

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085458.D
 Acq On : 15 Jan 2025 13:49
 Operator : JC\MD
 Sample : PB166029ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166029ZHE#02

Quant Time: Jan 16 00:58:04 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)

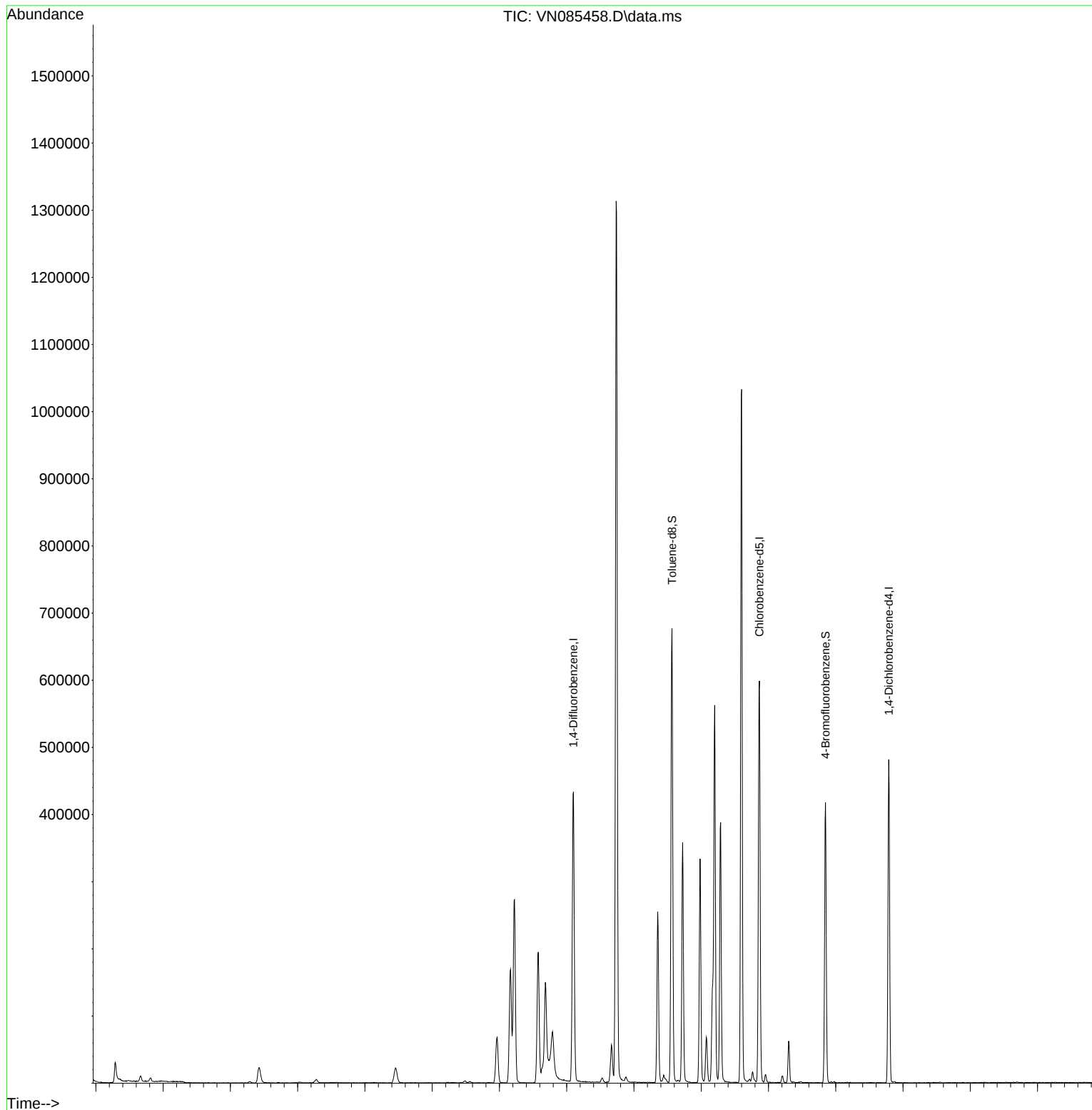
Internal Standards						
1) Pentafluorobenzene	8.224	168	185364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163676	54.702	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.400%		
35) Dibromofluoromethane	8.165	113	120104	48.627	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.260%		
50) Toluene-d8	10.565	98	449038	51.170	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.340%		
62) 4-Bromofluorobenzene	12.847	95	137929	45.948	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.900%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	45225	46.778	ug/l	92
20) Methylene Chloride	5.277	84	3719	1.554	ug/l	95
30) Chloroform	7.965	83	66116	14.642	ug/l	98
43) Isopropyl Acetate	8.683	43	197284	35.189	ug/l #	80

