

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085622.D
 Acq On : 03 Feb 2025 15:12
 Operator : JC\MD
 Sample : PB166424ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#01

Quant Time: Feb 04 00:58:44 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)

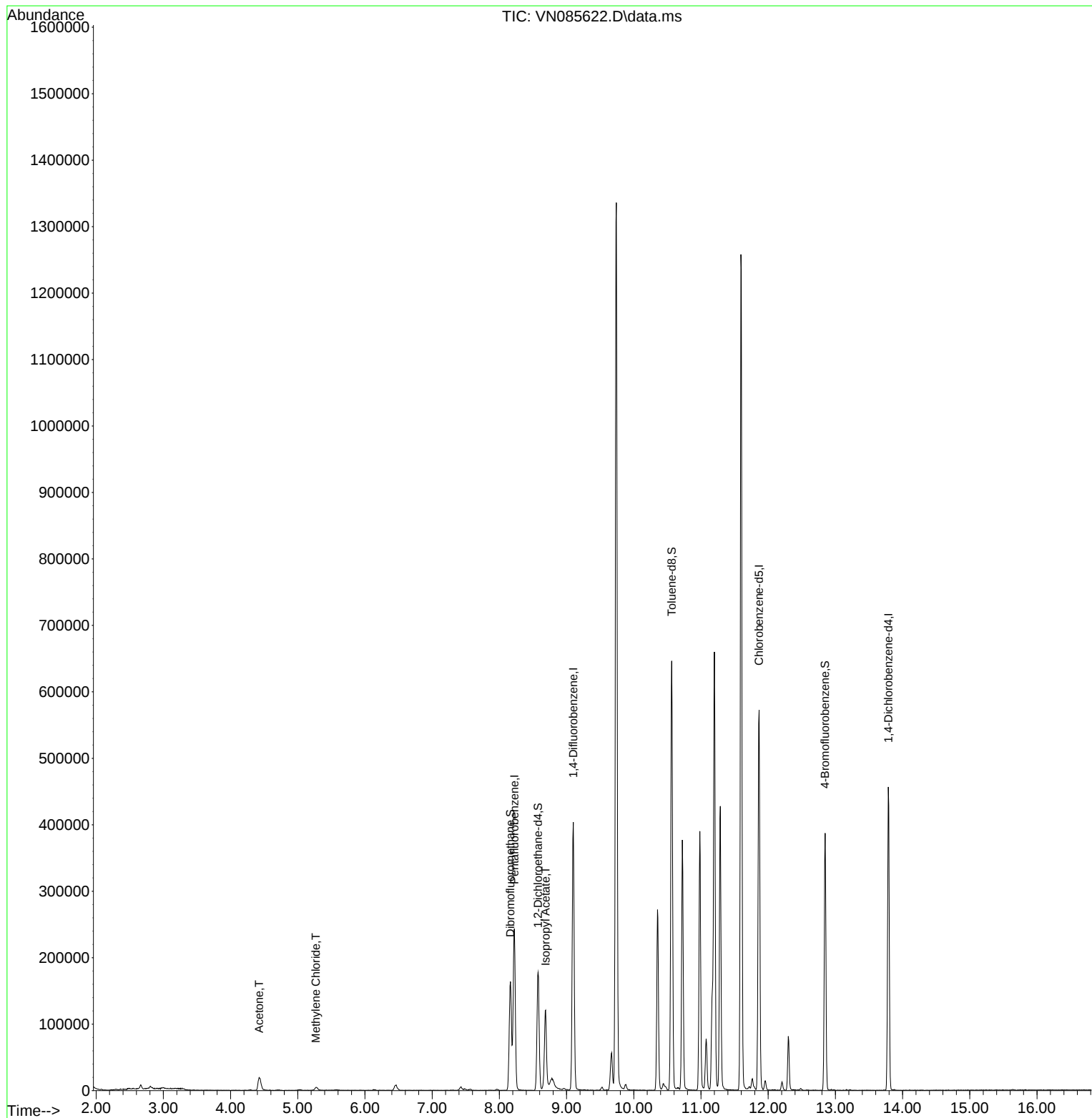
Internal Standards						
1) Pentafluorobenzene	8.224	168	167414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146922	54.367	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.740%		
35) Dibromofluoromethane	8.165	113	118934	50.206	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.420%		
50) Toluene-d8	10.565	98	456876	54.282	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.560%		
62) 4-Bromofluorobenzene	12.847	95	130578	45.353	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.700%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	38490	44.081	ug/l	97
20) Methylene Chloride	5.271	84	3603	1.667	ug/l #	81
43) Isopropyl Acetate	8.688	43	131701	24.492	ug/l #	89

