

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085387.D
 Acq On : 06 Jan 2025 14:07
 Operator : JC\MD
 Sample : PB165935ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB165935ZHE#01

Quant Time: Jan 07 00:23:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

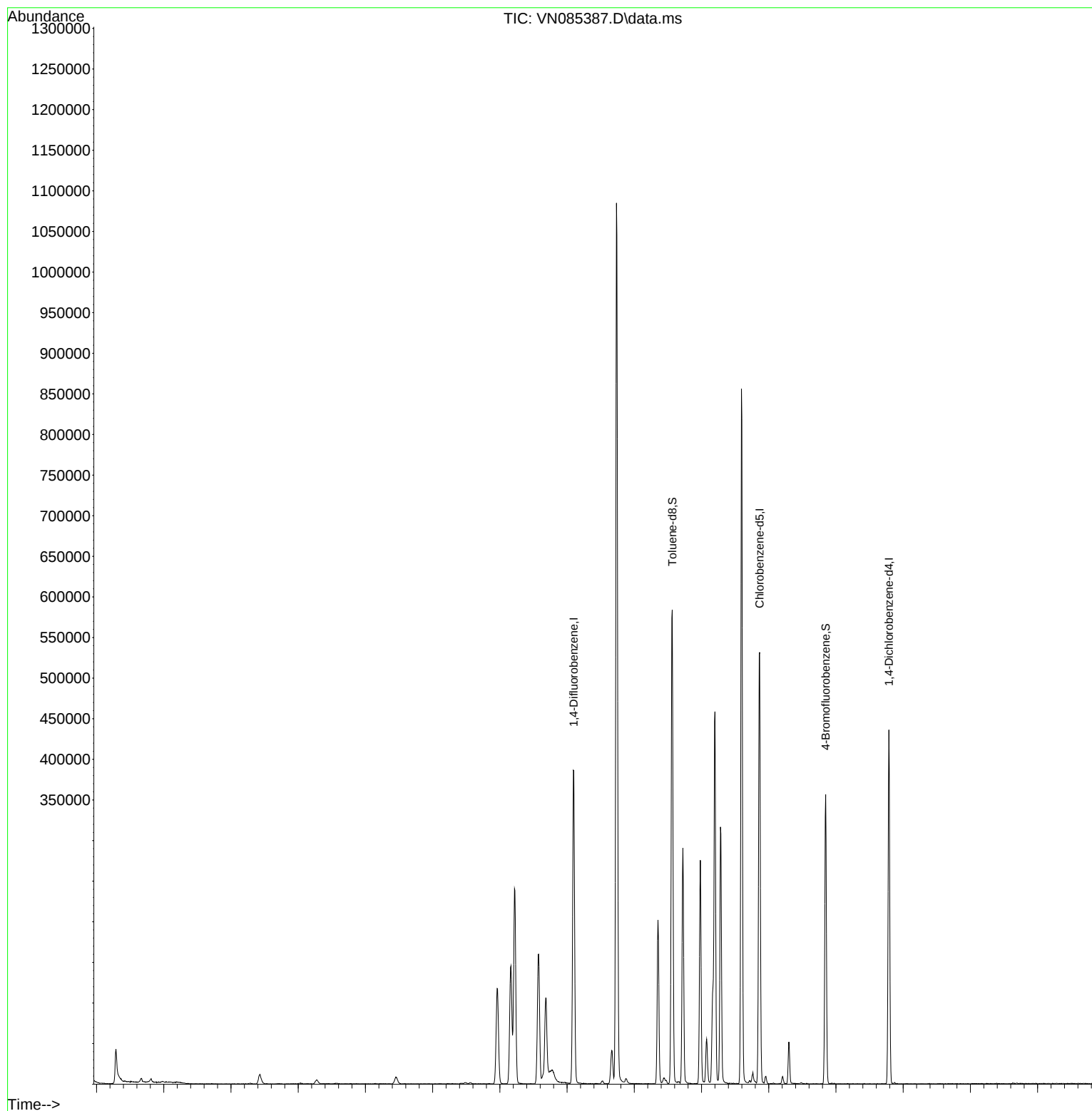
Internal Standards						
1) Pentafluorobenzene	8.218	168	161521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136050	59.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.120%			
35) Dibromofluoromethane	8.165	113	103640	51.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	10.565	98	393423	53.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.020%			
62) 4-Bromofluorobenzene	12.847	95	118302	48.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.900%			
Target Compounds						
16) Acetone	4.436	43	23007	30.371	ug/l	91
20) Methylene Chloride	5.277	84	3748	1.839	ug/l #	93
30) Chloroform	7.965	83	114968	30.136	ug/l	95
43) Isopropyl Acetate	8.682	43	133118	27.726	ug/l #	84

