

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085747.D
 Acq On : 11 Feb 2025 16:02
 Operator : JC\MD
 Sample : PB166652ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166652ZHE#07

Quant Time: Feb 11 23:21:02 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)

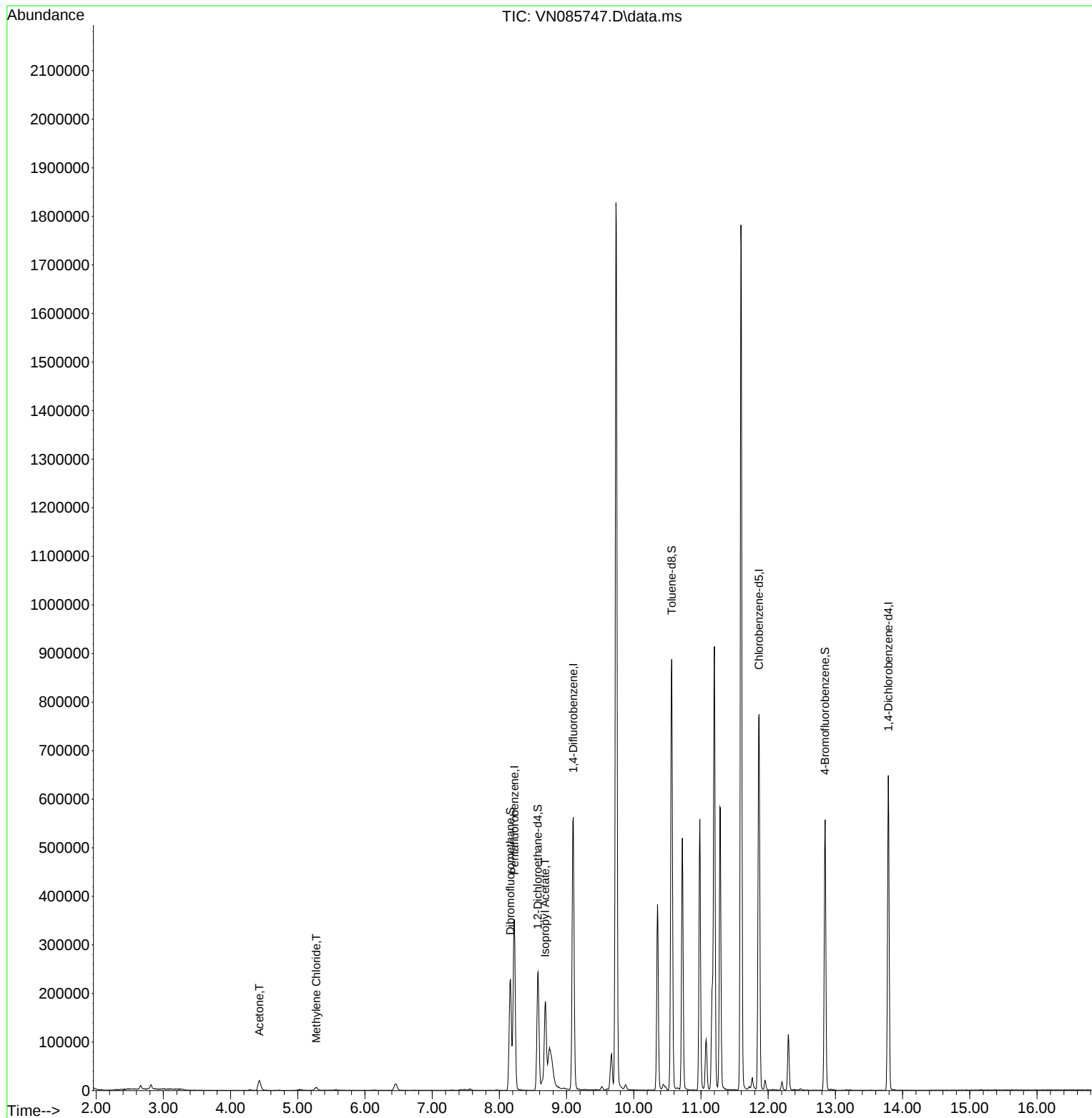
Internal Standards						
1) Pentafluorobenzene	8.224	168	249253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	492314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	202163	50.246	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.500%		
35) Dibromofluoromethane	8.165	113	168674	49.386	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.780%		
50) Toluene-d8	10.565	98	622056	51.261	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.520%		
62) 4-Bromofluorobenzene	12.847	95	189006	45.532	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.060%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	39890	30.684	ug/l	90
20) Methylene Chloride	5.277	84	4796	1.490	ug/l #	85
43) Isopropyl Acetate	8.682	43	224070	28.902	ug/l #	87