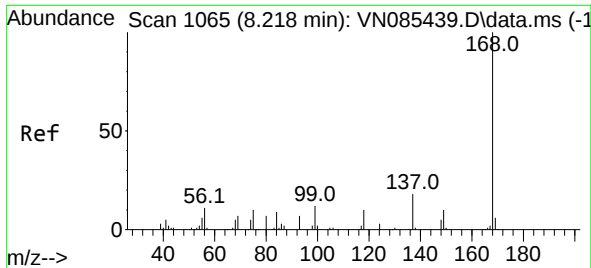
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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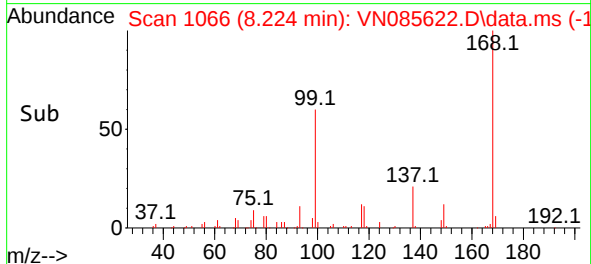
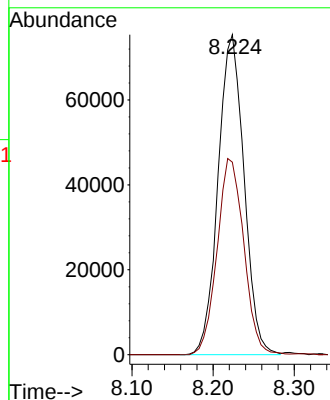
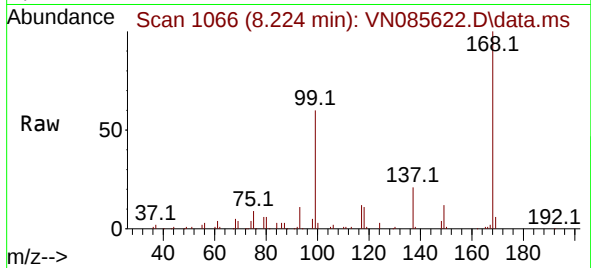




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

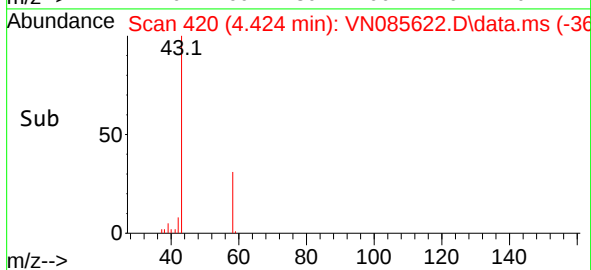
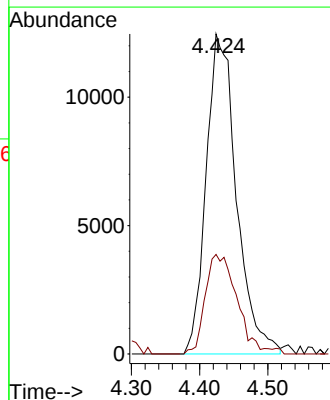
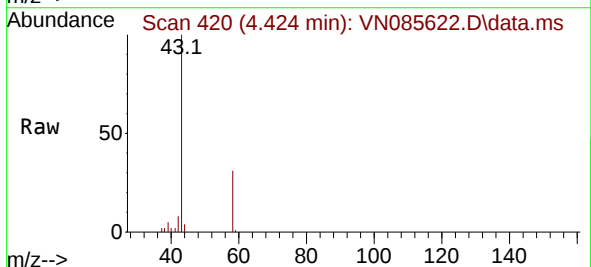
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#01