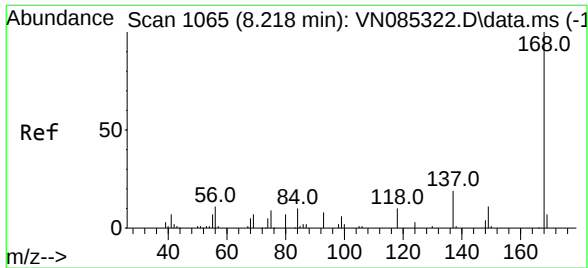
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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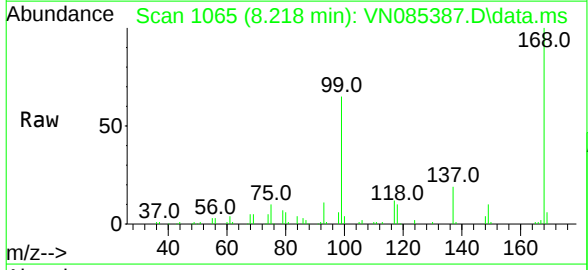
Quant Time: Jan 07 00:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



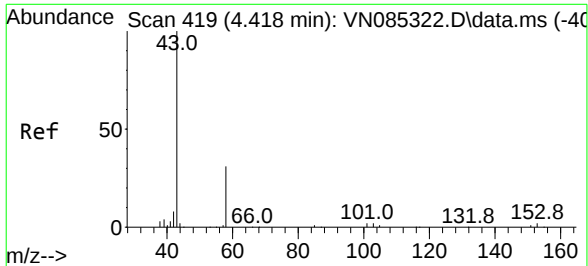
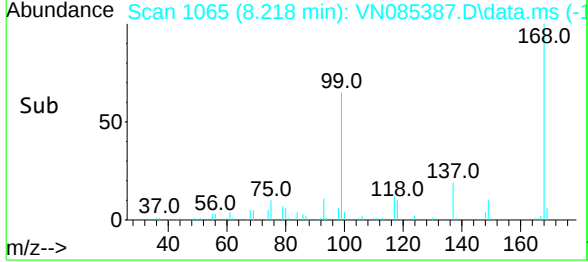
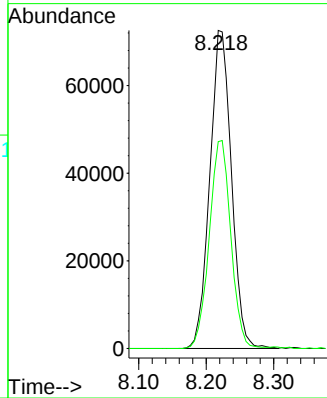


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085387.D
Acq: 06 Jan 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB165935ZHE#01

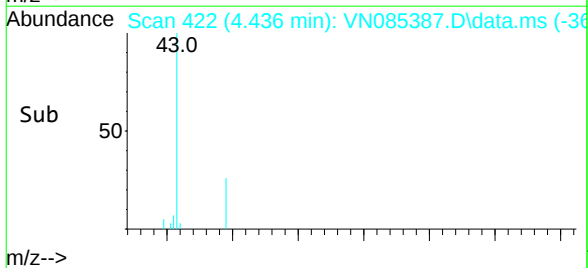
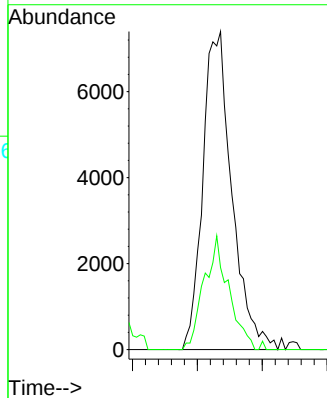
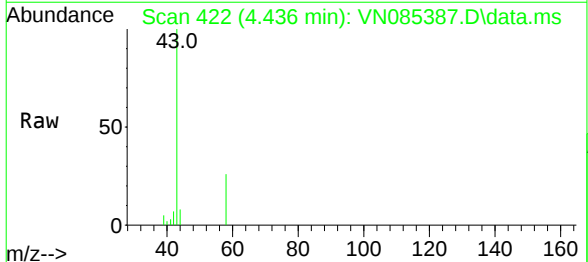