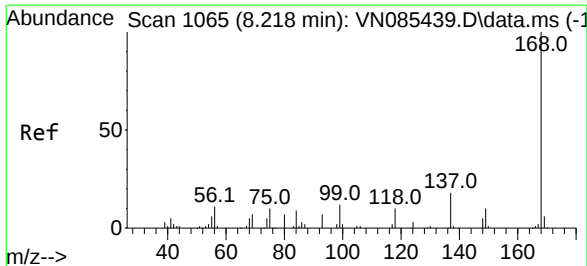
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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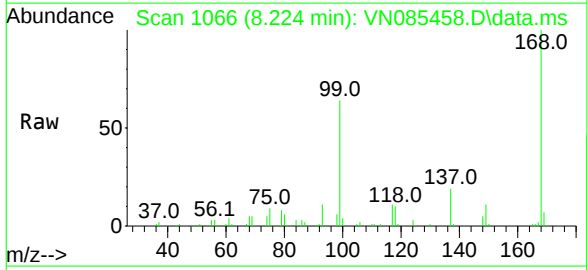
Quant Time: Jan 16 00:58:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



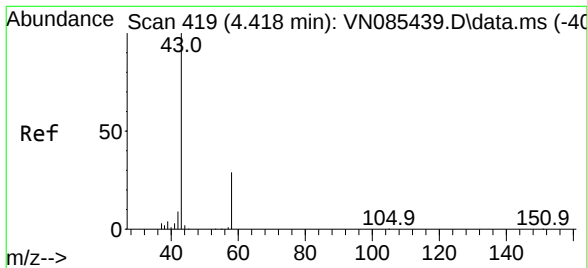
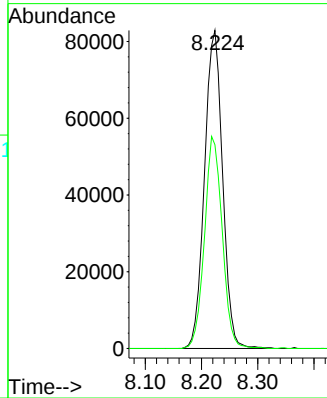
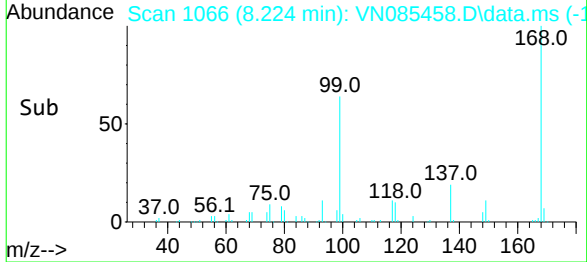


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085458.D
Acq: 15 Jan 2025 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#02

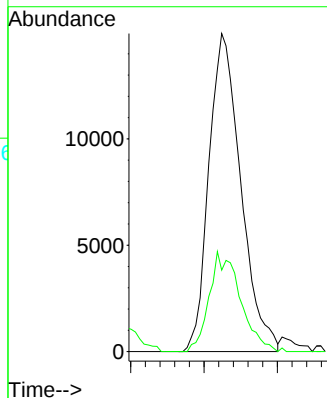
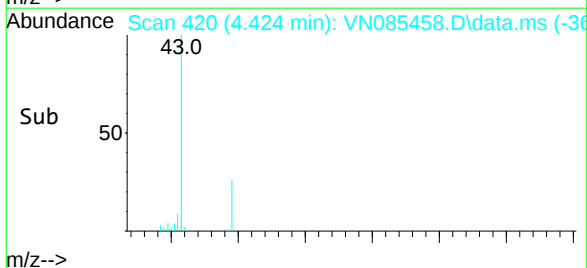
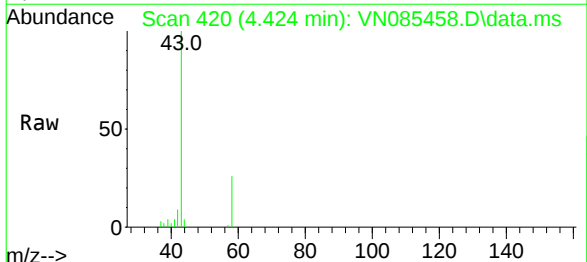