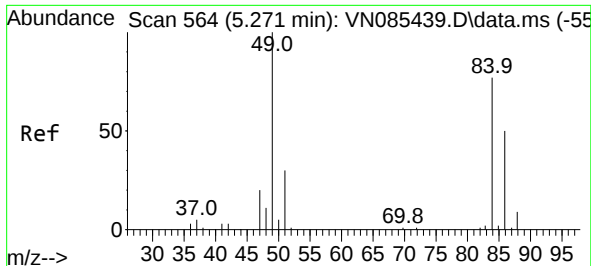
Tgt Ion:168 Resp: 167414
Ion Ratio Lower Upper
168 100
99 60.2 53.6 80.4



#16
Acetone
Concen: 44.081 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

Tgt Ion: 43 Resp: 38490
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.6

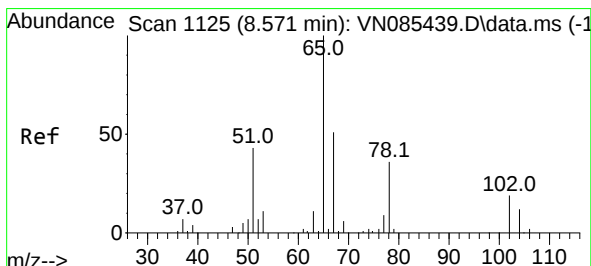
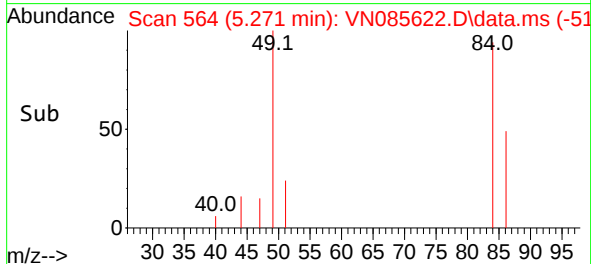
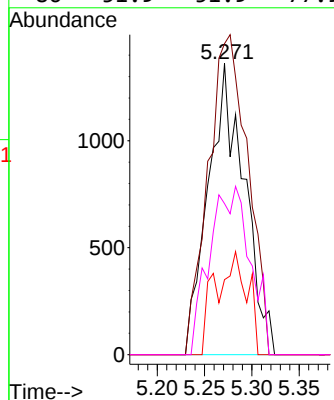
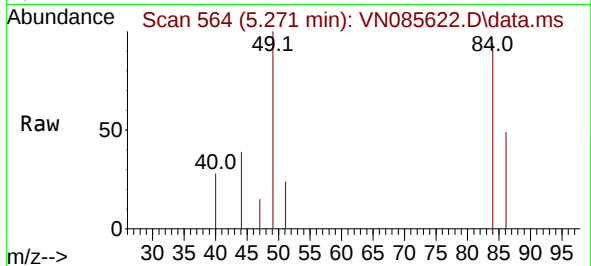




#20
Methylene Chloride
Concen: 1.667 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