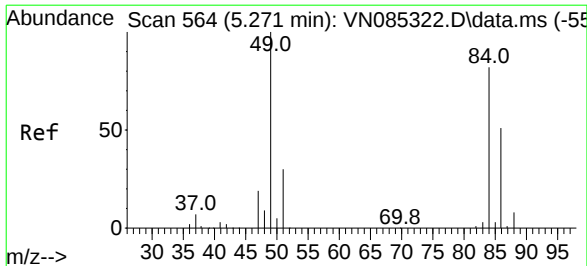
Tgt Ion:168 Resp: 161521
Ion Ratio Lower Upper
168 100
99 65.0 51.0 76.4



#16
Acetone
Concen: 30.371 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085387.D
Acq: 06 Jan 2025 14:07

Tgt Ion: 43 Resp: 23007
Ion Ratio Lower Upper
43 100
58 25.8 24.5 36.7





#20

Methylene Chloride

Concen: 1.839 ug/l

RT: 5.277 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN085387.D

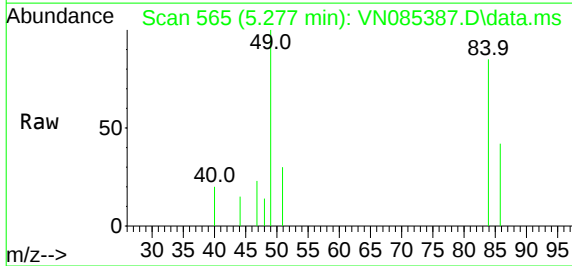
Acq: 06 Jan 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB165935ZHE#01



Tgt Ion: 84 Resp: 3748

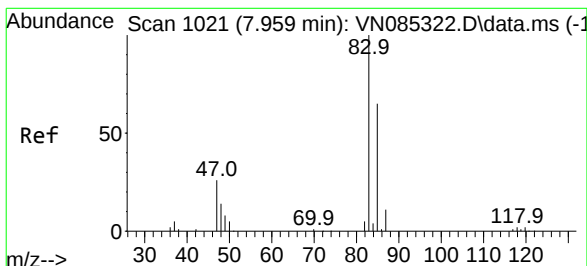
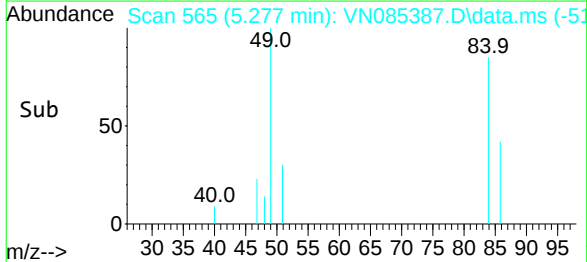
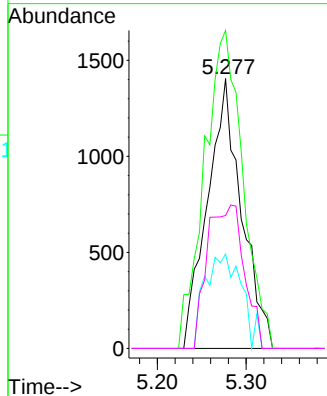
Ion Ratio Lower Upper

84 100

49 117.9 97.6 146.4

51 35.0 29.1 43.7

86 49.3 49.3 73.9#



#30

Chloroform

Concen: 30.136 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085387.D

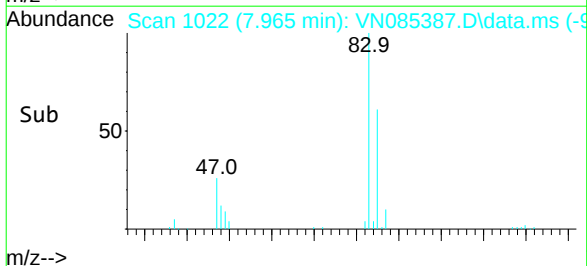
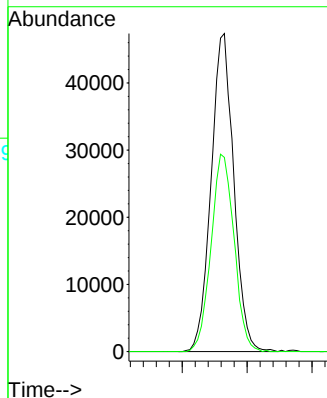
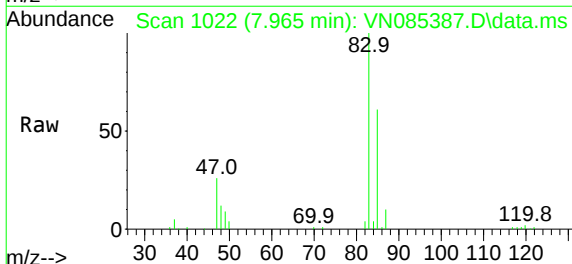
Acq: 06 Jan 2025 14:07

