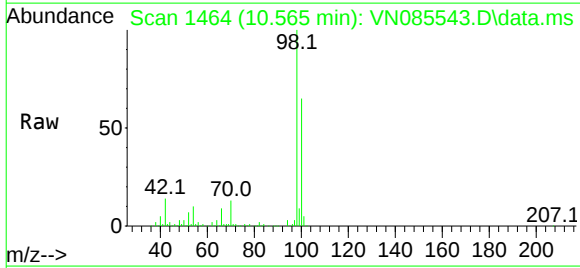
PB166233ZHE#13

Tgt Ion: 98 Resp: 411098

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.185 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085543.D

Acq: 28 Jan 2025 17:01

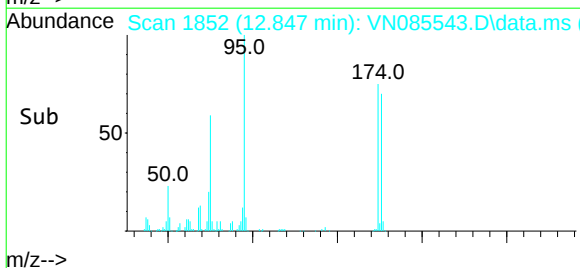
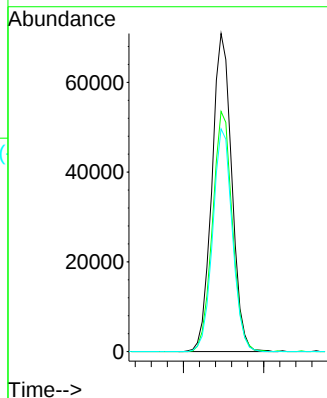
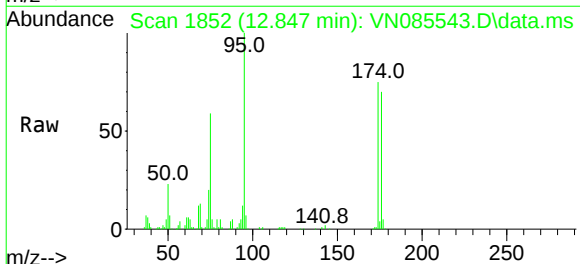
Tgt Ion: 95 Resp: 121624

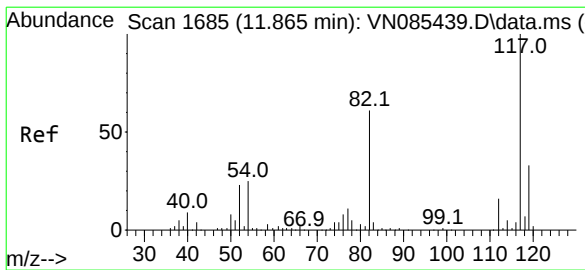
Ion Ratio Lower Upper

95 100

174 75.2 0.0 145.0

176 69.0 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: VN085543.D

Acq: 28 Jan 2025 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB166233ZHE#13

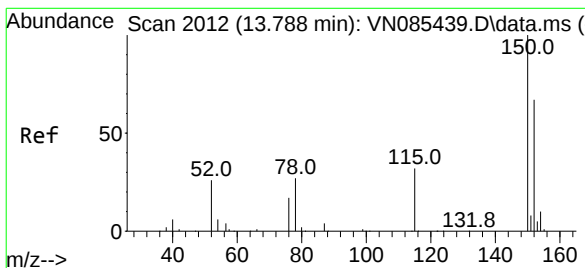
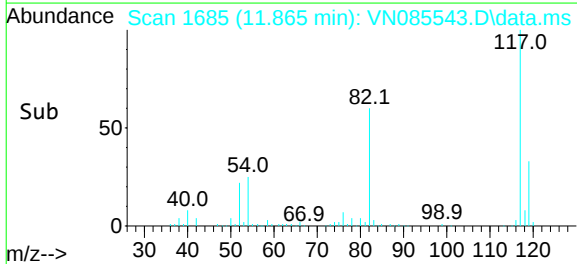
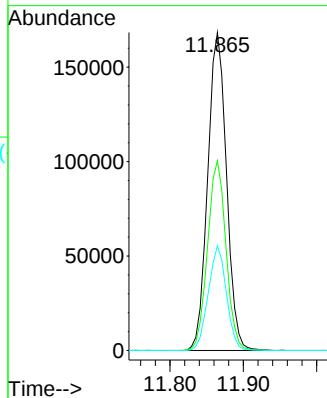
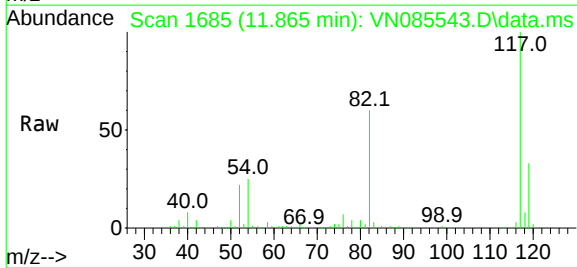
Tgt Ion:117 Resp: 299575

Ion Ratio Lower Upper

117 100

82 59.6 48.6 72.8

119 32.9 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: VN085543.D

Acq: 28 Jan 2025 17:01

Tgt Ion:152 Resp: 107137

Ion Ratio Lower Upper

152 100

115 61.4 31.1 93.3

150 155.5 0.0 343.6