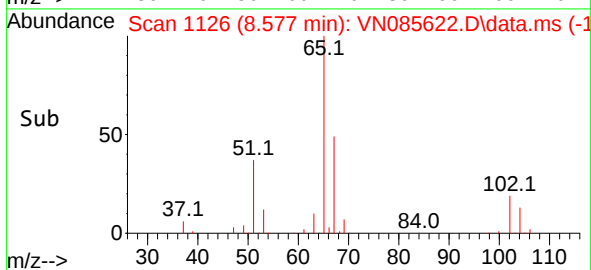
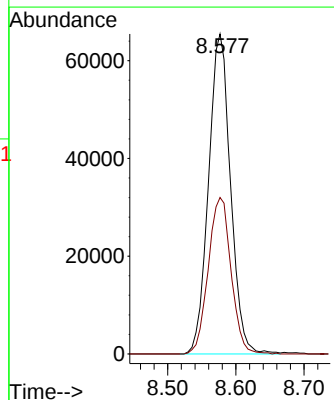
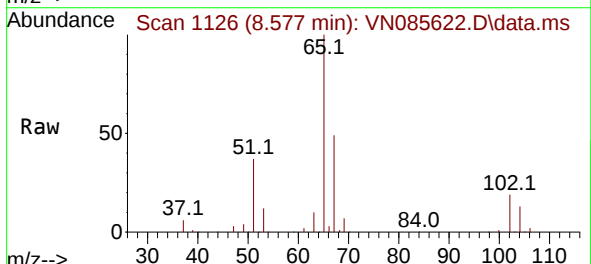
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#01

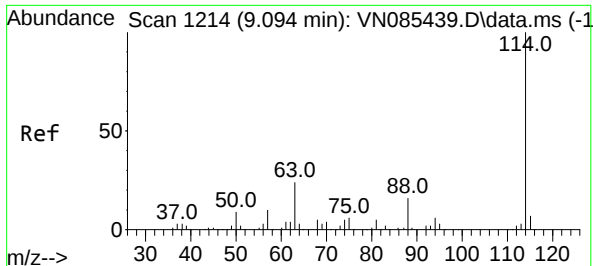
Tgt Ion: 84	Resp: 3603
Ion Ratio	Lower Upper
84 100	
49 106.8	104.1 156.1
51 25.8	31.0 46.4#
86 51.9	51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 54.367 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

Tgt Ion: 65	Resp: 146922
Ion Ratio	Lower Upper
65 100	
67 50.7	0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085622.D

Acq: 03 Feb 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#01

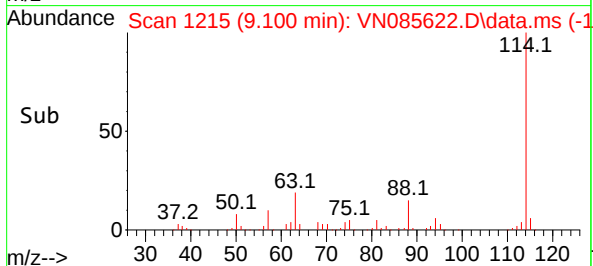
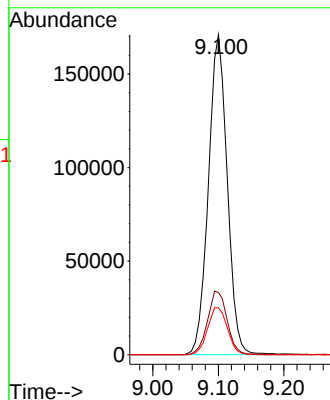
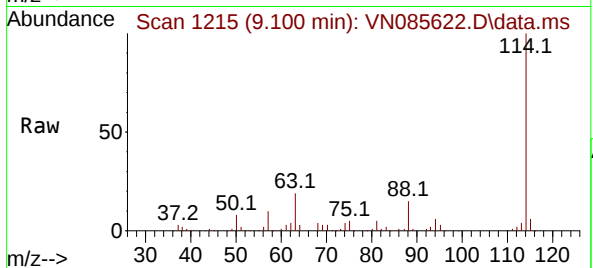
Tgt Ion:114 Resp: 341464