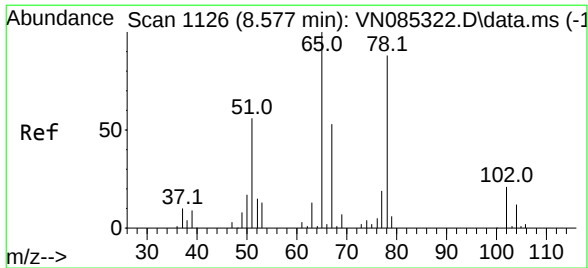
Tgt Ion: 83 Resp: 114968

Ion Ratio Lower Upper

83 100

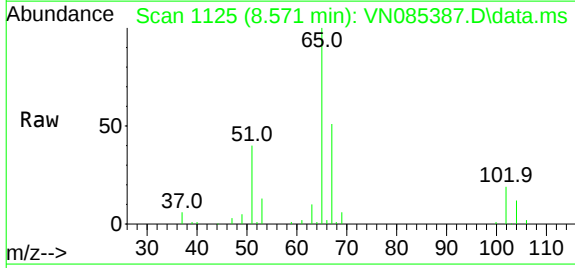
85 61.0 52.0 78.0



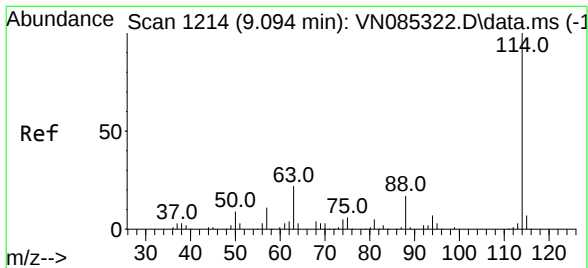
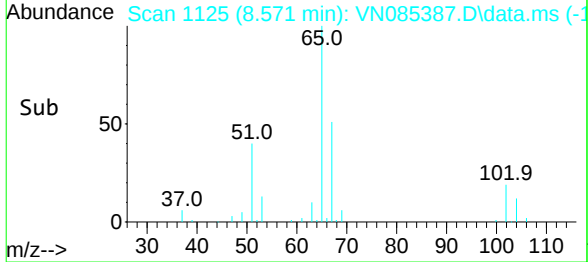
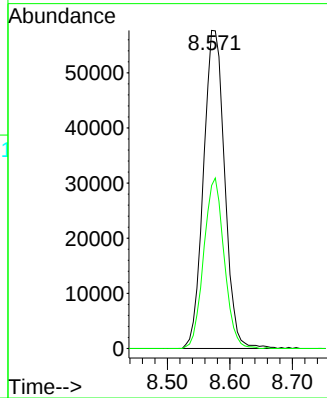


#33
1,2-Dichloroethane-d4
Concen: 59.056 ug/l
RT: 8.571 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN085387.D
Acq: 06 Jan 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB165935ZHE#01