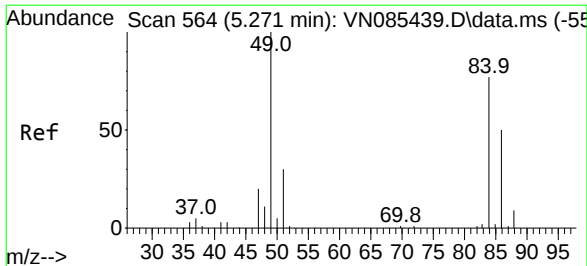
Tgt Ion:168 Resp: 185364
Ion Ratio Lower Upper
168 100
99 64.0 53.6 80.4



#16
Acetone
Concen: 46.778 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085458.D
Acq: 15 Jan 2025 13:49

Tgt Ion: 43 Resp: 45225
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6





#20

Methylene Chloride

Concen: 1.554 ug/l

RT: 5.277 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN085458.D

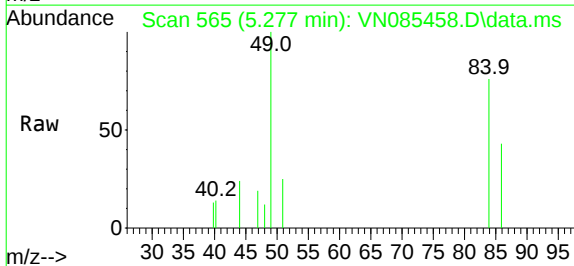
Acq: 15 Jan 2025 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB166029ZHE#02



Tgt Ion: 84 Resp: 3719

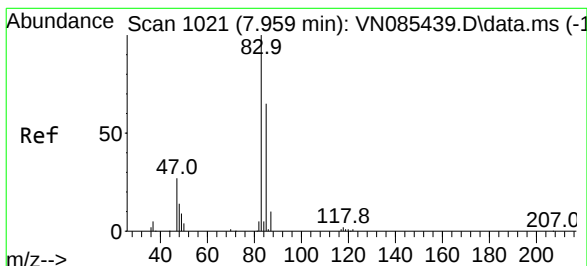
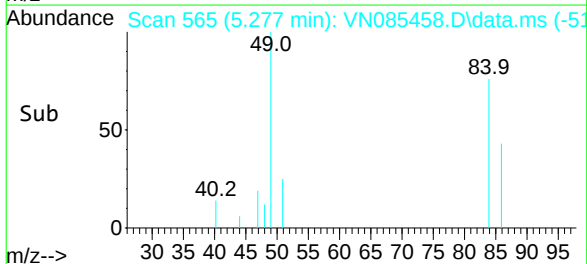
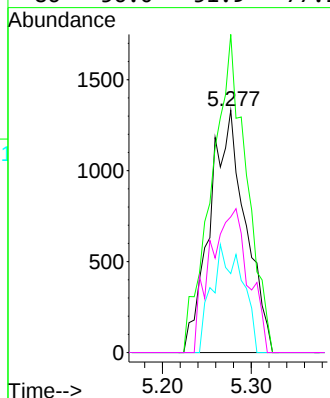
Ion Ratio Lower Upper

84 100

49 131.3 104.1 156.1

51 32.6 31.0 46.4

86 56.0 51.9 77.9



#30

Chloroform

Concen: 14.642 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085458.D

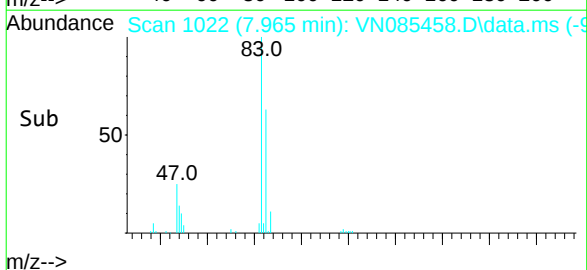
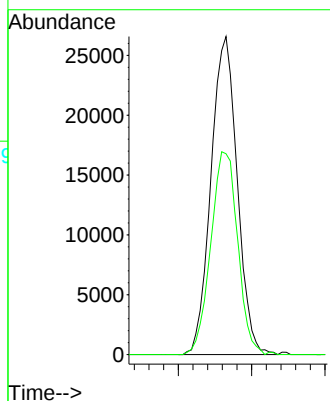
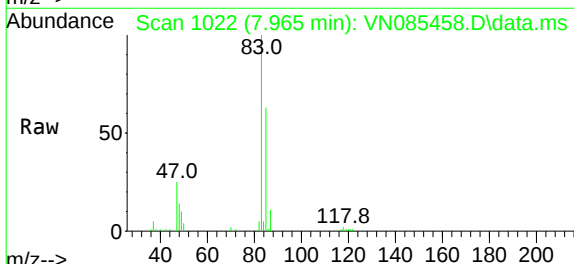
Acq: 15 Jan 2025 13:49