Ion Ratio Lower Upper

114 100

63 19.5 0.0 47.6

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085622.D

Acq: 03 Feb 2025 15:12

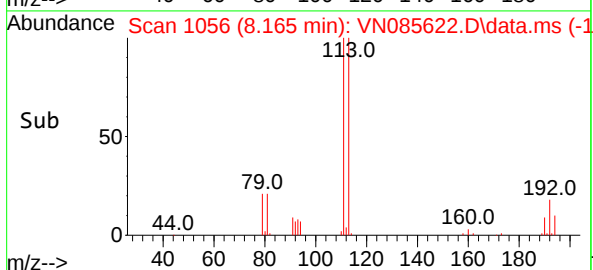
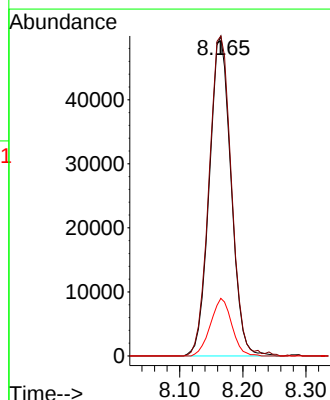
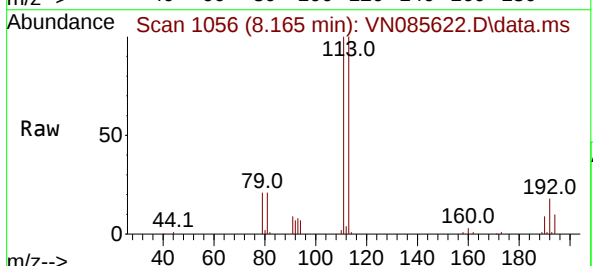
Tgt Ion:113 Resp: 118934

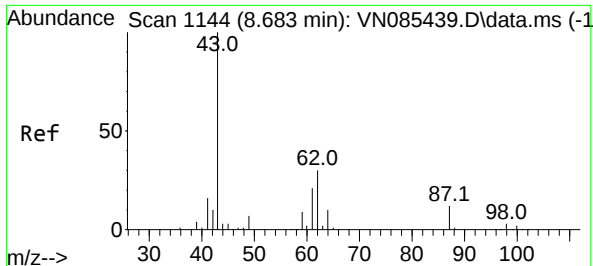
Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 17.7 14.3 21.5





#43

Isopropyl Acetate

Concen: 24.492 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085622.D

Acq: 03 Feb 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#01

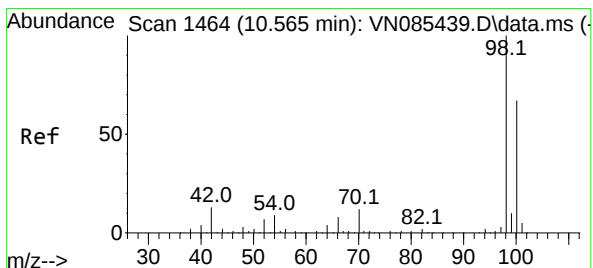
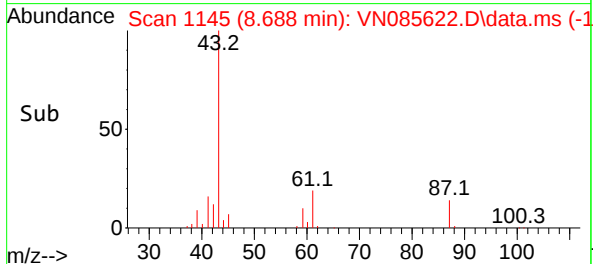
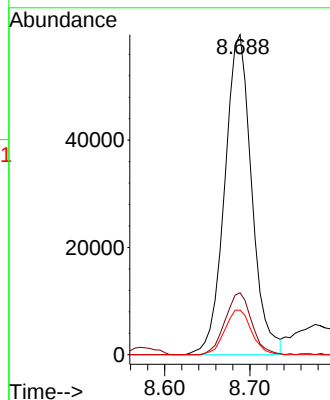
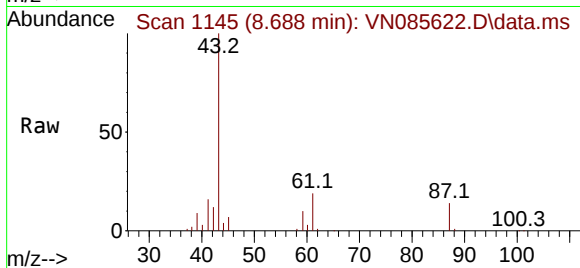
Tgt Ion: 43 Resp: 131701

