

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085903.D
 Acq On : 06 Mar 2025 17:06
 Operator : JC\MD
 Sample : PB166989ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#05

Quant Time: Mar 07 00:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

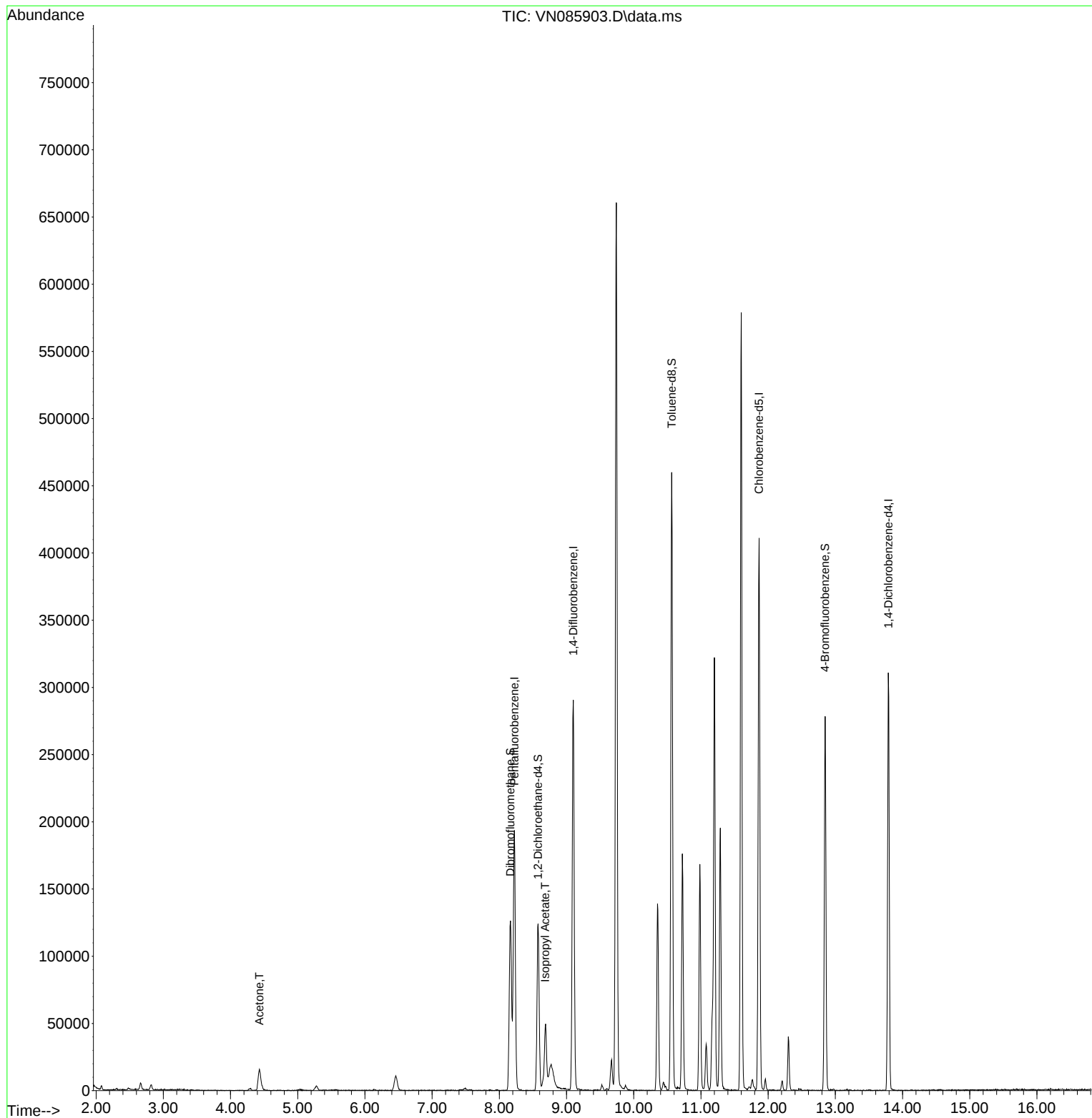
Internal Standards						
1) Pentafluorobenzene	8.224	168	140463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105880	58.142	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.280%			
35) Dibromofluoromethane	8.165	113	94344	55.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.900%			
50) Toluene-d8	10.565	98	328155	53.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.847	95	95703	47.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.700%			
Target Compounds						
16) Acetone	4.430	43	28871	50.105	ug/l	99
43) Isopropyl Acetate	8.683	43	53655	15.188	ug/l #	90

