

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085700.D
 Acq On : 07 Feb 2025 16:41
 Operator : JC\MD
 Sample : PB166592ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#02

Quant Time: Feb 07 22:33:14 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)

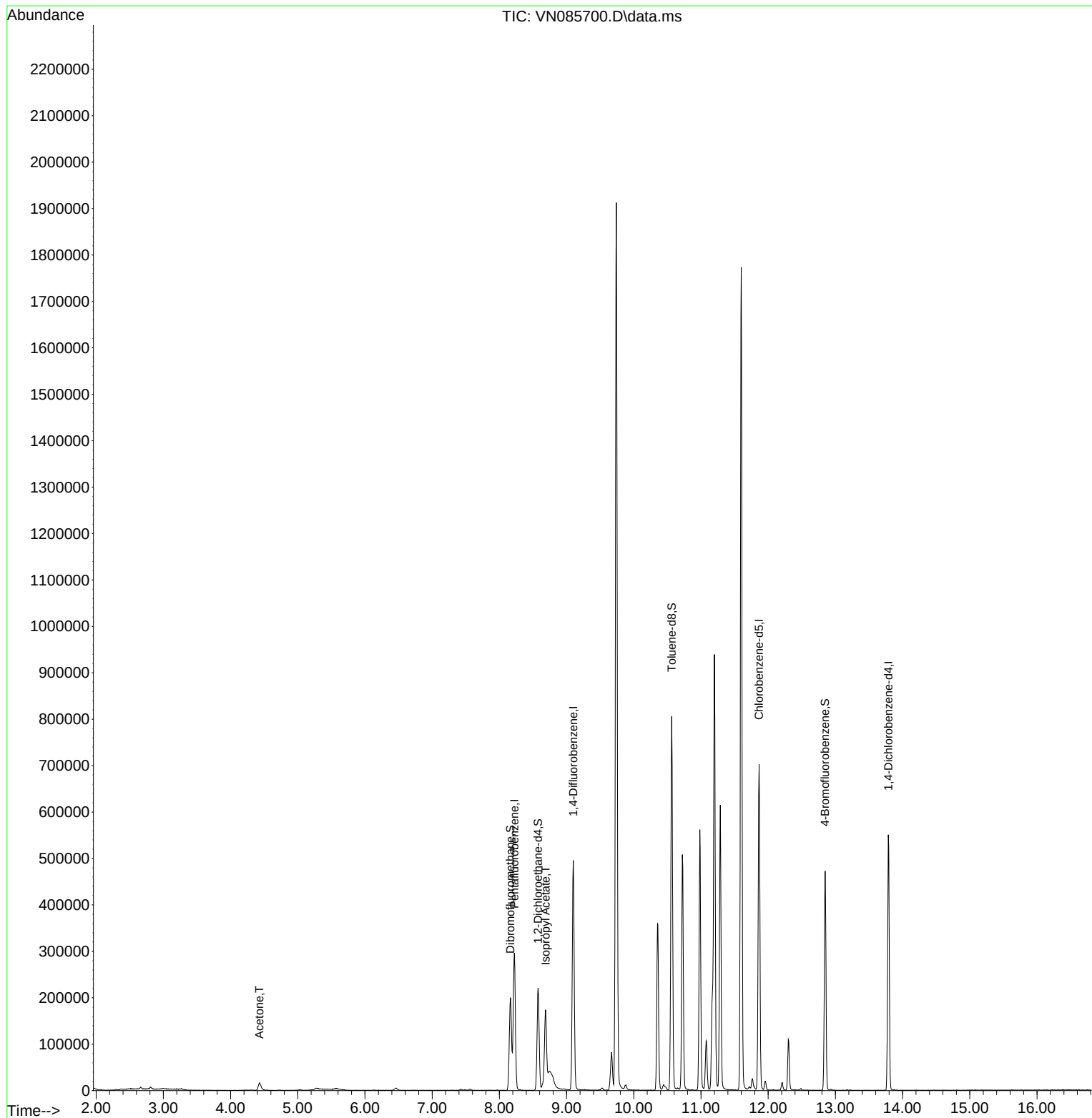
Internal Standards						
1) Pentafluorobenzene	8.224	168	205784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	401043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178965	53.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	8.165	113	144261	50.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	10.565	98	550011	53.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.847	95	161389	46.051	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	29205	27.211	ug/l	96
43) Isopropyl Acetate	8.688	43	204434	31.234	ug/l #	89

