

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085907.D
 Acq On : 06 Mar 2025 18:43
 Operator : JC\MD
 Sample : PB166989ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#09

Quant Time: Mar 07 00:43:36 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)

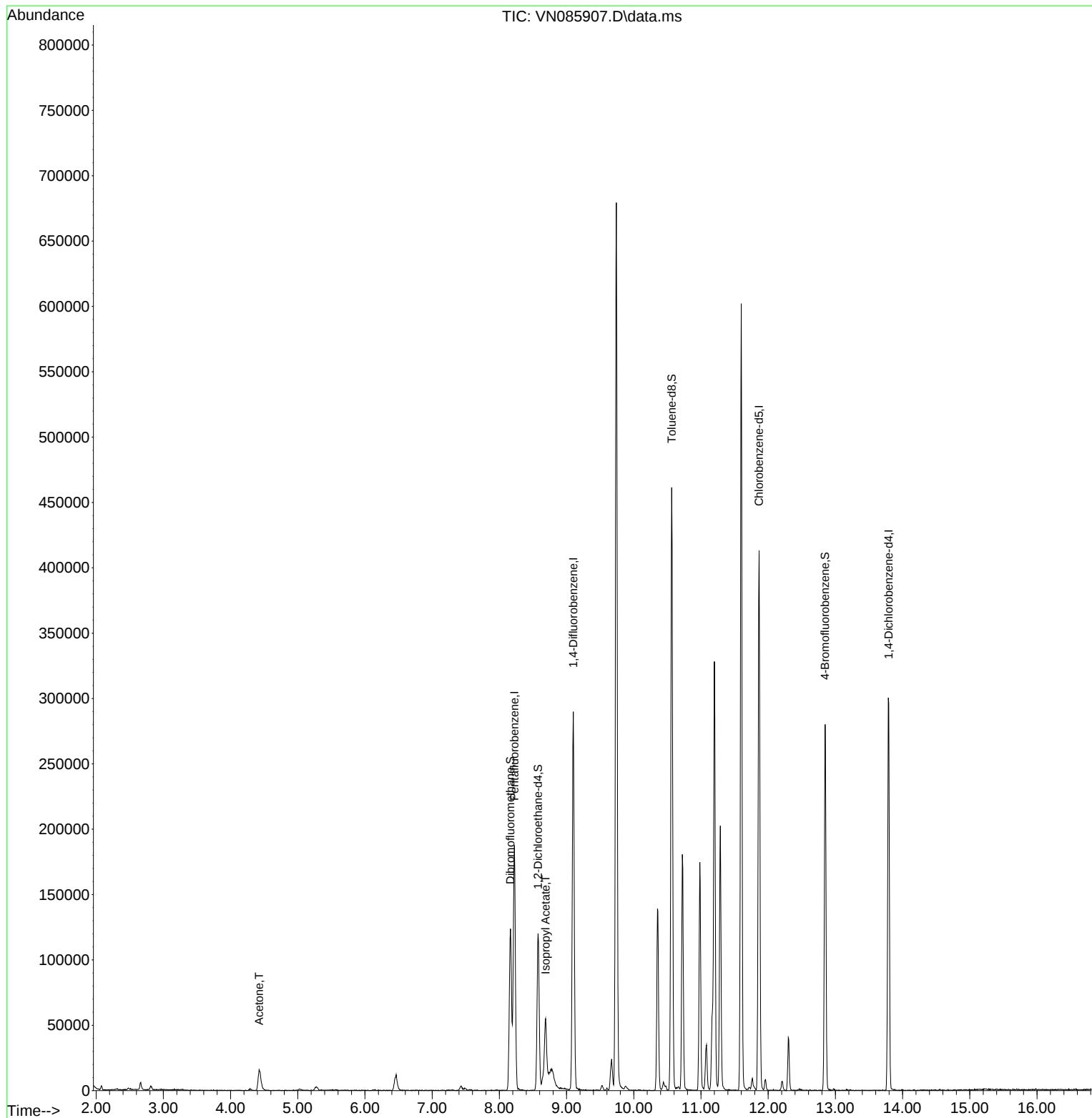
Internal Standards						
1) Pentafluorobenzene	8.224	168	135383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104595	59.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.180%			
35) Dibromofluoromethane	8.165	113	88674	54.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.140%			
50) Toluene-d8	10.565	98	328665	55.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.160%			
62) 4-Bromofluorobenzene	12.847	95	96944	49.313	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.620%			
Target Compounds						
16) Acetone	4.424	43	29532	53.175	ug/l	89
43) Isopropyl Acetate	8.688	43	62839m	18.401	ug/l	