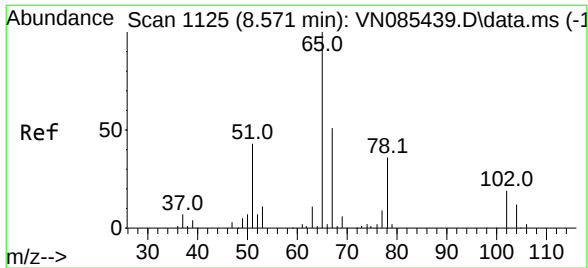
Tgt Ion: 83 Resp: 66116

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6

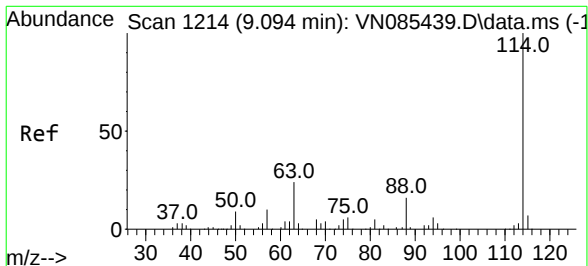
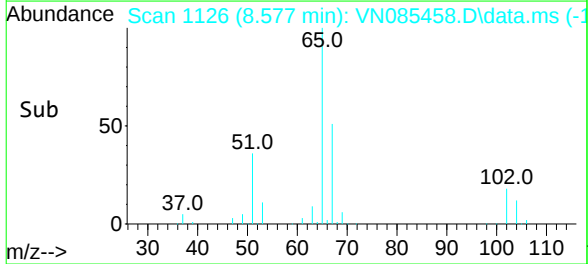
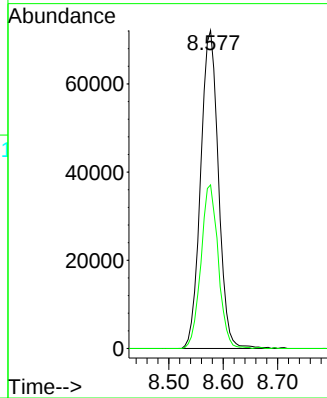
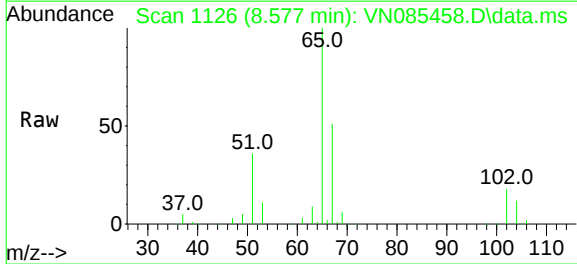




#33
1,2-Dichloroethane-d4
Concen: 54.702 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085458.D
Acq: 15 Jan 2025 13:49

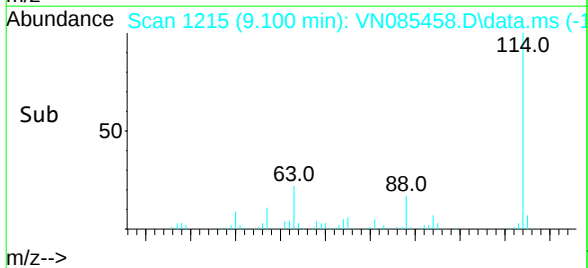
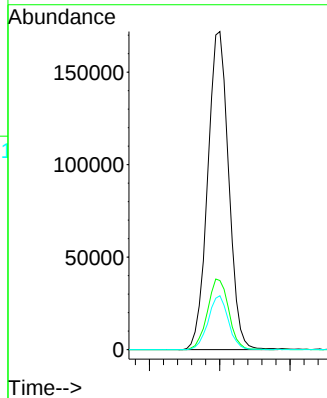
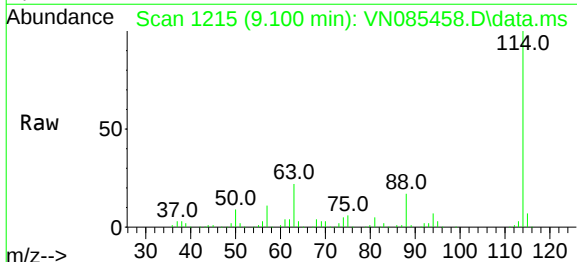
Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#02