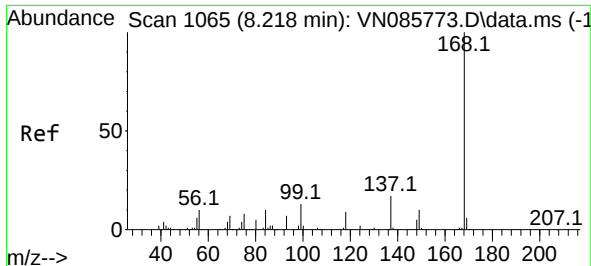
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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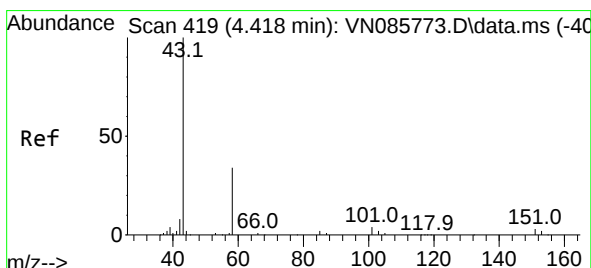
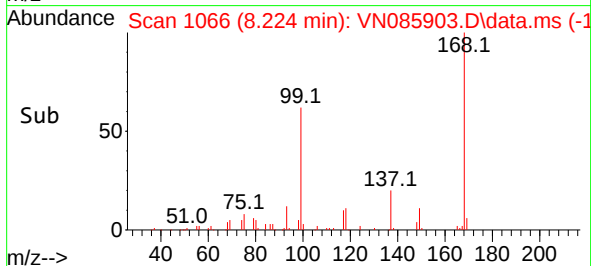
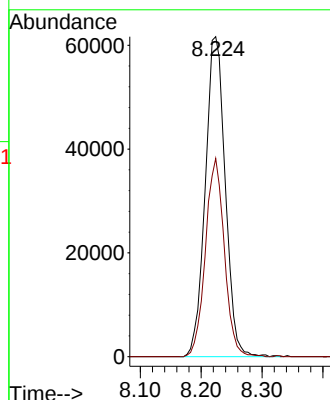
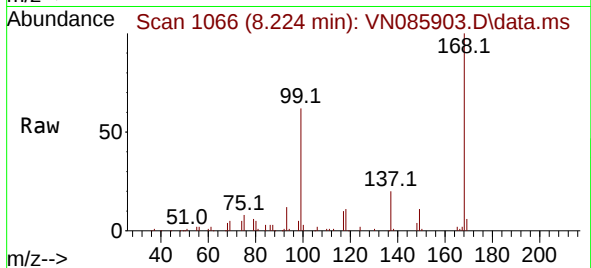




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085903.D
Acq: 06 Mar 2025 17:06

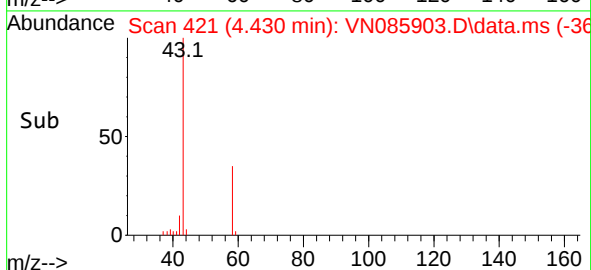
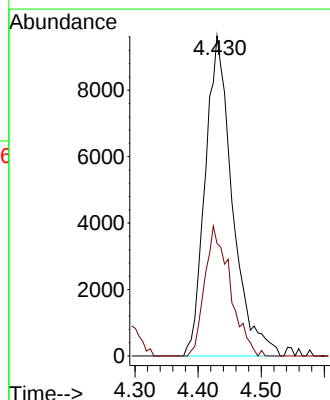
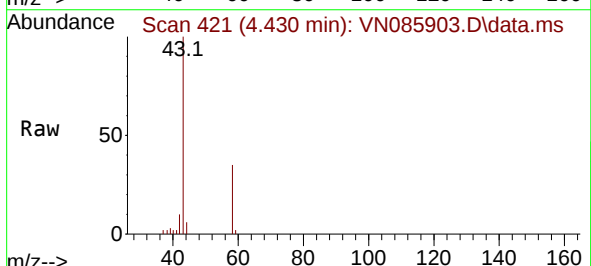
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#05