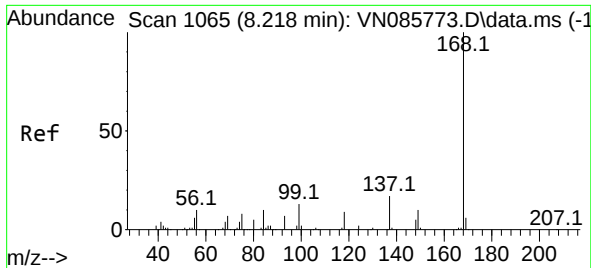
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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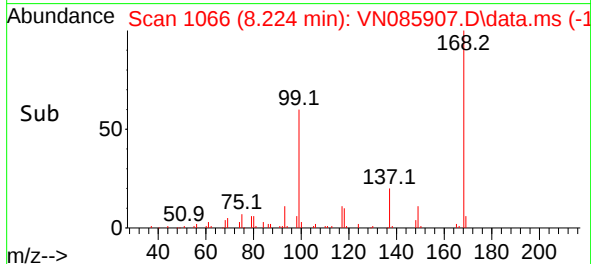
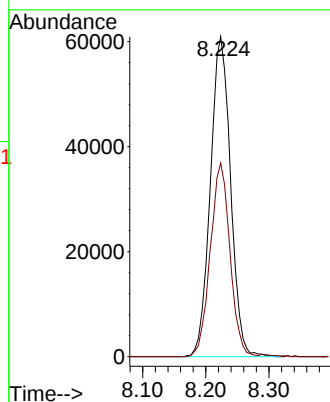
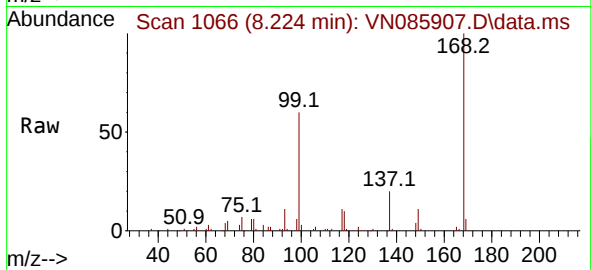




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

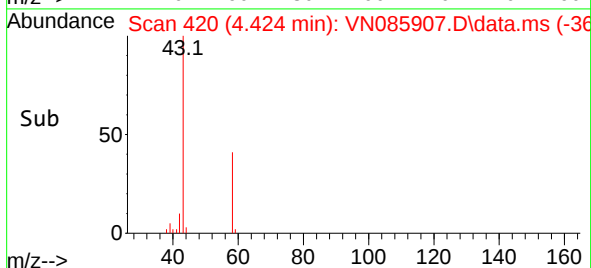
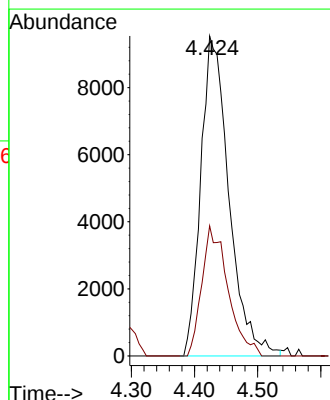
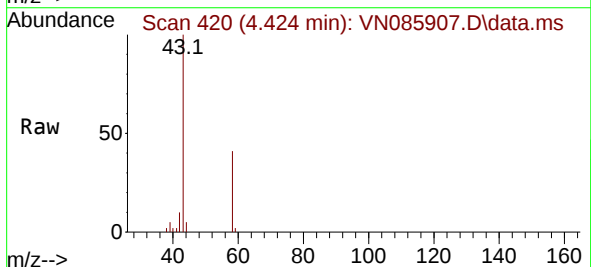
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#09