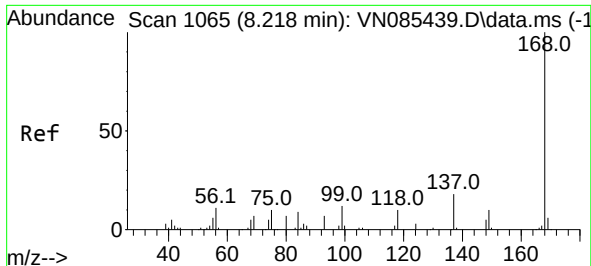
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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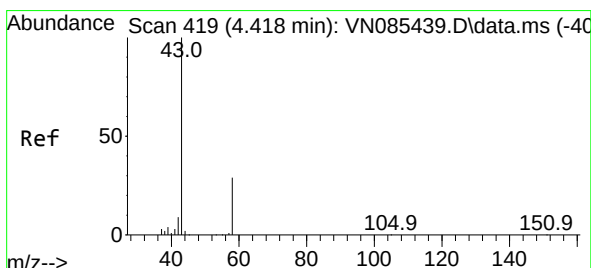
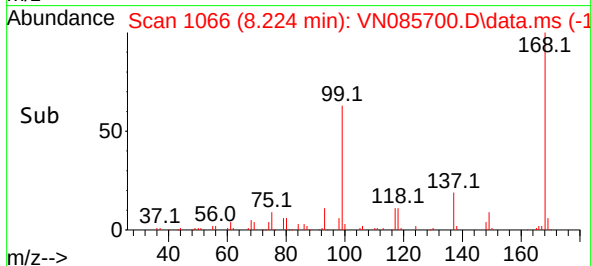
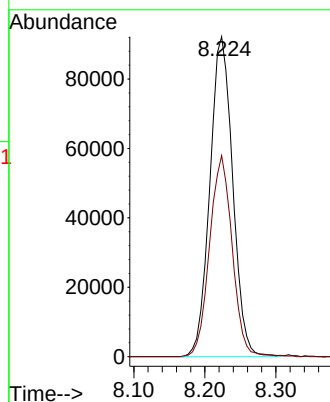
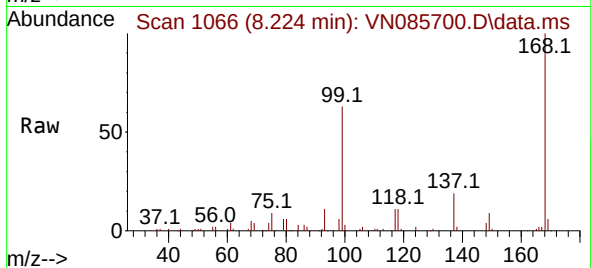




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085700.D
Acq: 07 Feb 2025 16:41

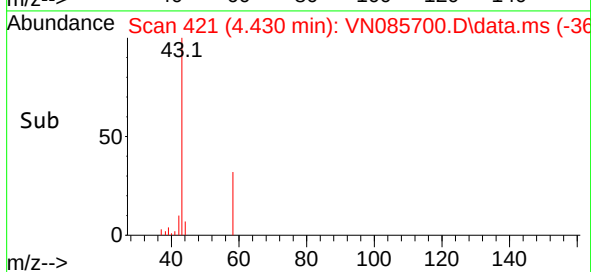
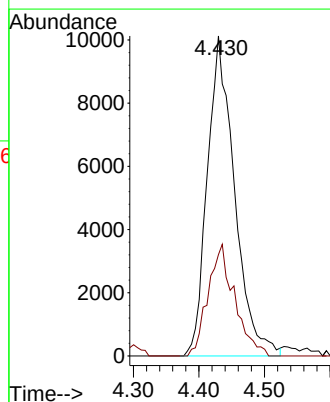
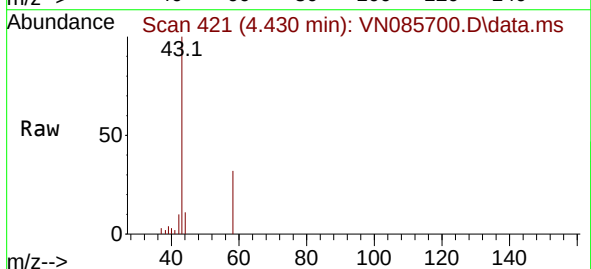
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#02