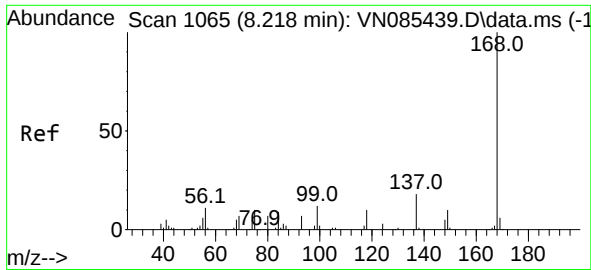
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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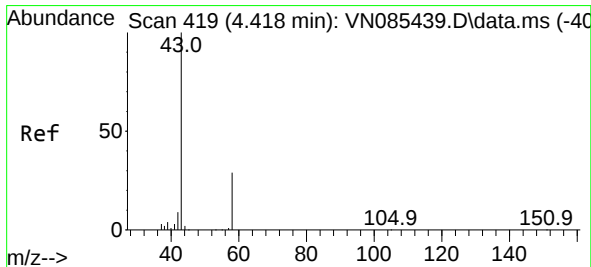
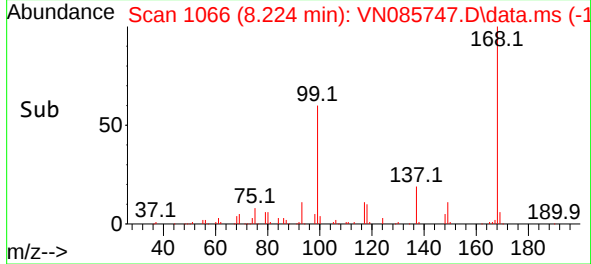
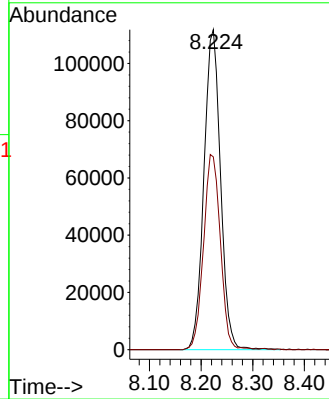
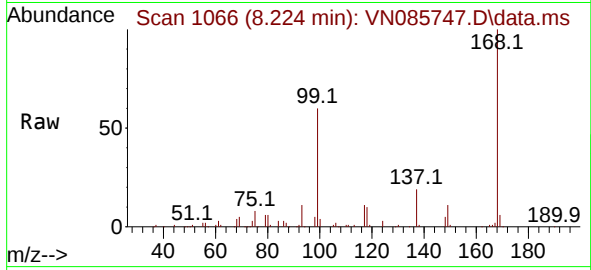




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

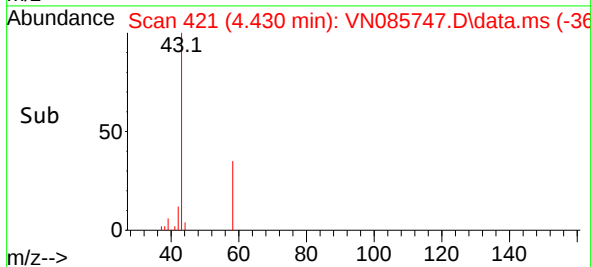
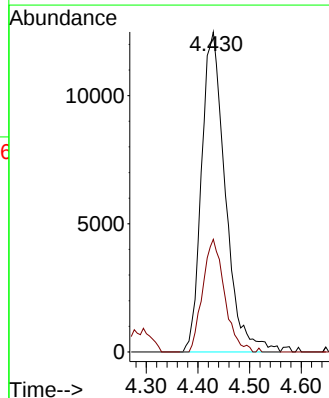
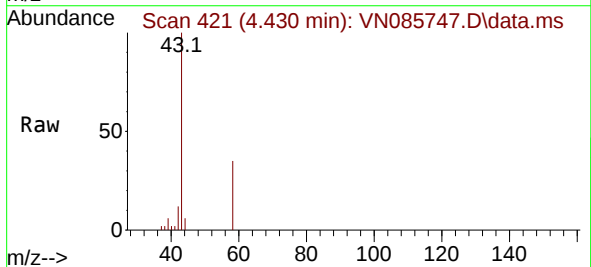
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#07