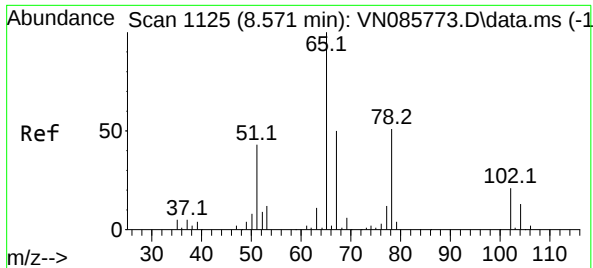
Tgt Ion:168 Resp: 135383
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 53.175 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

Tgt Ion: 43 Resp: 29532
Ion Ratio Lower Upper
43 100
58 40.7 27.5 41.3

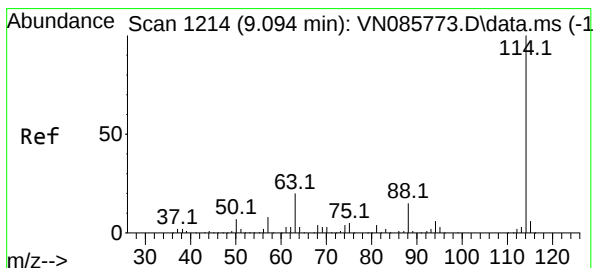
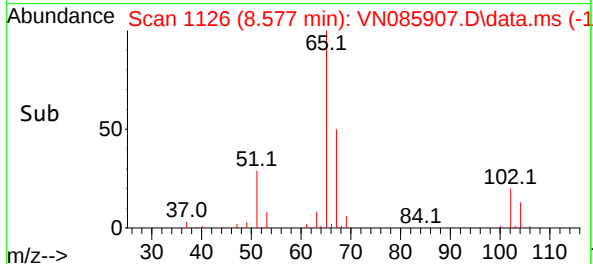
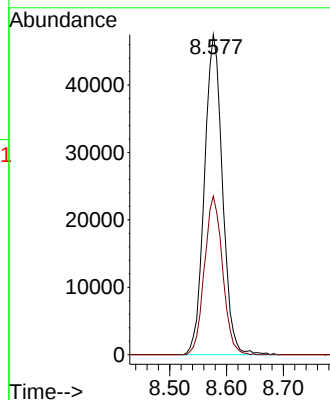
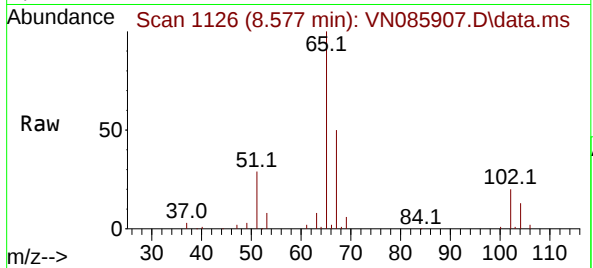




#33
 1,2-Dichloroethane-d4
 Concen: 59.592 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085907.D
 Acq: 06 Mar 2025 18:43

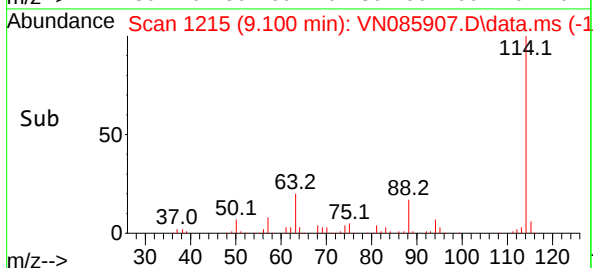
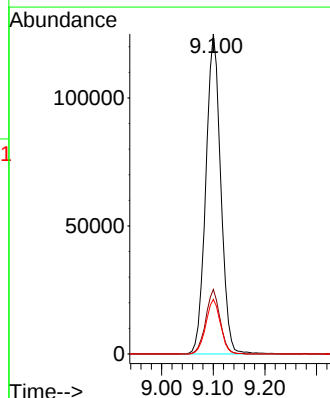
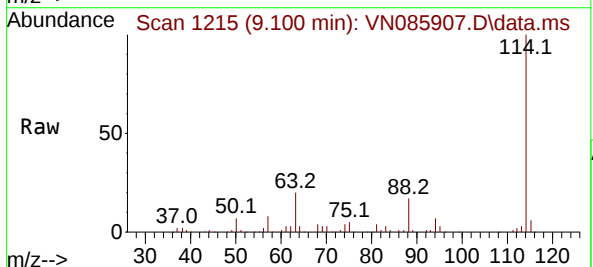
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#09