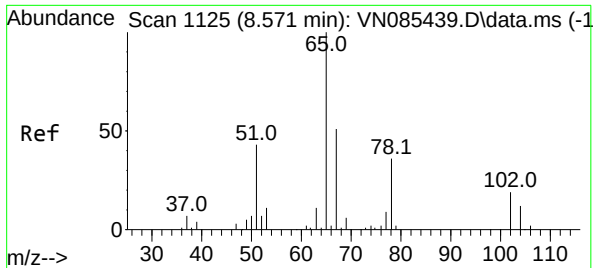
Tgt Ion:168 Resp: 205784
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#16
Acetone
Concen: 27.211 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085700.D
Acq: 07 Feb 2025 16:41

Tgt Ion: 43 Resp: 29205
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 53.876 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085700.D

Acq: 07 Feb 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

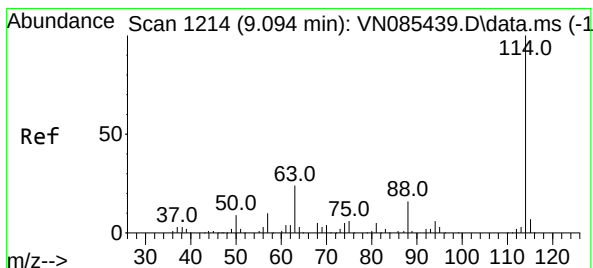
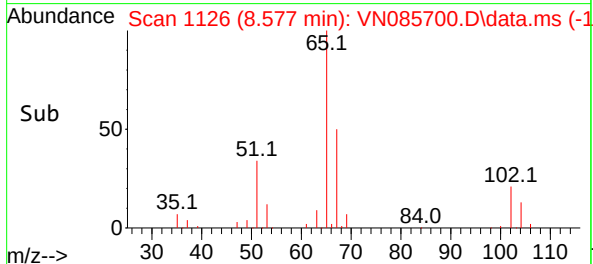
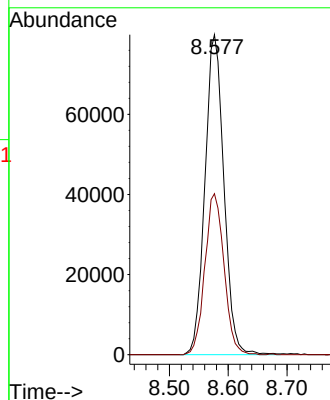
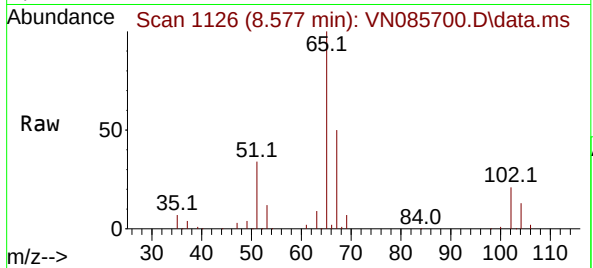
PB166592ZHE#02

Tgt Ion: 65 Resp: 178965

Ion Ratio Lower Upper

65 100

67 50.9 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: VN085700.D

Acq: 07 Feb 2025 16:41

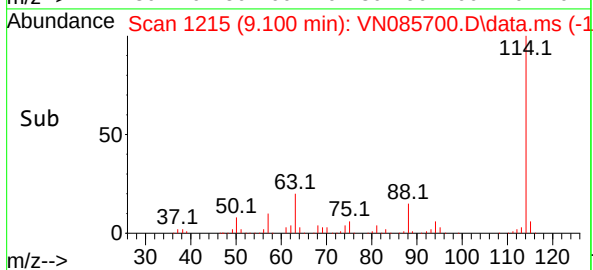
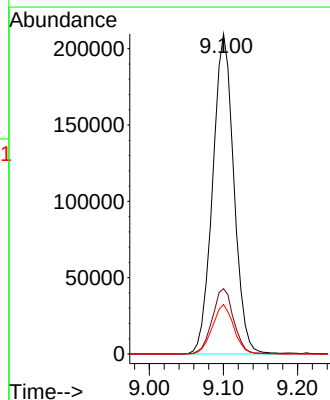
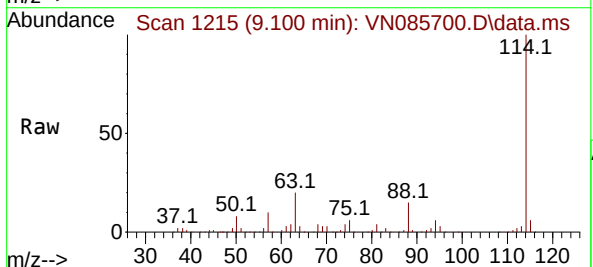
Tgt Ion: 114 Resp: 415637