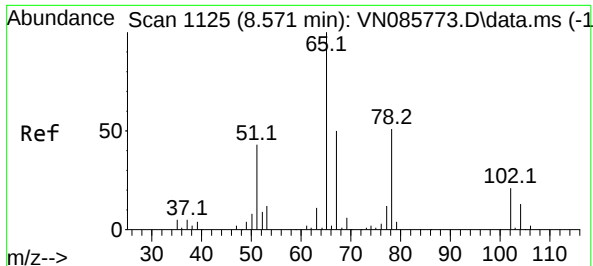
Tgt Ion:168 Resp: 140463
Ion Ratio Lower Upper
168 100
99 61.9 47.9 71.9



#16
Acetone
Concen: 50.105 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085903.D
Acq: 06 Mar 2025 17:06

Tgt Ion: 43 Resp: 28871
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 58.142 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

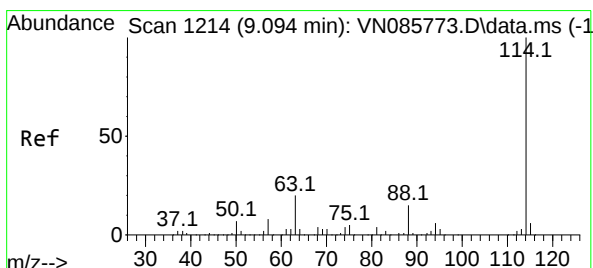
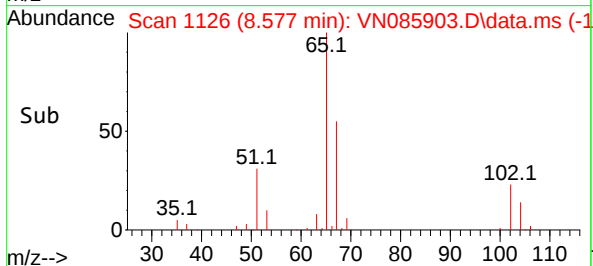
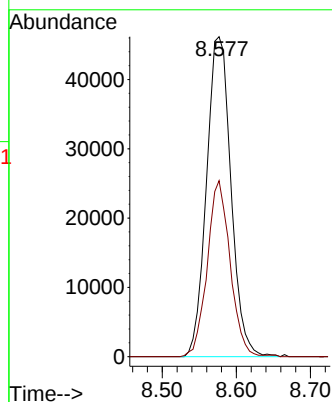
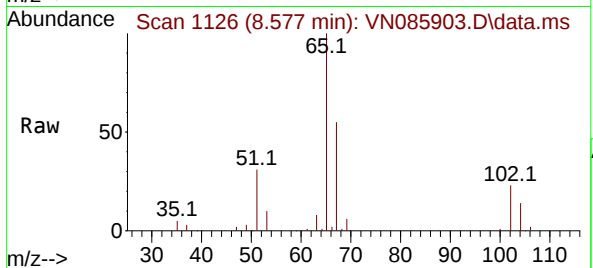
PB166989ZHE#05

Tgt Ion: 65 Resp: 105880

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

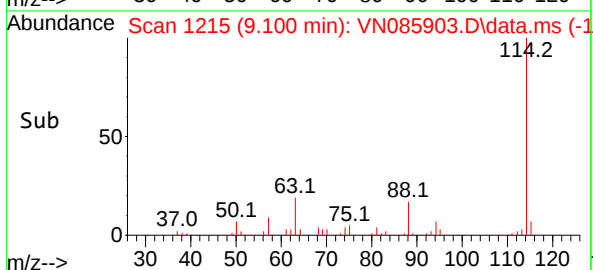
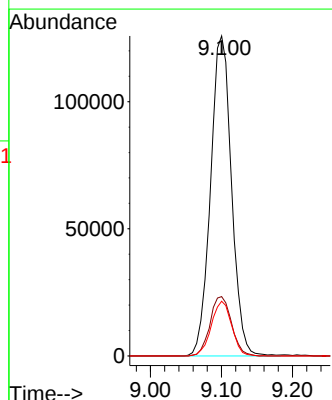
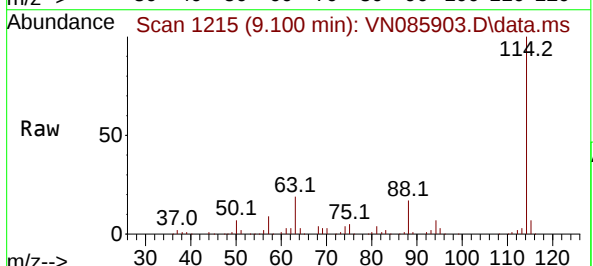
Tgt Ion: 114 Resp: 257681

