

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085908.D
 Acq On : 06 Mar 2025 19:07
 Operator : JC\MD
 Sample : PB166989ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#10

Quant Time: Mar 07 00:44:07 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)

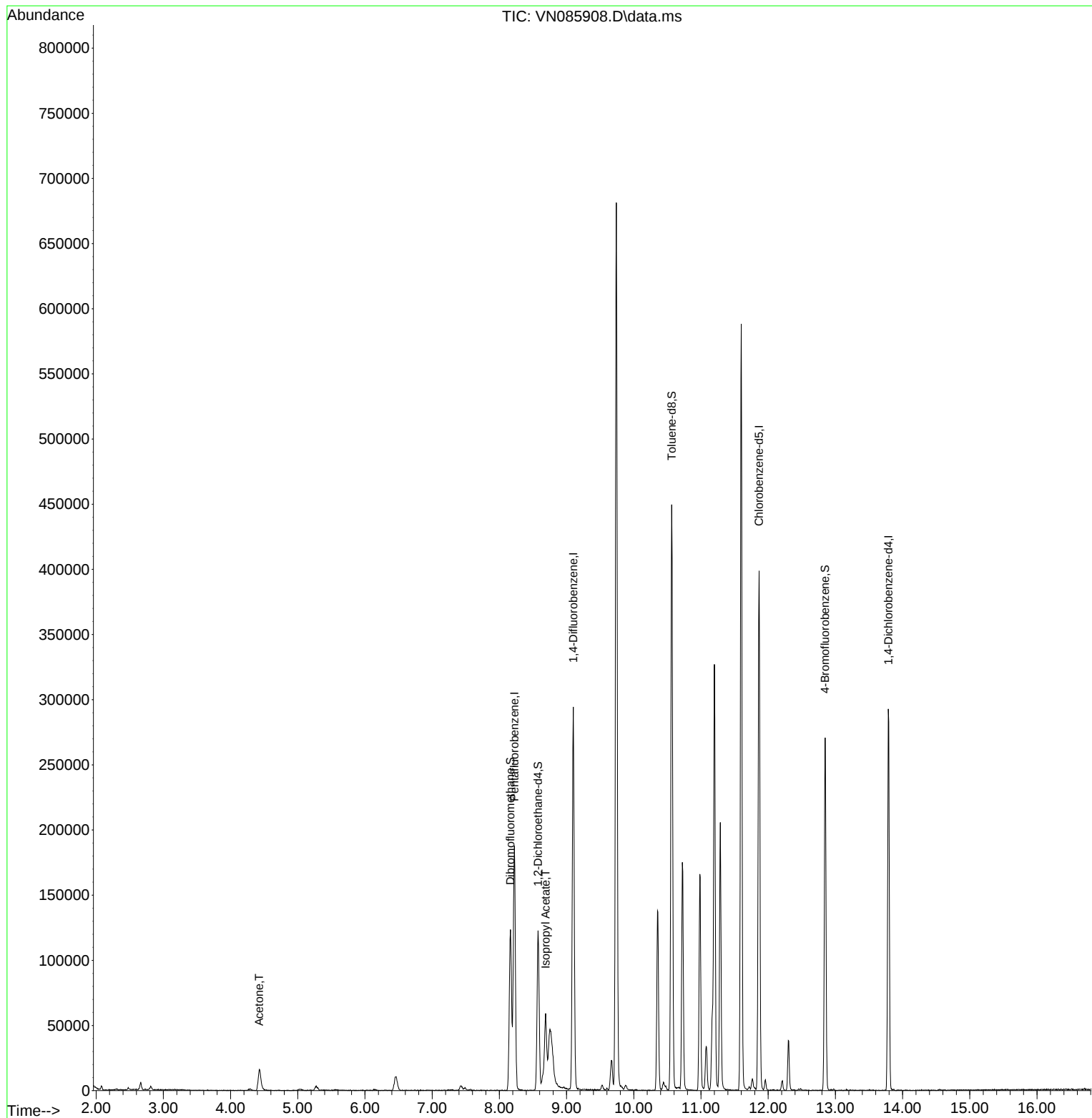
Internal Standards						
1) Pentafluorobenzene	8.224	168	134004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104429	60.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.220%	
35) Dibromofluoromethane	8.165	113	88976	53.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.400%	
50) Toluene-d8	10.565	98	324638	53.850	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.847	95	95735	48.199	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.400%	
Target Compounds						
16) Acetone	4.424	43	29499	53.662	ug/l	93
43) Isopropyl Acetate	8.688	43	64833m	18.802	ug/l	