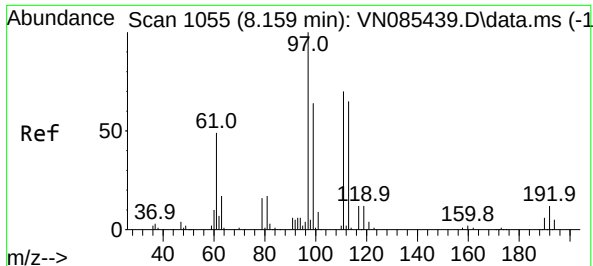
Ion Ratio Lower Upper

114 100

63 20.4 0.0 47.6

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085700.D

Acq: 07 Feb 2025 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#02

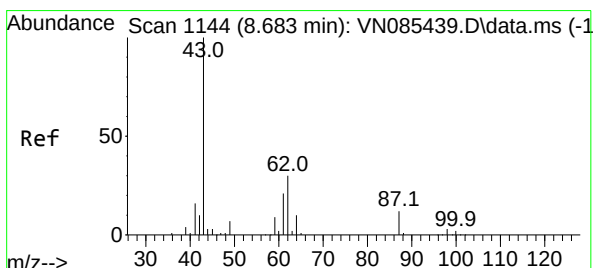
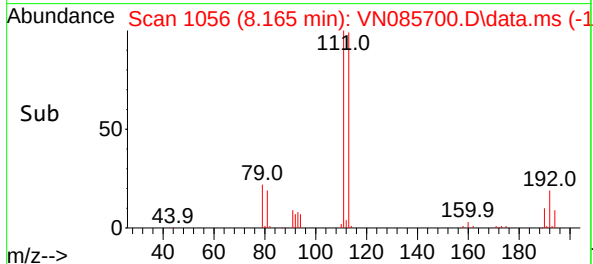
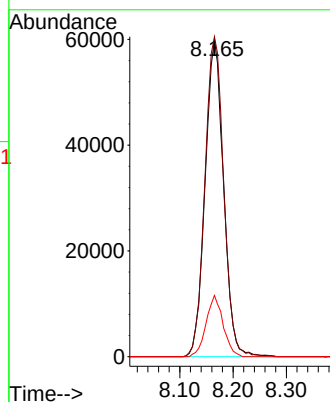
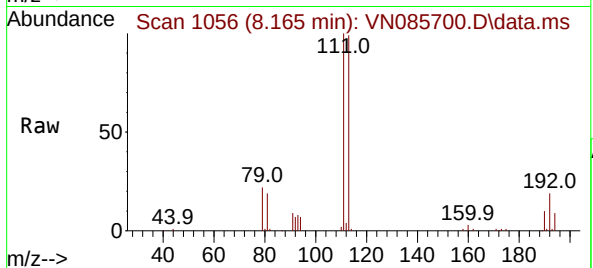
Tgt Ion:113 Resp: 144261