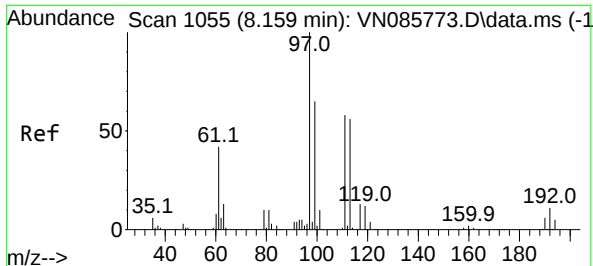
Tgt Ion: 65 Resp: 104595
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085907.D
 Acq: 06 Mar 2025 18:43

Tgt Ion: 114 Resp: 250623
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 17.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.071 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085907.D

Acq: 06 Mar 2025 18:43

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#09

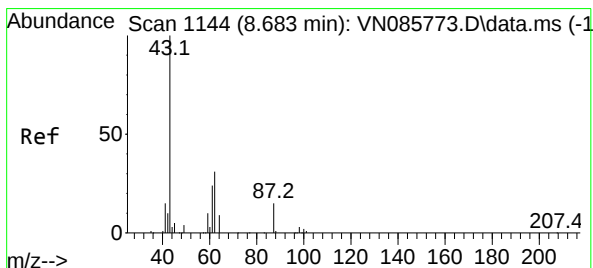
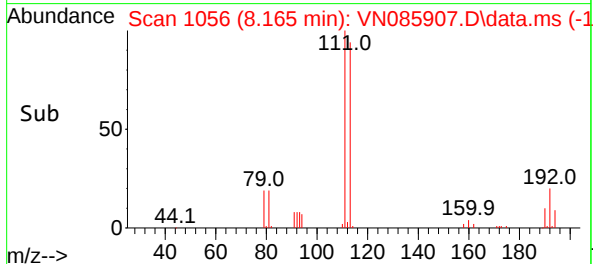
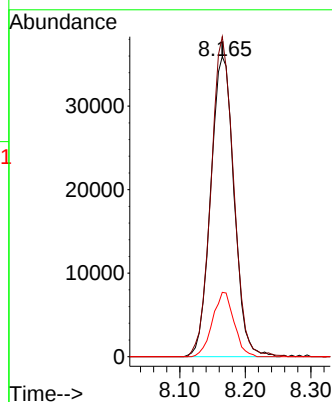
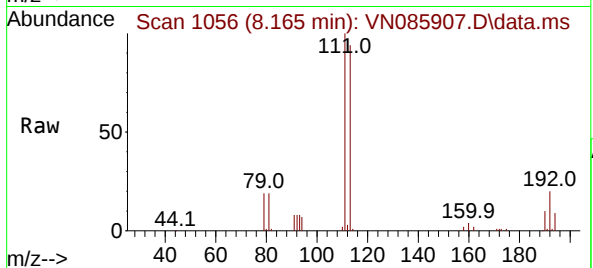
Tgt Ion:113 Resp: 88674