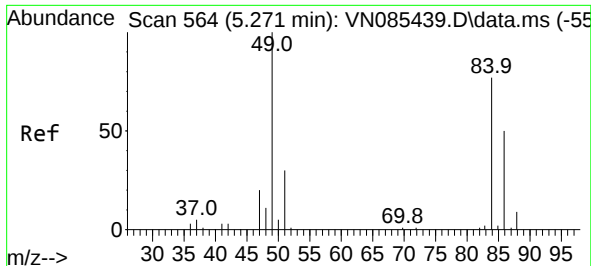
Tgt Ion:168 Resp: 249253
Ion Ratio Lower Upper
168 100
99 60.3 53.6 80.4



#16
Acetone
Concen: 30.684 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

Tgt Ion: 43 Resp: 39890
Ion Ratio Lower Upper
43 100
58 35.2 23.8 35.6

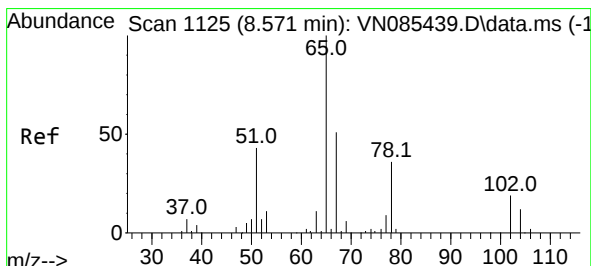
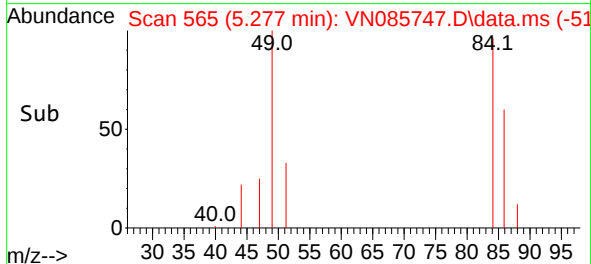
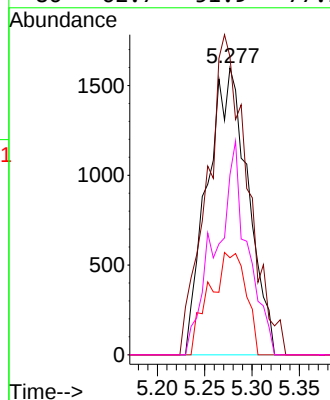
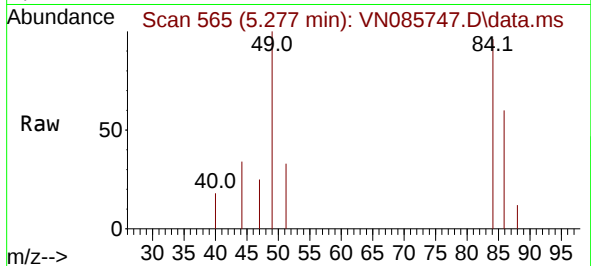




#20
Methylene Chloride
Concen: 1.490 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