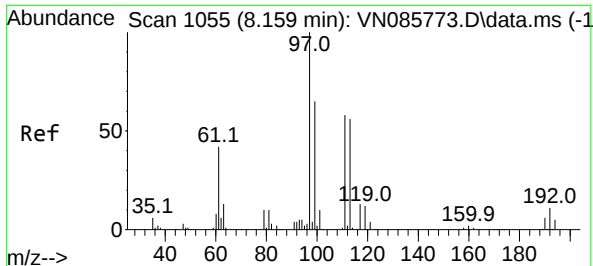
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 17.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.953 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#05

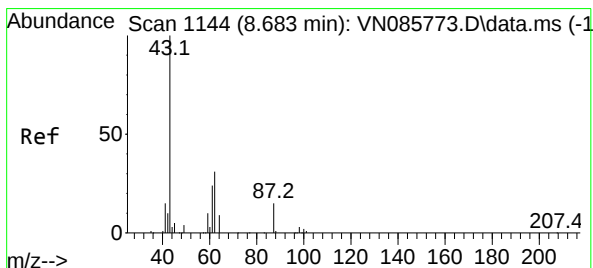
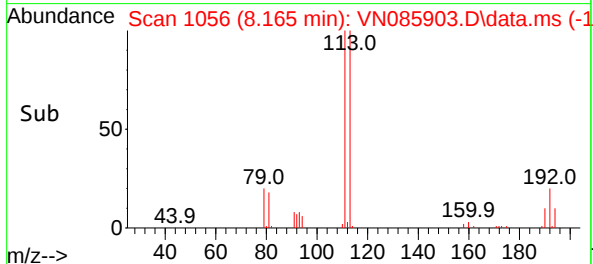
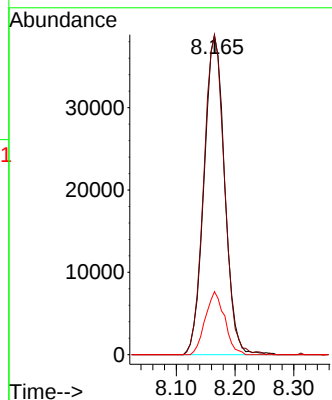
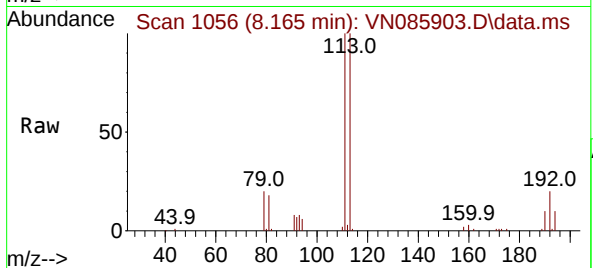
Tgt Ion:113 Resp: 94344