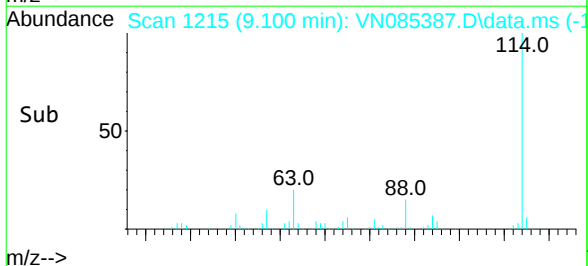
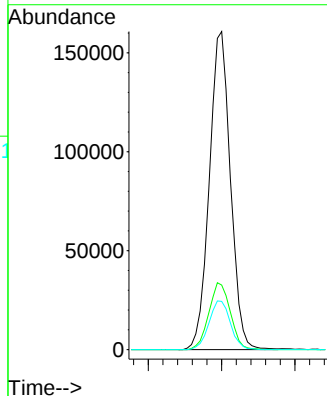
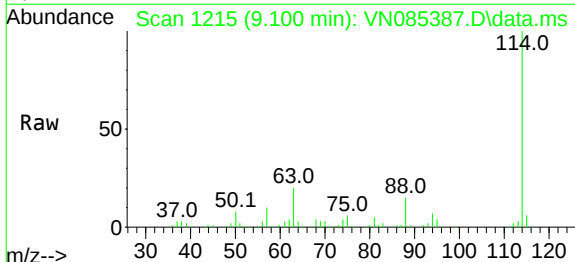


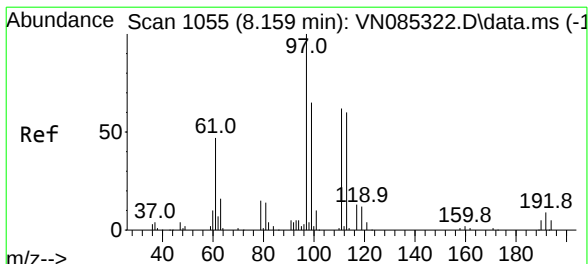
Tgt Ion: 65 Resp: 136050
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085387.D
Acq: 06 Jan 2025 14:07

Tgt Ion: 114 Resp: 321169
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 15.2 0.0 33.6

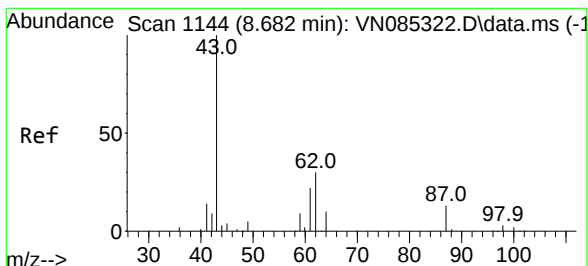
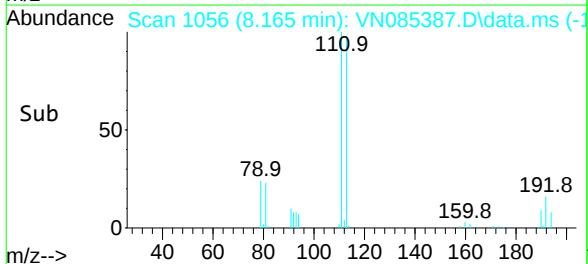
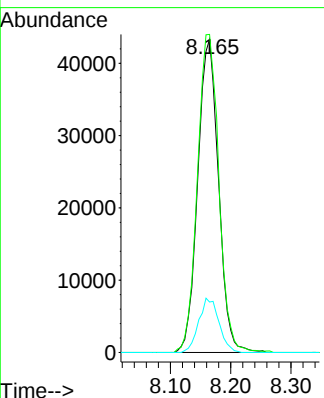
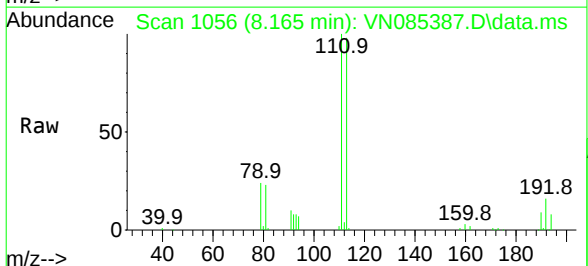




#35
 Dibromofluoromethane
 Concen: 51.726 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085387.D
 Acq: 06 Jan 2025 14:07