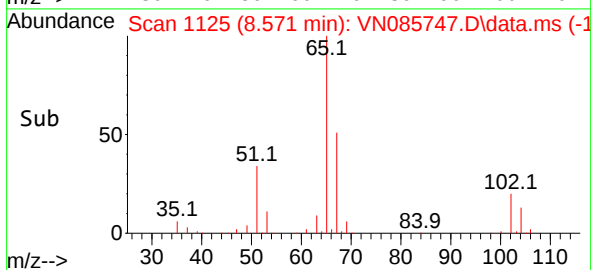
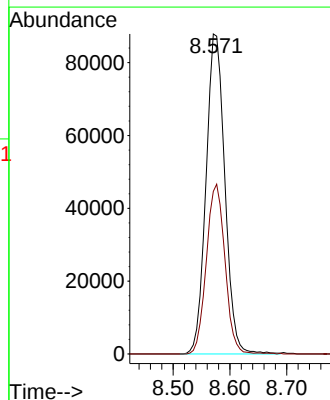
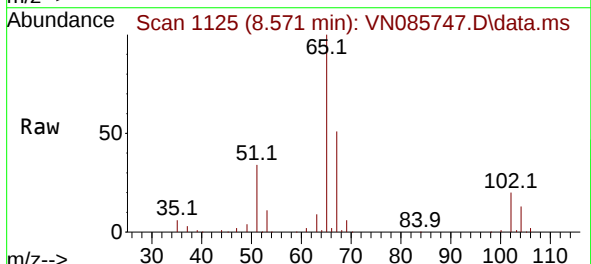
Instrument :
MSVOA_N
ClientSampleId :
PB166652ZHE#07

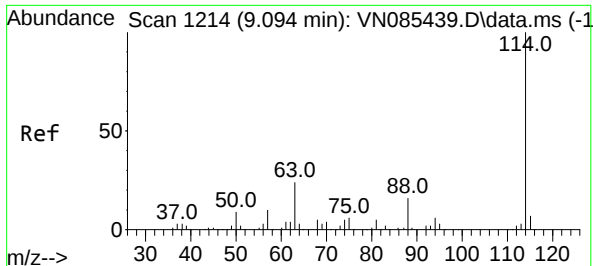
Tgt Ion: 84 Resp: 4796
Ion Ratio Lower Upper
84 100
49 103.9 104.1 156.1#
51 33.9 31.0 46.4
86 62.7 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 50.246 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

Tgt Ion: 65 Resp: 202163
Ion Ratio Lower Upper
65 100
67 52.3 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: VN085747.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

PB166652ZHE#07

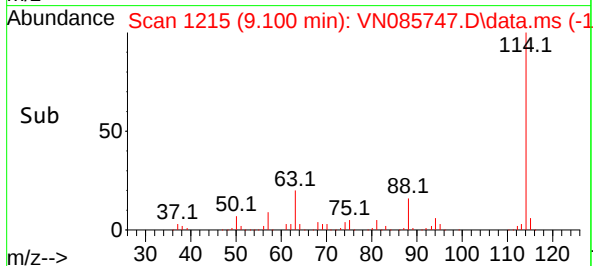
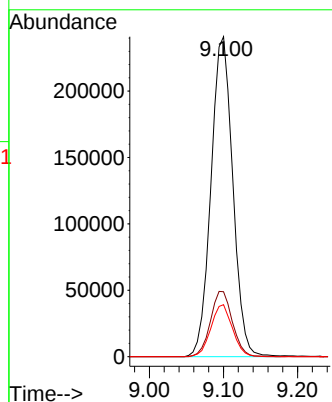
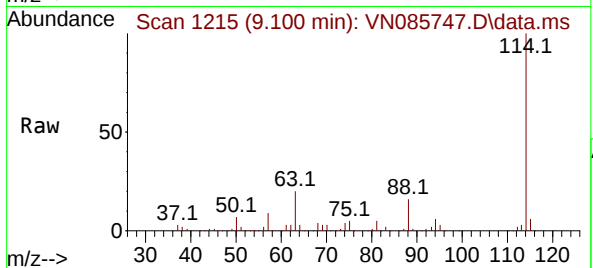
Tgt Ion:114 Resp: 492314