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 18.6 14.7 22.1



#43

Isopropyl Acetate

Concen: 15.188 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

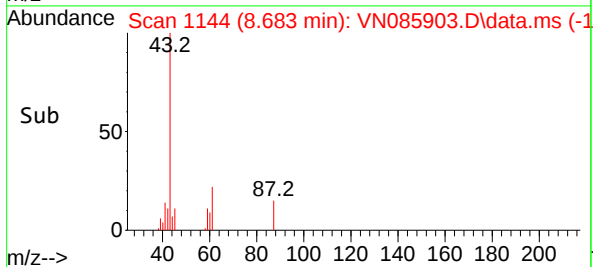
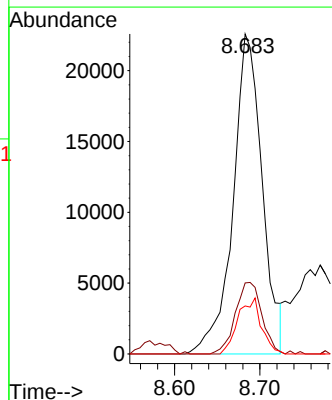
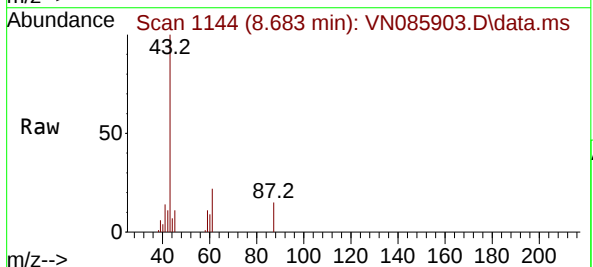
Tgt Ion: 43 Resp: 53655

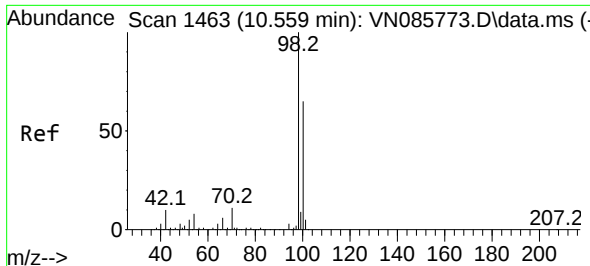
Ion Ratio Lower Upper

43 100

61 20.4 22.6 34.0#

87 14.1 11.8 17.8

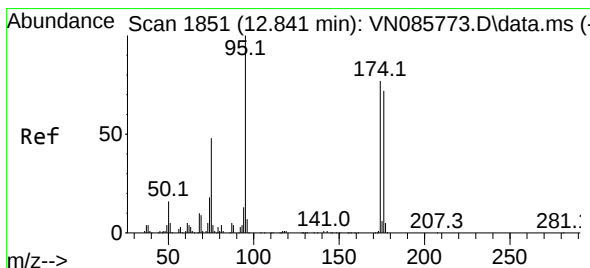
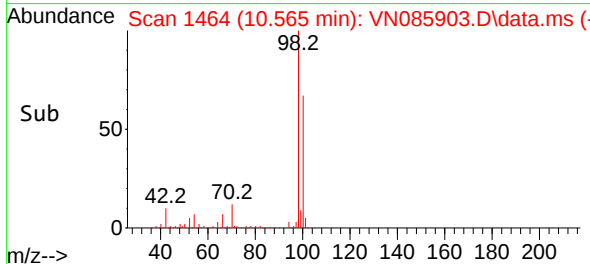
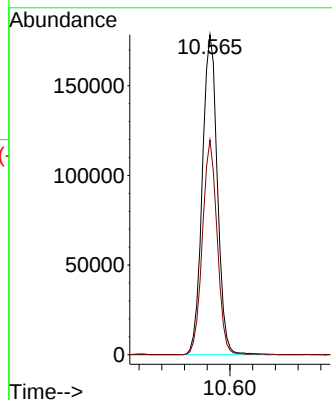
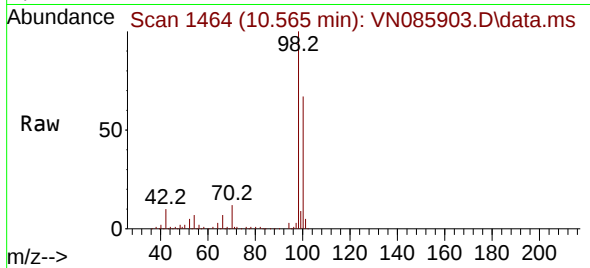




#50
Toluene-d8
Concen: 53.492 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085903.D
Acq: 06 Mar 2025 17:06