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

87 13.7 9.8 14.8



#50

Toluene-d8

Concen: 54.282 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085622.D

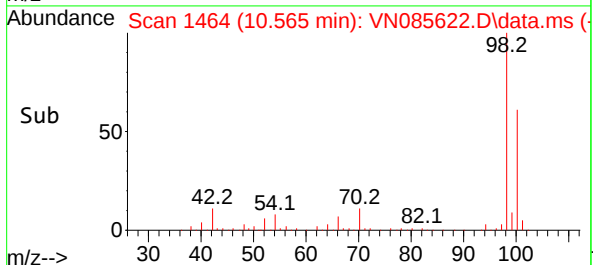
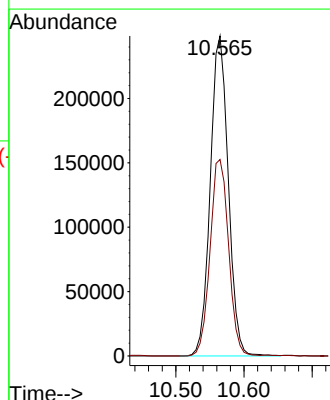
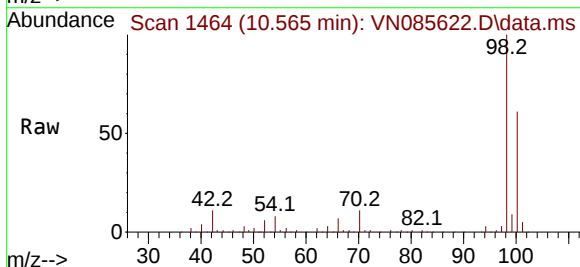
Acq: 03 Feb 2025 15:12

Tgt Ion: 98 Resp: 456876

Ion Ratio Lower Upper

98 100

100 63.2 52.2 78.4

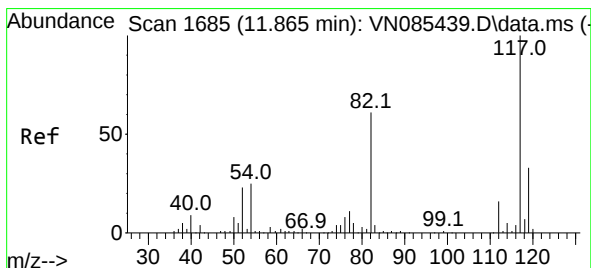
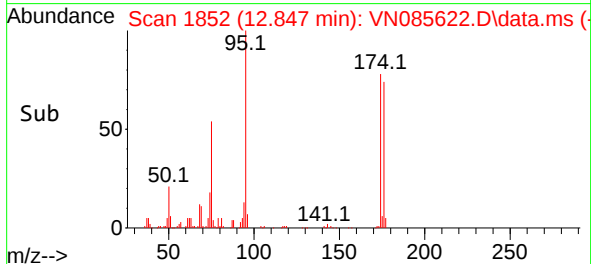
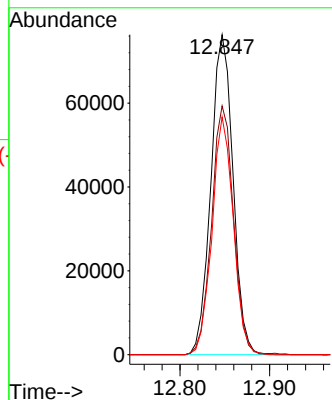
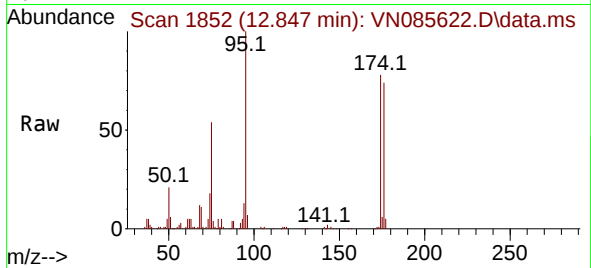