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 17.8 14.3 21.5



#43

Isopropyl Acetate

Concen: 31.234 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085700.D

Acq: 07 Feb 2025 16:41

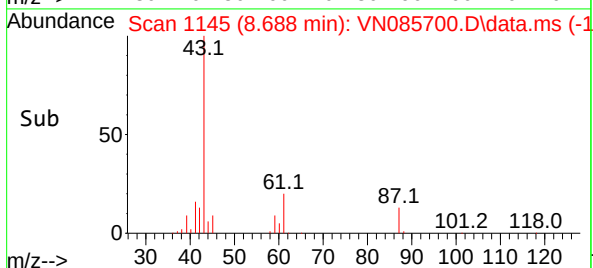
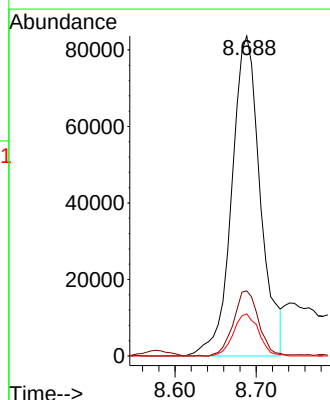
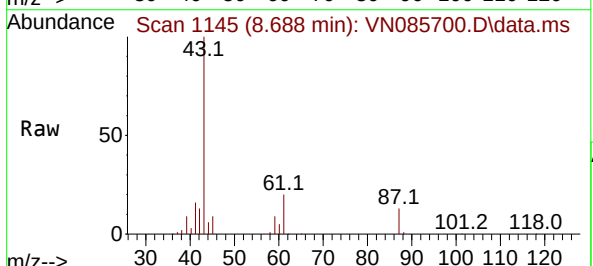
Tgt Ion: 43 Resp: 204434

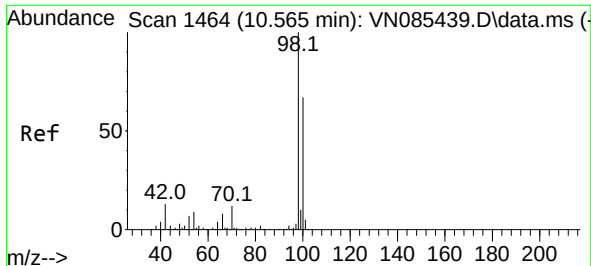
Ion Ratio Lower Upper

43 100

61 18.0 20.7 31.1#

87 11.6 9.8 14.8

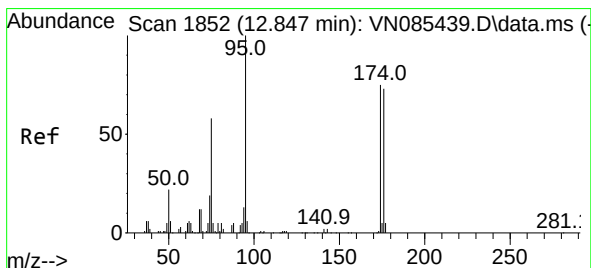
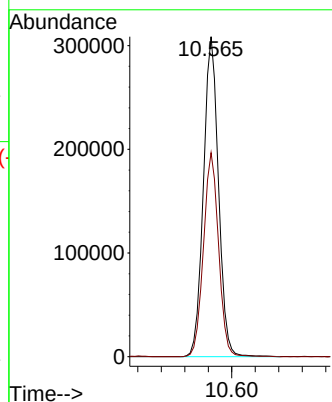
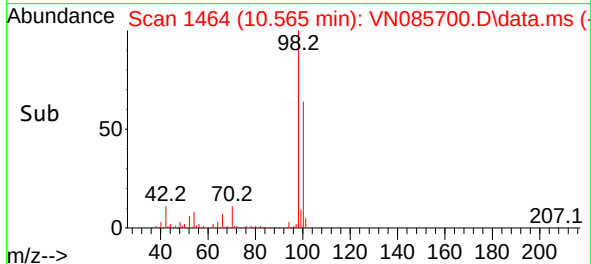
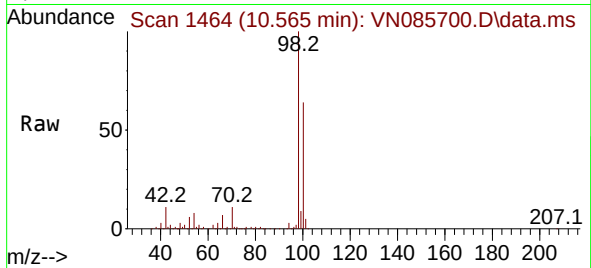




#50
Toluene-d8
Concen: 53.686 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085700.D
Acq: 07 Feb 2025 16:41