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

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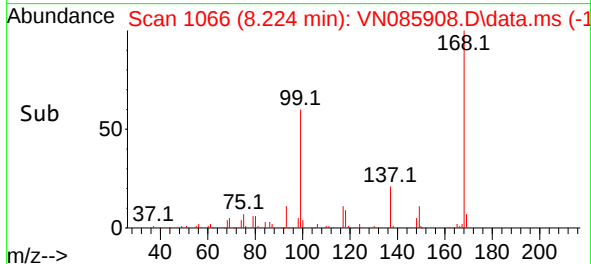
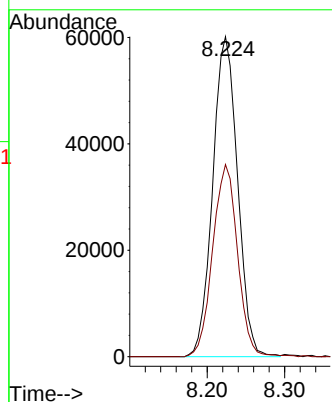
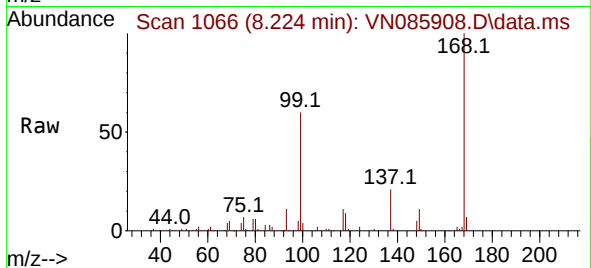




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085908.D
Acq: 06 Mar 2025 19:07

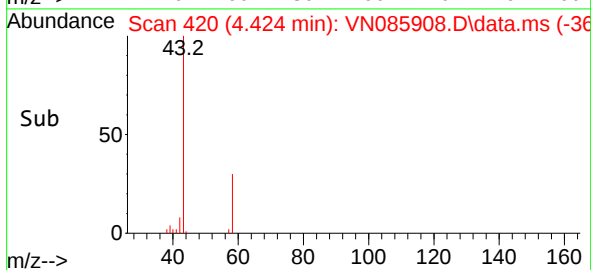
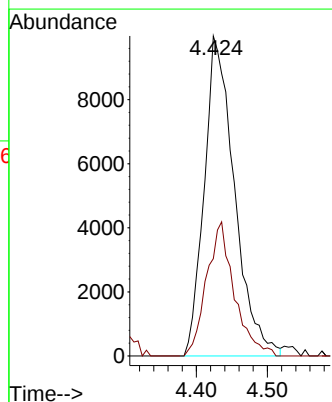
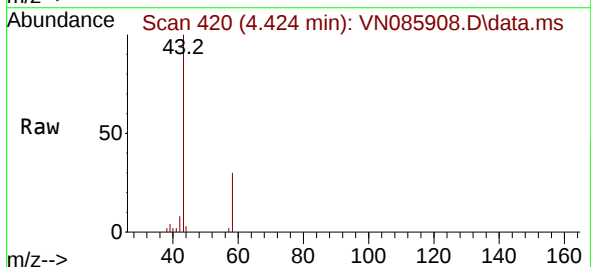
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#10

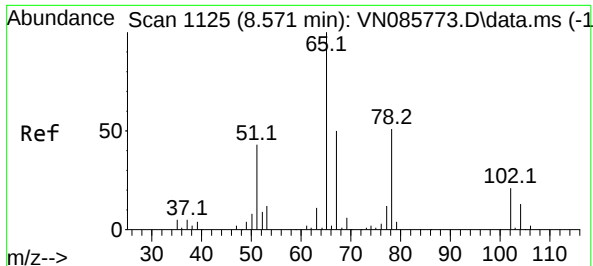
Tgt Ion:168 Resp: 134004
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#16
Acetone
Concen: 53.662 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085908.D
Acq: 06 Mar 2025 19:07

Tgt Ion: 43 Resp: 29499
Ion Ratio Lower Upper
43 100
58 30.4 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 60.109 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085908.D