Ion Ratio Lower Upper

114 100

63 20.3 0.0 47.6

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085747.D

Acq: 11 Feb 2025 16:02

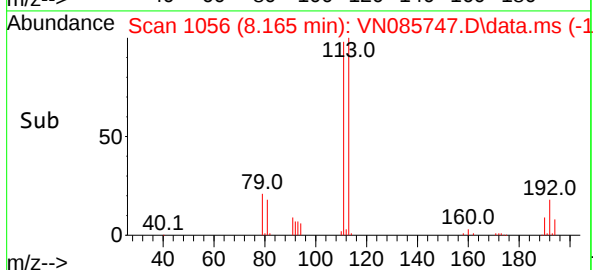
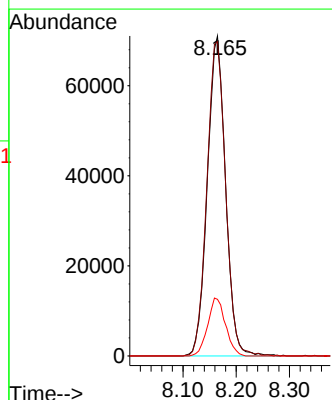
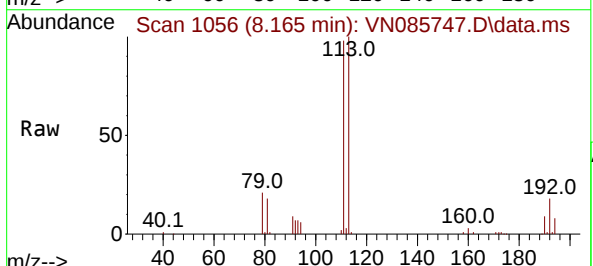
Tgt Ion:113 Resp: 168674

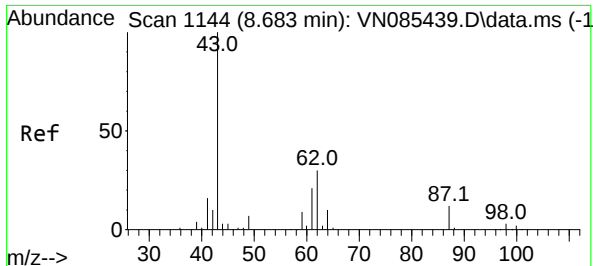
Ion Ratio Lower Upper

113 100

111 100.9 82.7 124.1

192 17.8 14.3 21.5





#43

Isopropyl Acetate

Concen: 28.902 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085747.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

PB166652ZHE#07

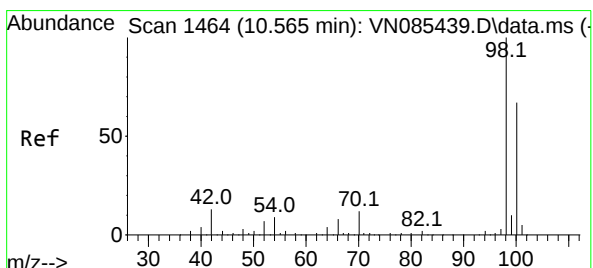
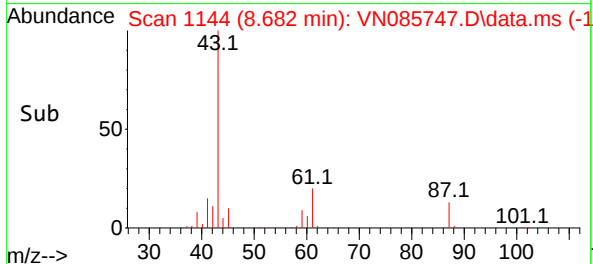
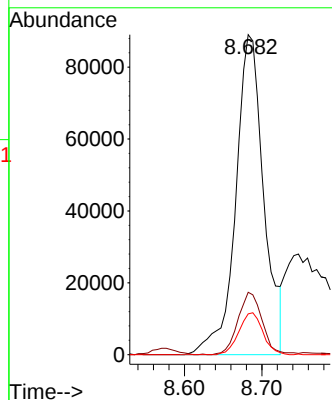
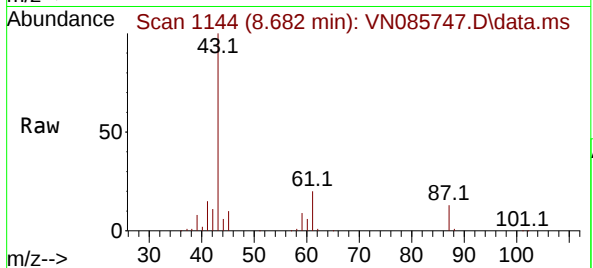
Tgt Ion: 43 Resp: 224070