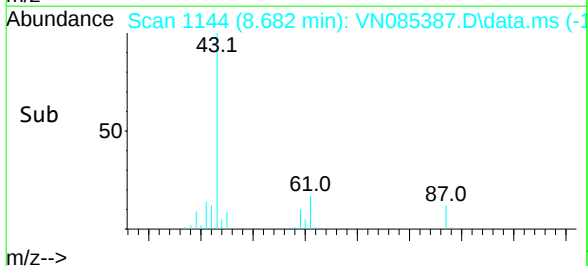
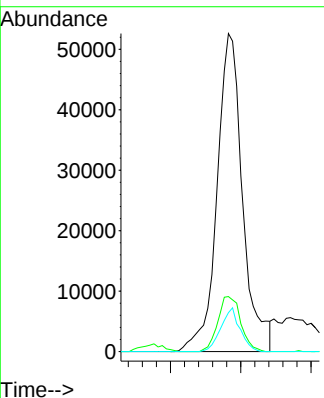
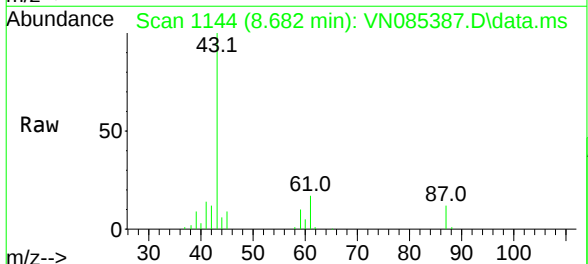
Instrument :
 MSVOA_N
 ClientSampleId :
 PB165935ZHE#01

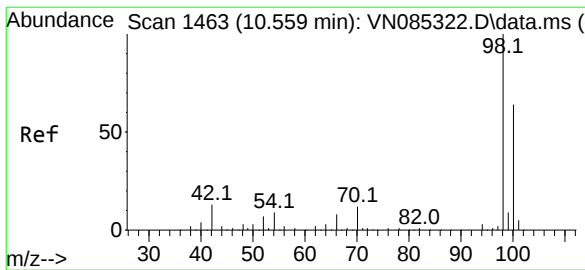
Tgt Ion:	113	Resp:	103640
Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.5	120.7
192	16.9	12.9	19.3



#43
 Isopropyl Acetate
 Concen: 27.726 ug/l
 RT: 8.682 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VN085387.D
 Acq: 06 Jan 2025 14:07

Tgt Ion:	43	Resp:	133118
Ion	Ratio	Lower	Upper
43	100		
61	15.5	20.8	31.2
87	10.3	10.2	15.4





#50

Toluene-d8

Concen: 53.509 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085387.D

Acq: 06 Jan 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

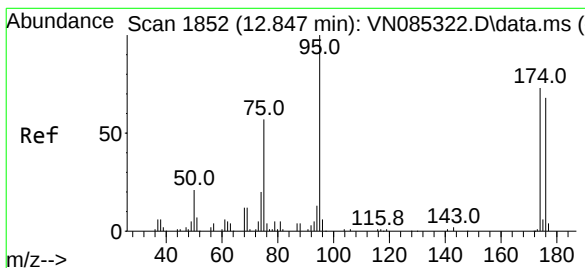
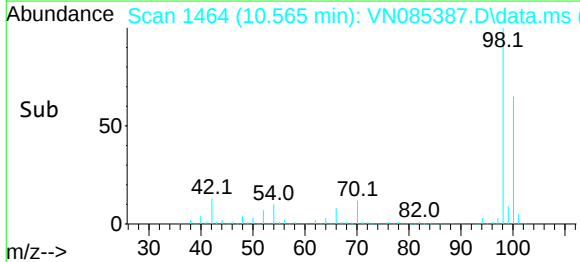
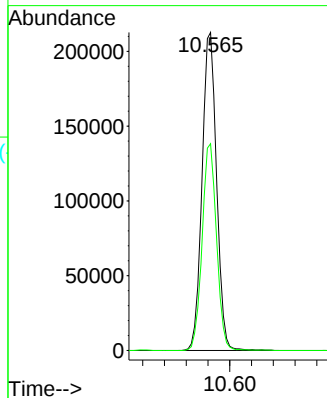
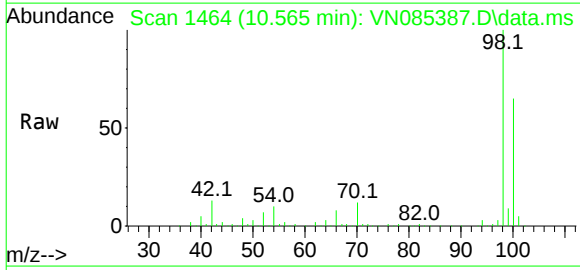
PB165935ZHE#01

Tgt Ion: 98 Resp: 393423

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.449 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085387.D