Acq: 06 Mar 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

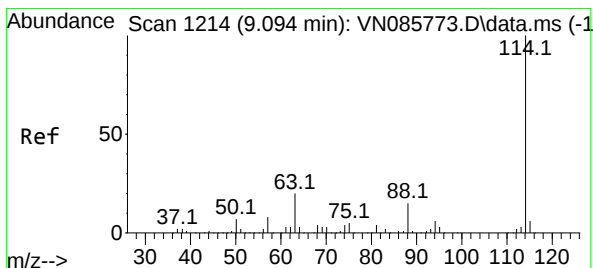
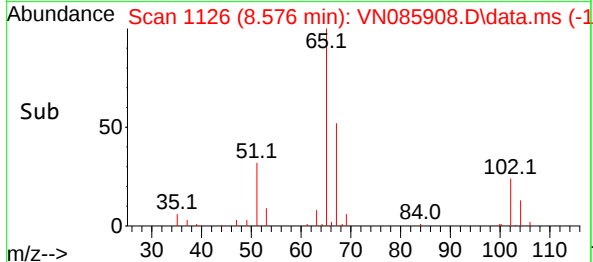
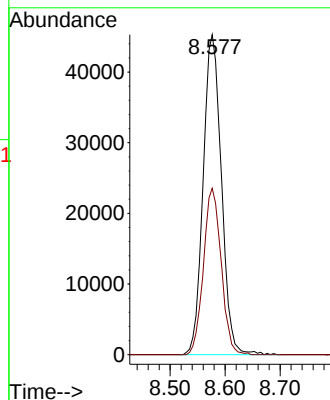
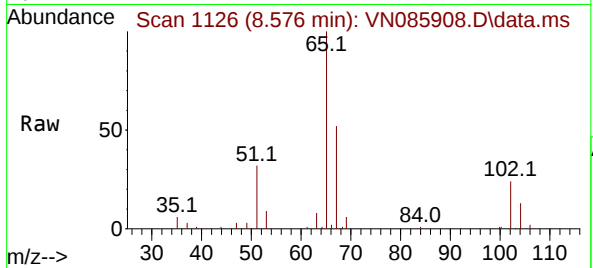
PB166989ZHE#10

Tgt Ion: 65 Resp: 104429

Ion Ratio Lower Upper

65 100

67 50.4 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: VN085908.D

Acq: 06 Mar 2025 19:07

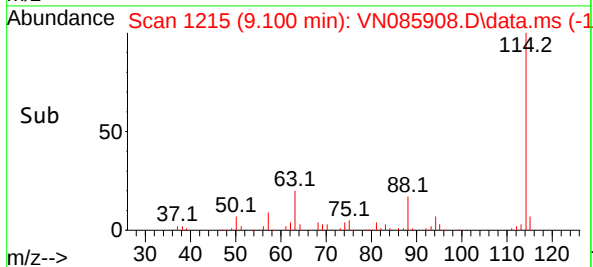
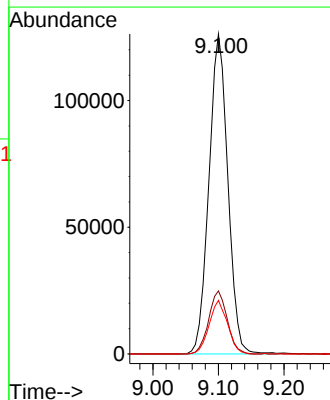
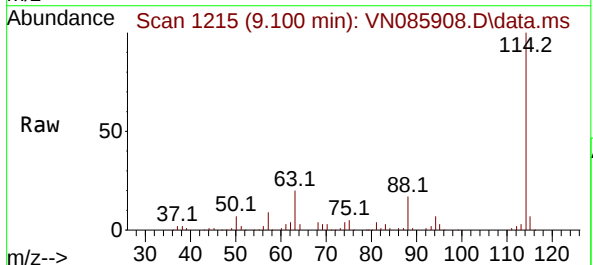
Tgt Ion: 114 Resp: 253221

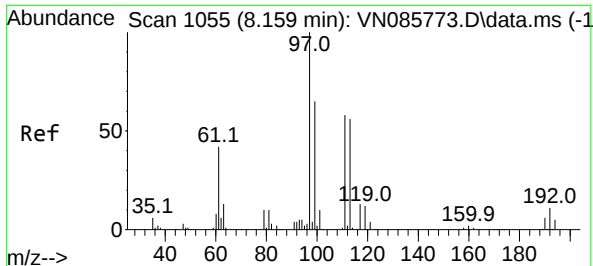
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.698 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085908.D