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 19.7 14.7 22.1



#43

Isopropyl Acetate

Concen: 18.401 ug/l m

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085907.D

Acq: 06 Mar 2025 18:43

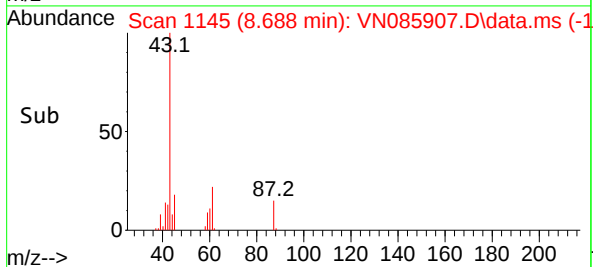
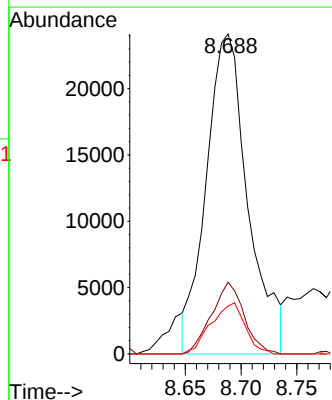
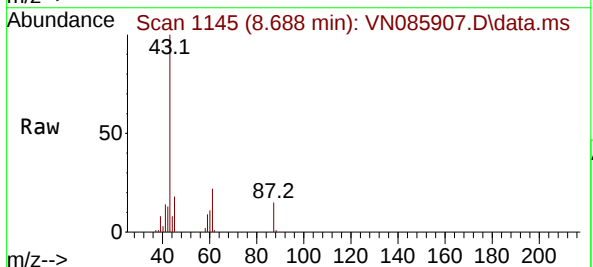
Tgt Ion: 43 Resp: 62839

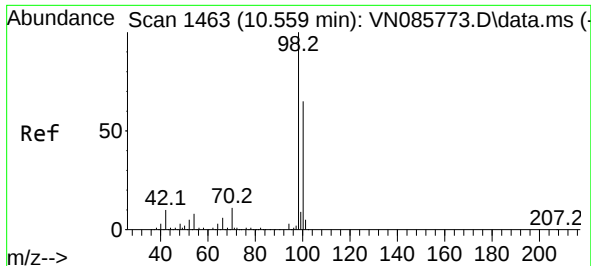
Ion Ratio Lower Upper

43 100

61 17.5 22.6 34.0#

87 13.0 11.8 17.8

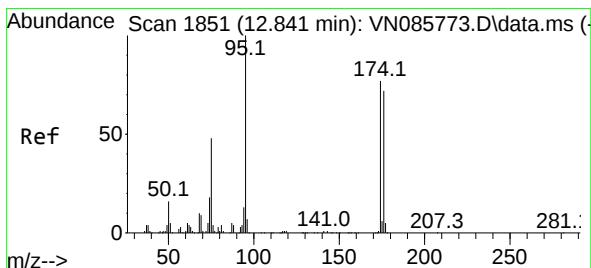
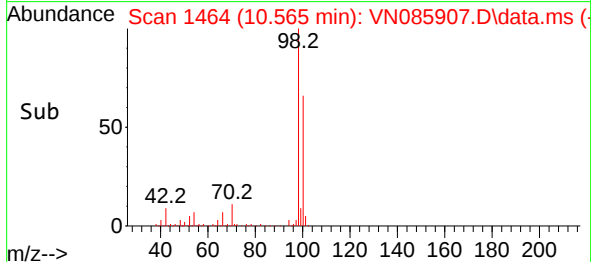
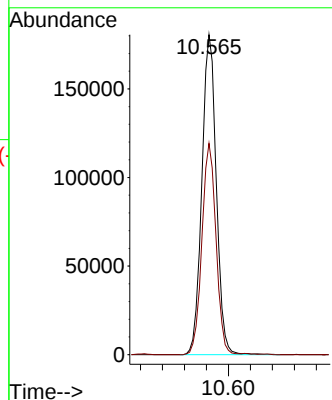
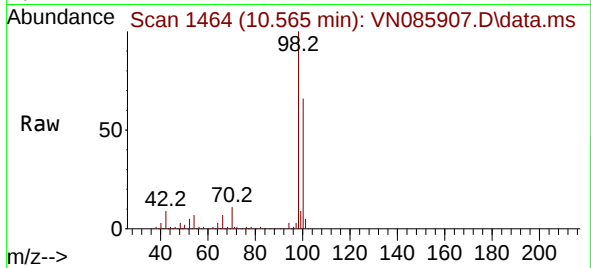




#50
Toluene-d8
Concen: 55.084 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