Acq: 06 Jan 2025 14:07

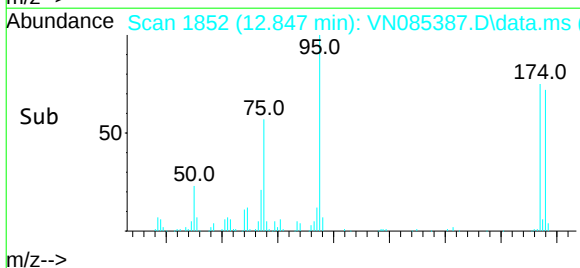
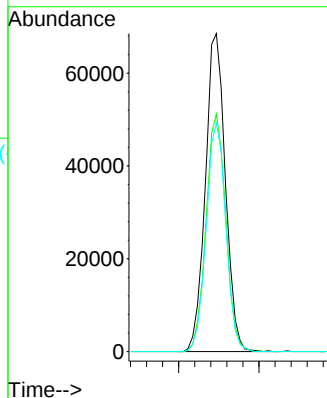
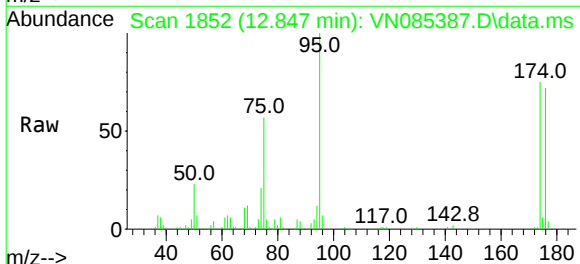
Tgt Ion: 95 Resp: 118302

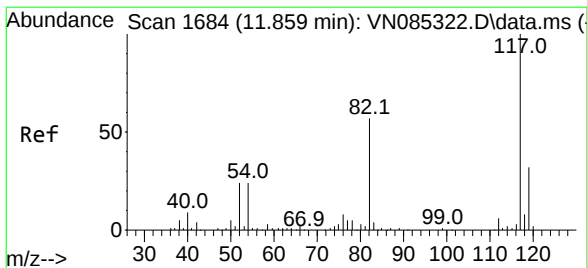
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.2

176 70.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085387.D

Acq: 06 Jan 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB165935ZHE#01

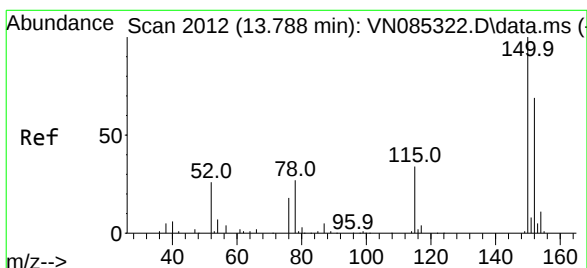
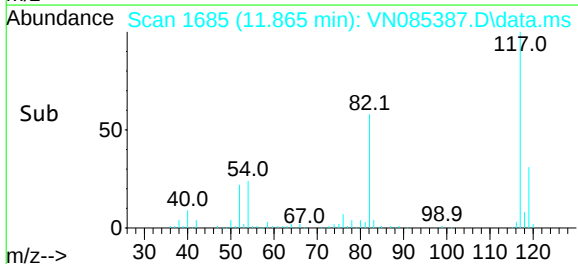
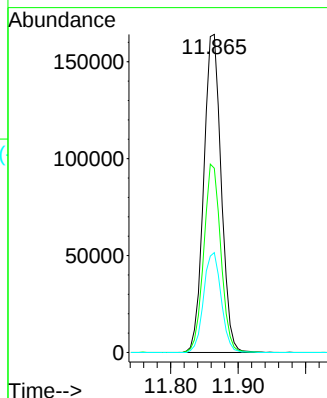
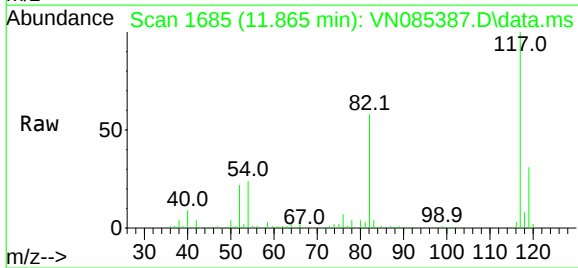
Tgt Ion:117 Resp: 294898

Ion Ratio Lower Upper

117 100

82 57.9 45.7 68.5

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085387.D

Acq: 06 Jan 2025 14:07

Tgt Ion:152 Resp: 109588

Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.3

150 159.2 0.0 345.0