Ion Ratio Lower Upper

43 100

61 16.9 20.7 31.1#

87 11.2 9.8 14.8



#50

Toluene-d8

Concen: 51.261 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085747.D

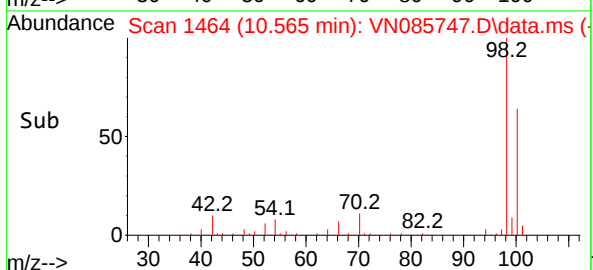
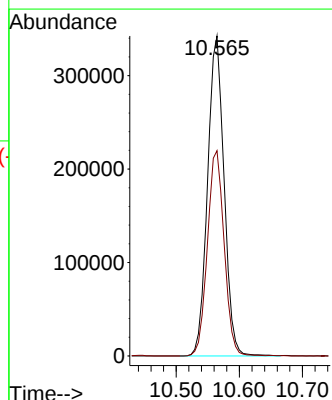
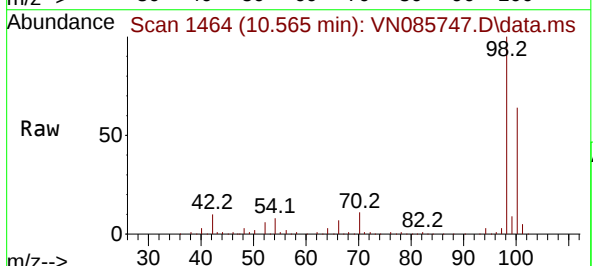
Acq: 11 Feb 2025 16:02

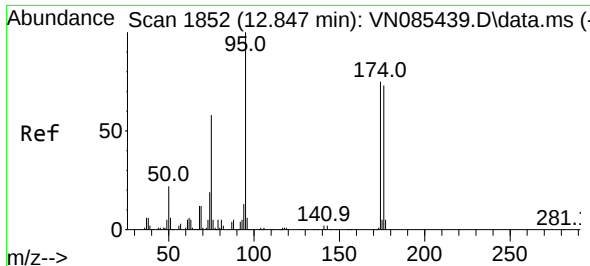
Tgt Ion: 98 Resp: 622056

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

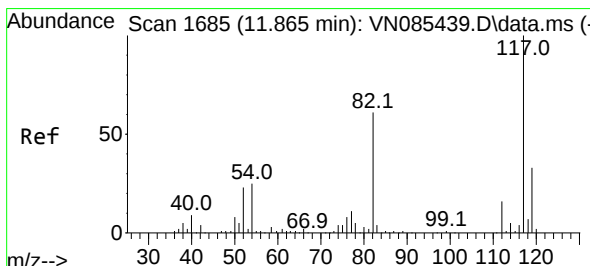
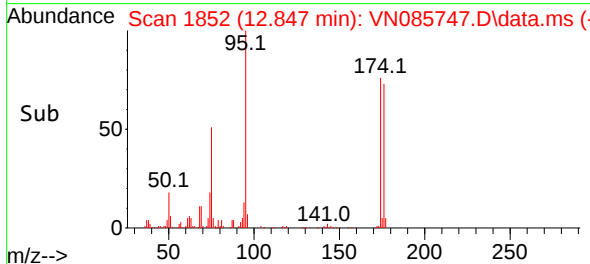
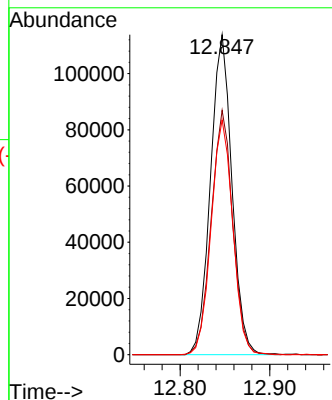
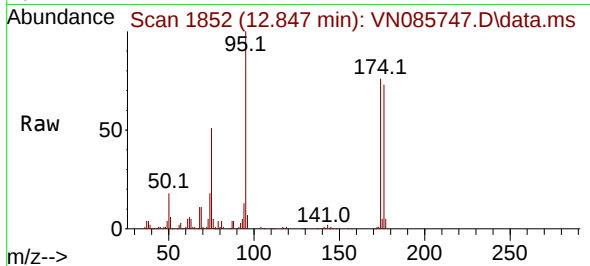