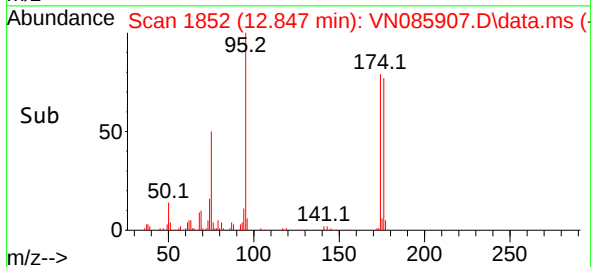
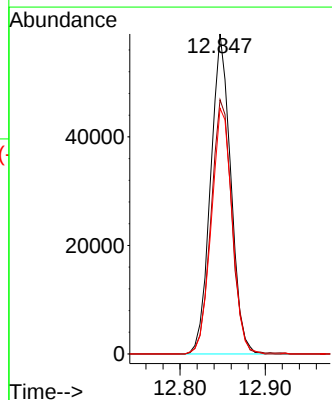
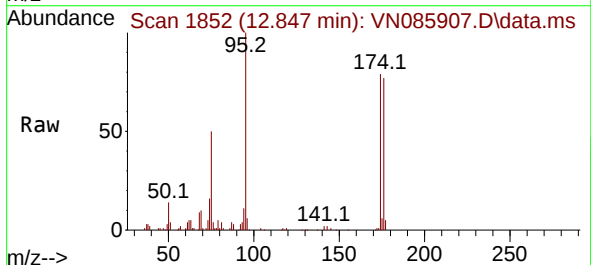
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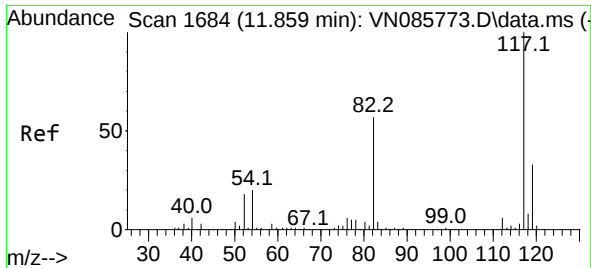
Tgt Ion: 98 Resp: 328665
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

Tgt Ion: 95 Resp: 96944
Ion Ratio Lower Upper
95 100
174 82.0 0.0 152.4
176 79.2 0.0 146.6

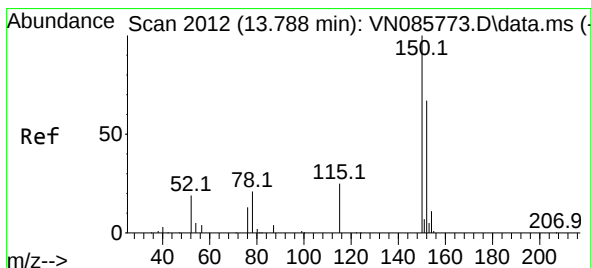
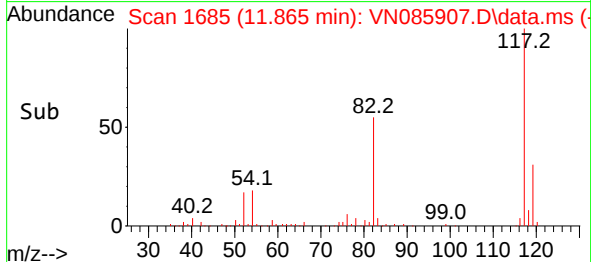
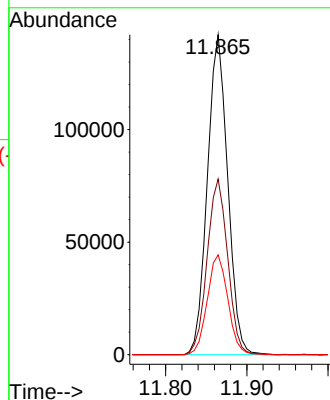
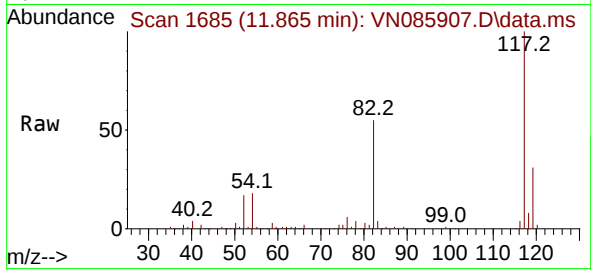




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#09

Tgt Ion:117 Resp: 247171
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085907.D
Acq: 06 Mar 2025 18:43

Tgt Ion:152 Resp: 89120
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.3
150 157.6 0.0 345.4