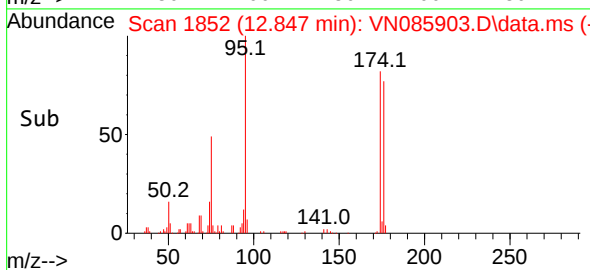
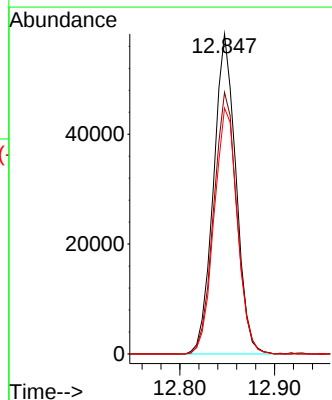
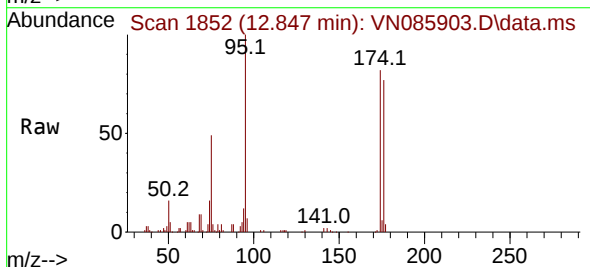
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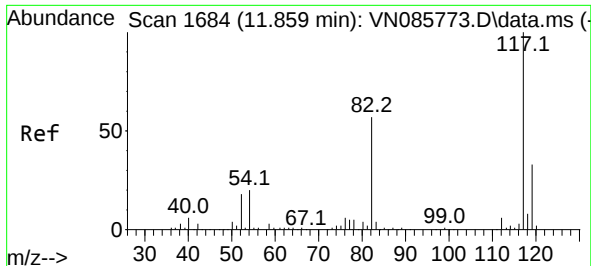
Tgt Ion: 98 Resp: 328155
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085903.D
Acq: 06 Mar 2025 17:06

Tgt Ion: 95 Resp: 95703
Ion Ratio Lower Upper
95 100
174 84.5 0.0 152.4
176 80.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#05

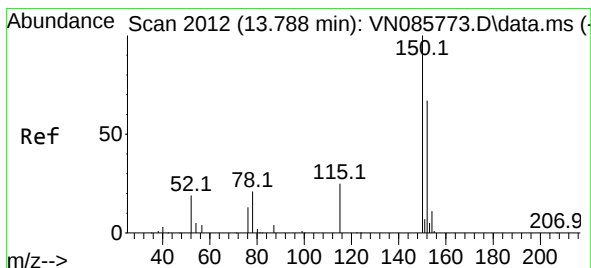
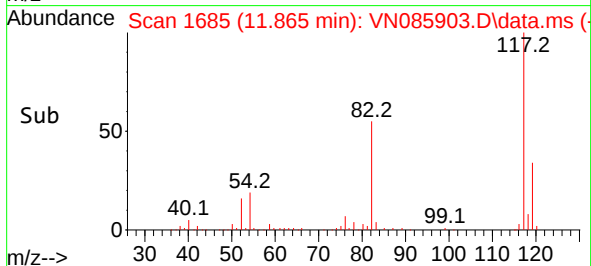
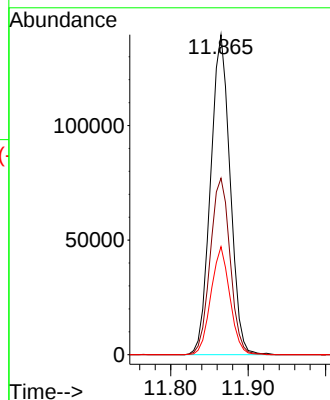
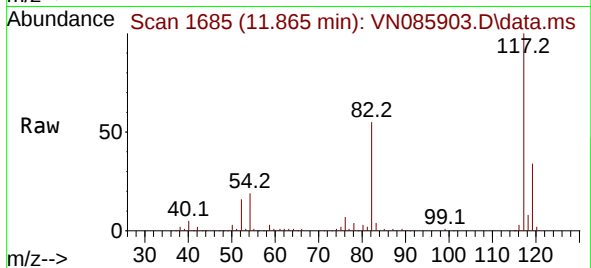
Tgt Ion:117 Resp: 244237

Ion Ratio Lower Upper

117 100

82 55.1 45.7 68.5

119 33.8 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085903.D

Acq: 06 Mar 2025 17:06

Tgt Ion:152 Resp: 89594

Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.3

150 159.5 0.0 345.4