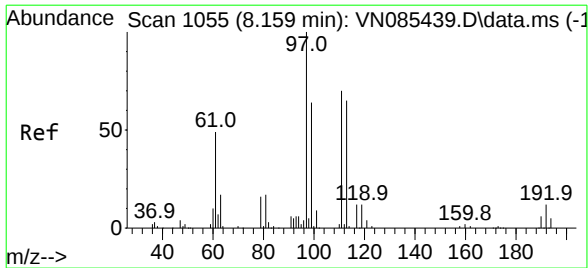
Tgt Ion: 65 Resp: 163676
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085458.D
Acq: 15 Jan 2025 13:49

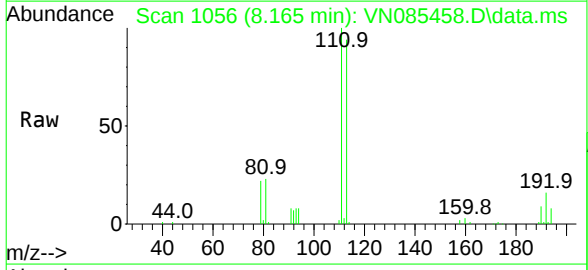
Tgt Ion: 114 Resp: 356019
Ion Ratio Lower Upper
114 100
63 21.7 0.0 47.6
88 16.9 0.0 32.6



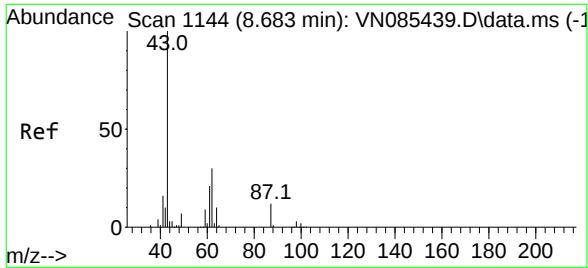
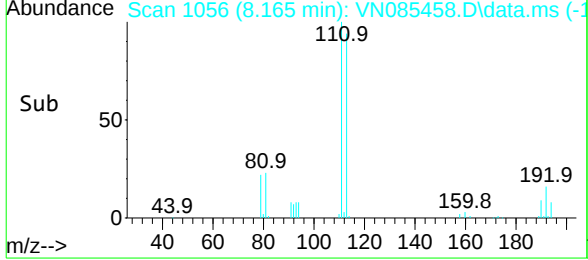
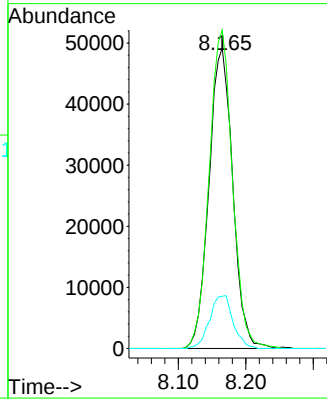


#35
 Dibromofluoromethane
 Concen: 48.627 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085458.D
 Acq: 15 Jan 2025 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166029ZHE#02