Acq: 06 Mar 2025 19:07

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#10

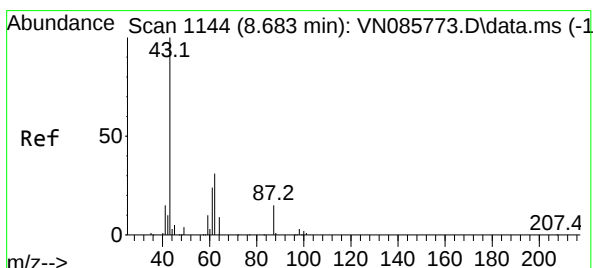
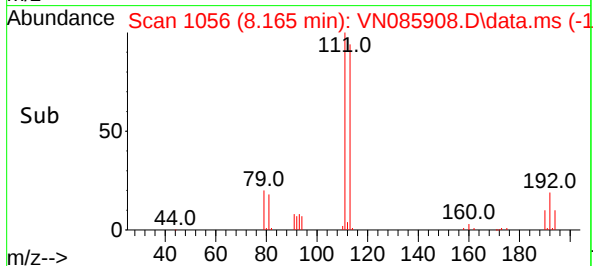
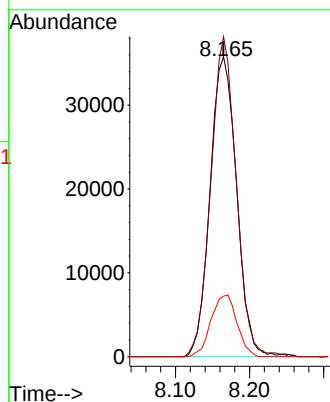
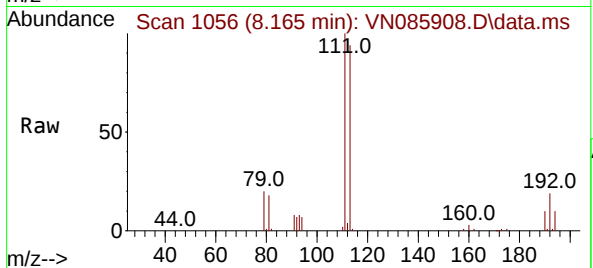
Tgt Ion:113 Resp: 88976

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 20.0 14.7 22.1



#43

Isopropyl Acetate

Concen: 18.802 ug/l m

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085908.D

Acq: 06 Mar 2025 19:07

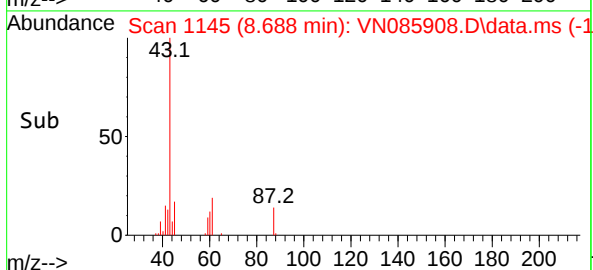
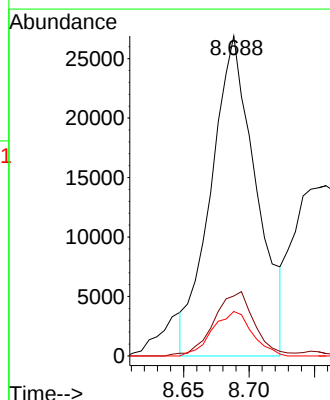
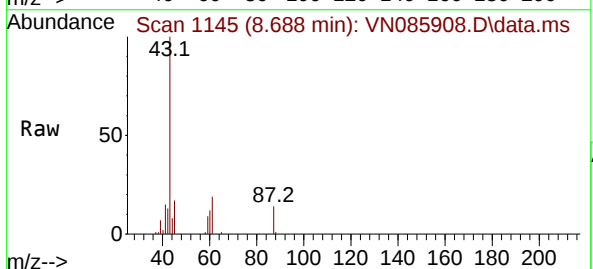
Tgt Ion: 43 Resp: 64833