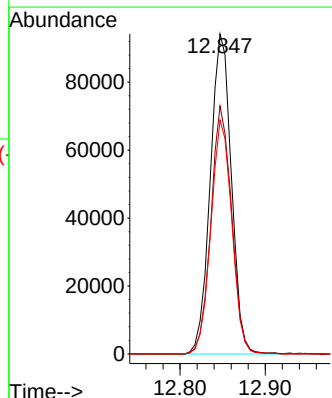
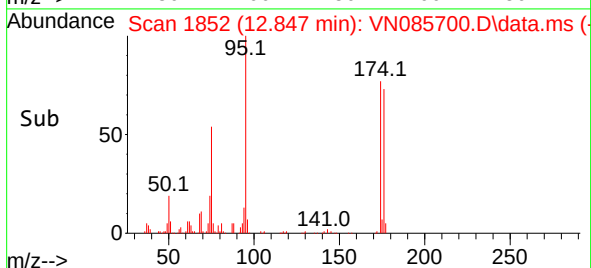
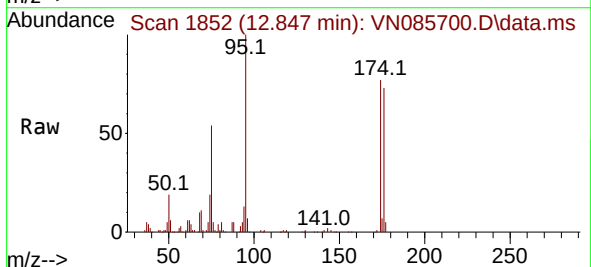
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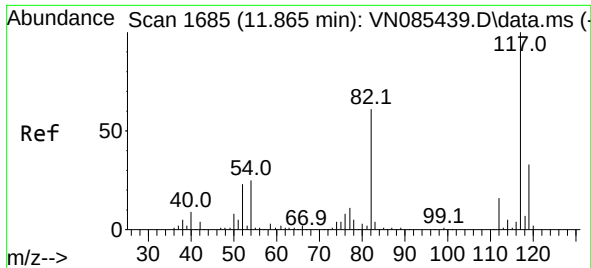
Tgt Ion: 98 Resp: 550011
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.051 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085700.D
Acq: 07 Feb 2025 16:41

Tgt Ion: 95 Resp: 161389
Ion Ratio Lower Upper
95 100
174 76.7 0.0 145.0
176 72.6 0.0 142.4

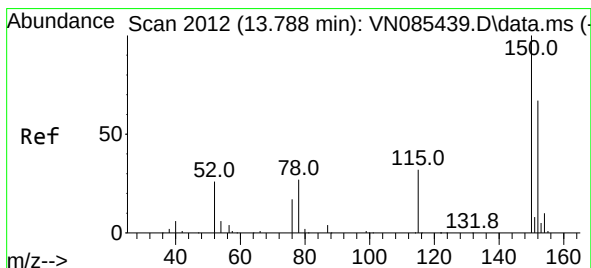
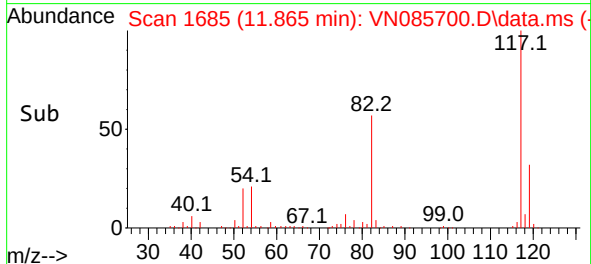
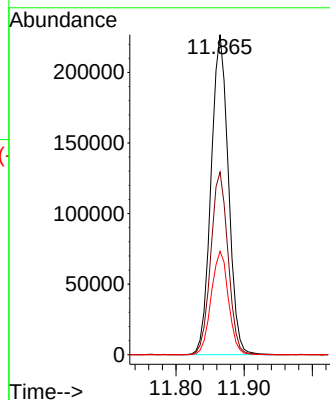
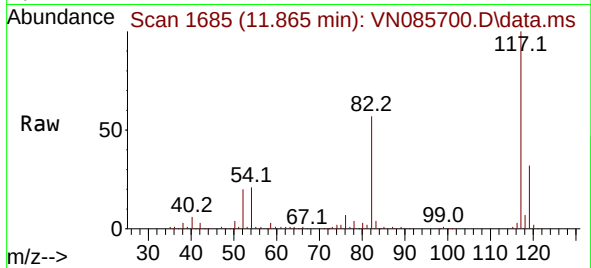




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085700.D
Acq: 07 Feb 2025 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#02

Tgt Ion:117 Resp: 401043
Ion Ratio Lower Upper
117 100
82 57.1 48.6 72.8
119 32.3 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: VN085700.D
Acq: 07 Feb 2025 16:41

Tgt Ion:152 Resp: 148113
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.3
150 156.6 0.0 343.6