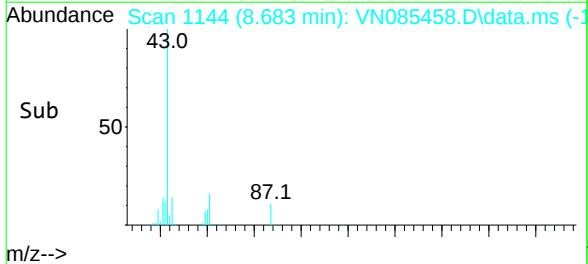
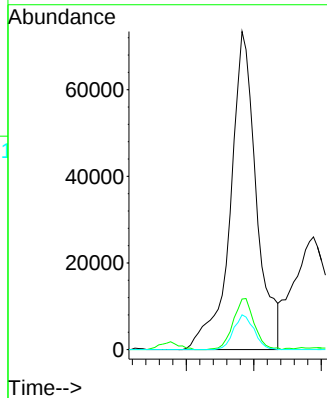
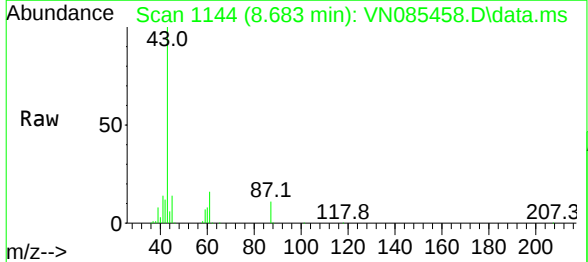


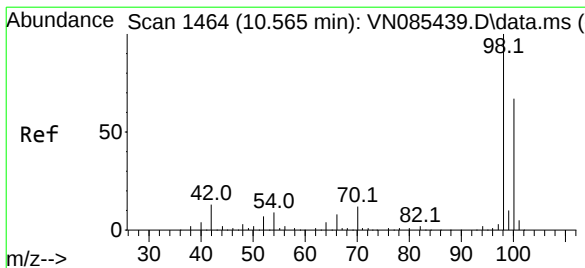
Tgt Ion:	113	Resp:	120104
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	17.4	14.3	21.5



#43
 Isopropyl Acetate
 Concen: 35.189 ug/l
 RT: 8.683 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VN085458.D
 Acq: 15 Jan 2025 13:49

Tgt Ion:	43	Resp:	197284
Ion	Ratio	Lower	Upper
43	100		
61	12.9	20.7	31.1#
87	8.5	9.8	14.8#





#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085458.D

Acq: 15 Jan 2025 13:49

Instrument :

MSVOA_N

ClientSampleId :

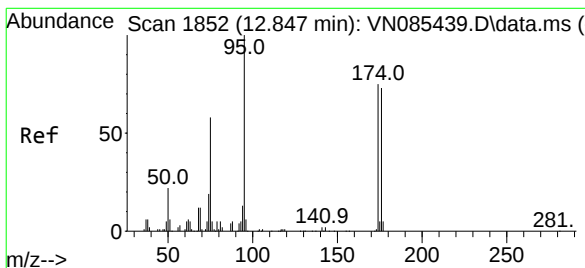
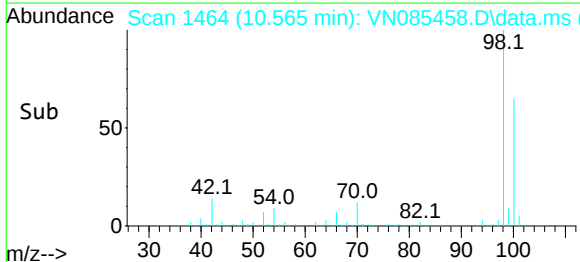
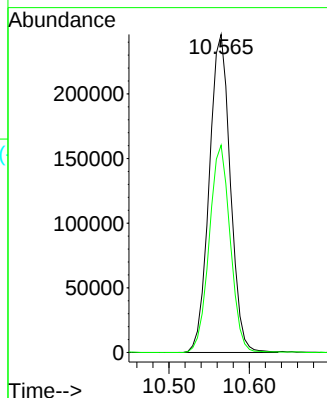
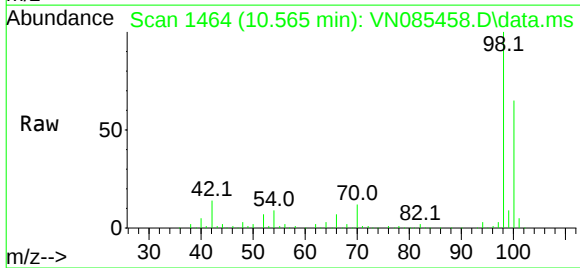
PB166029ZHE#02

Tgt Ion: 98 Resp: 449038

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.948 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085458.D