#62
4-Bromofluorobenzene
Concen: 45.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

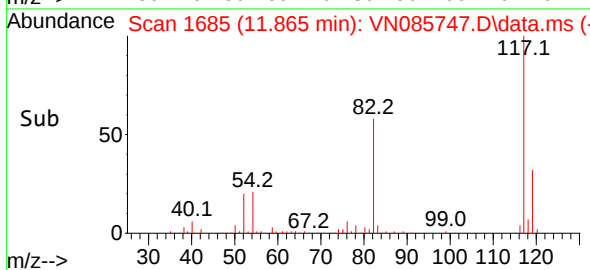
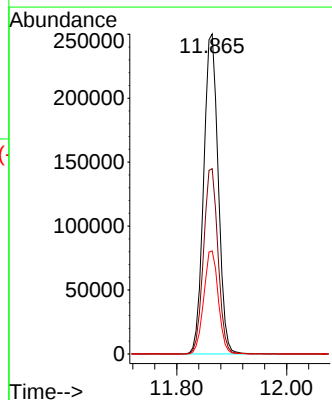
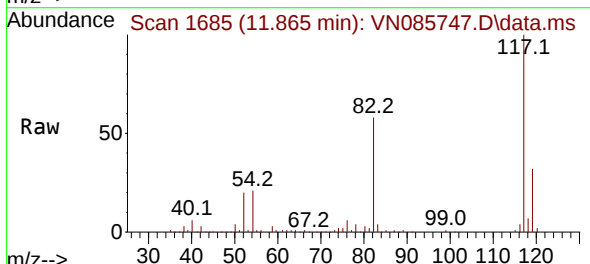
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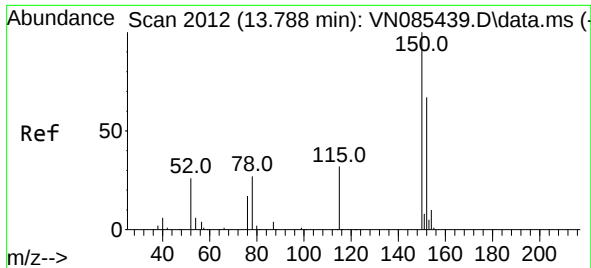
Tgt Ion: 95 Resp: 189006
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 73.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085747.D
Acq: 11 Feb 2025 16:02

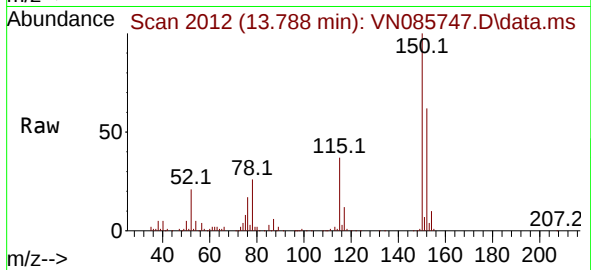
Tgt Ion: 117 Resp: 459304
Ion Ratio Lower Upper
117 100
82 57.9 48.6 72.8
119 32.2 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085747.D
 Acq: 11 Feb 2025 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166652ZHE#07



Tgt Ion:152 Resp: 170760
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.1 93.3
 150 161.5 0.0 343.6