#62
4-Bromofluorobenzene
Concen: 45.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

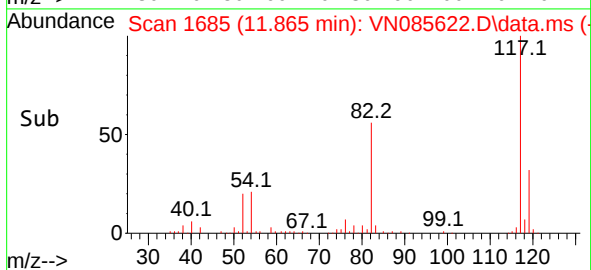
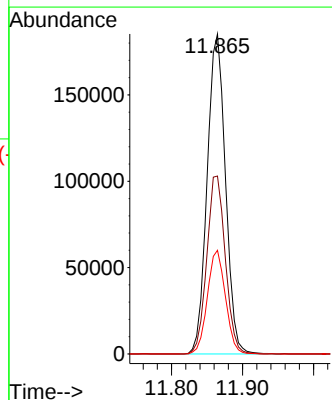
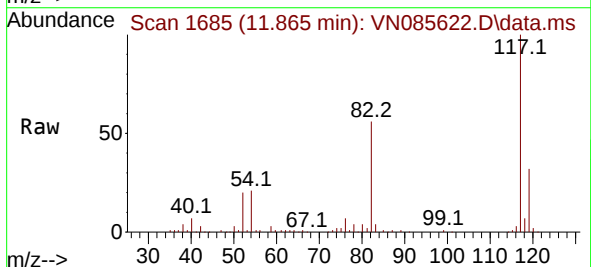
Instrument :
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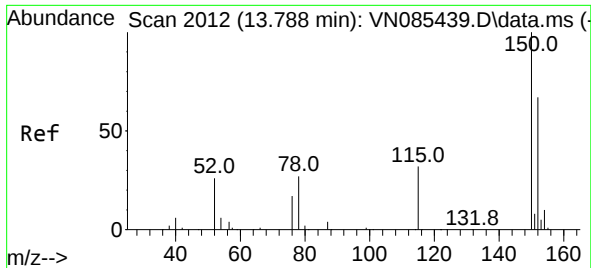
Tgt Ion: 95 Resp: 130578
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 71.5 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085622.D
Acq: 03 Feb 2025 15:12

Tgt Ion: 117 Resp: 331852
Ion Ratio Lower Upper
117 100
82 55.6 48.6 72.8
119 32.4 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN085622.D

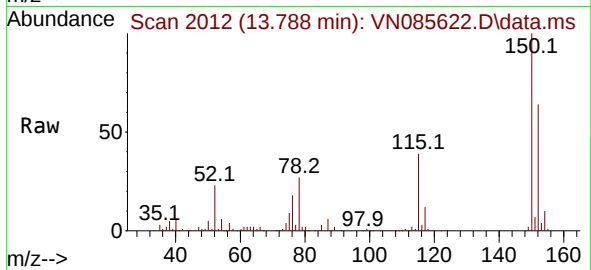
Acq: 03 Feb 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#01



Tgt Ion:152 Resp: 121233

Ion Ratio Lower Upper

152 100

115 62.1 31.1 93.3

150 158.6 0.0 343.6