Acq: 15 Jan 2025 13:49

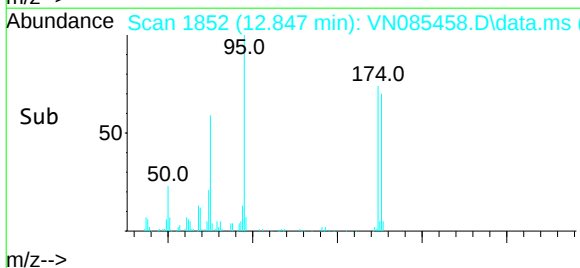
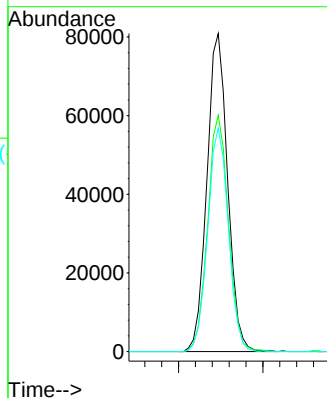
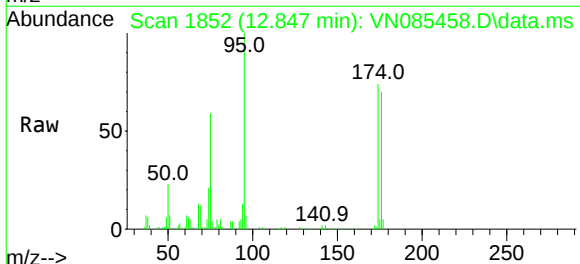
Tgt Ion: 95 Resp: 137929

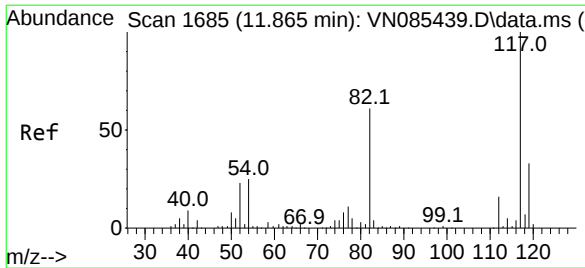
Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.0

176 69.9 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: VN085458.D

Acq: 15 Jan 2025 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB166029ZHE#02

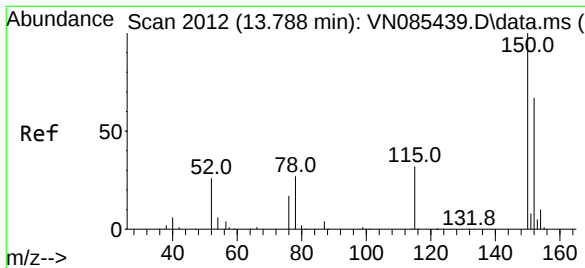
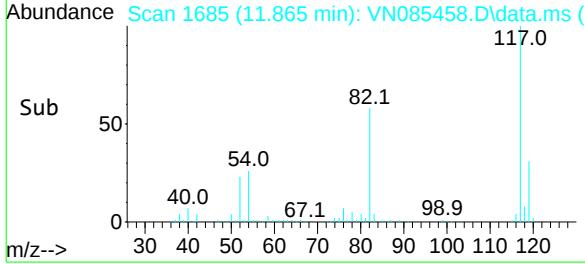
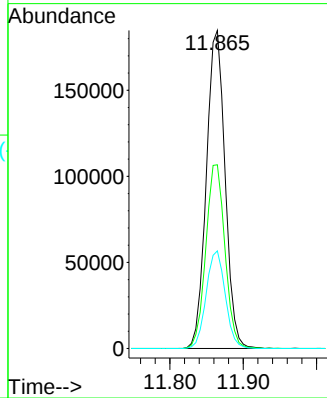
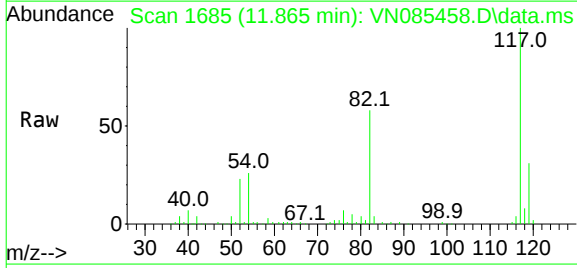
Tgt Ion:117 Resp: 327610

Ion Ratio Lower Upper

117 100

82 57.8 48.6 72.8

119 30.7 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: VN085458.D

Acq: 15 Jan 2025 13:49

Tgt Ion:152 Resp: 123822

Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 156.5 0.0 343.6