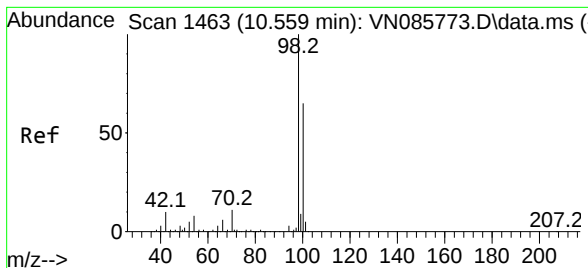
Ion Ratio Lower Upper

43 100

61 17.9 22.6 34.0#

87 12.1 11.8 17.8

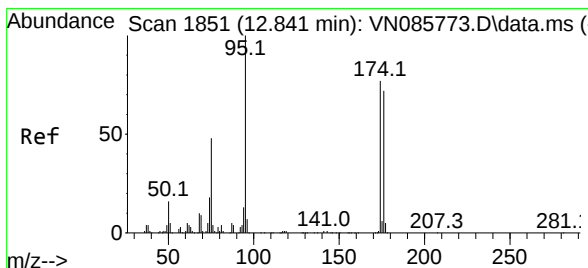
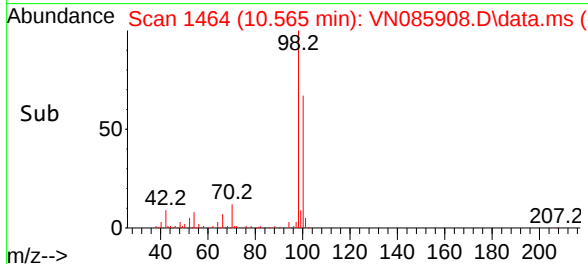
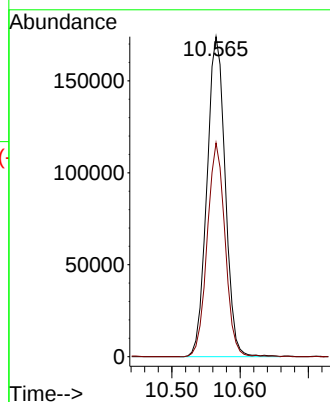
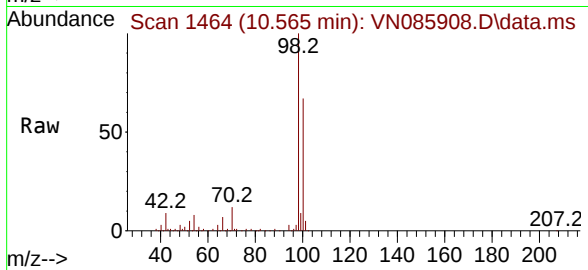




#50
Toluene-d8
Concen: 53.850 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085908.D
Acq: 06 Mar 2025 19:07

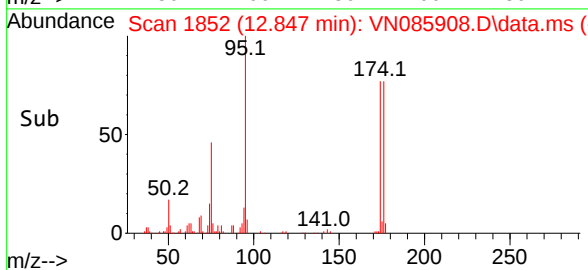
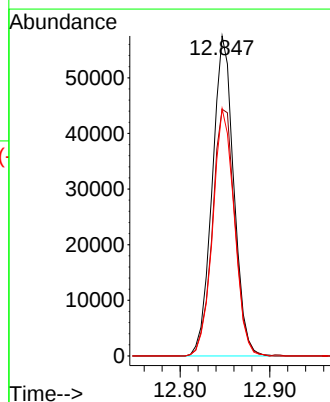
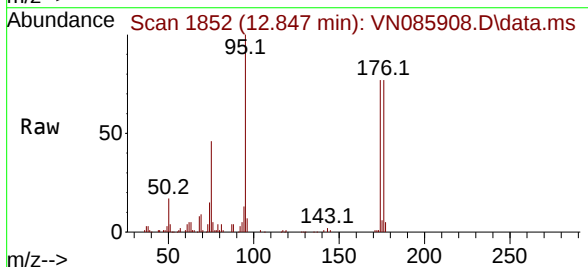
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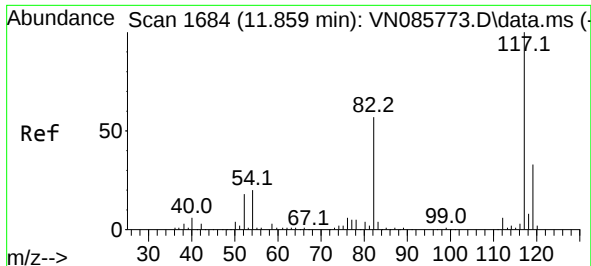
Tgt Ion: 98 Resp: 324638
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085908.D
Acq: 06 Mar 2025 19:07

Tgt Ion: 95 Resp: 95735
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.4
176 77.3 0.0 146.6

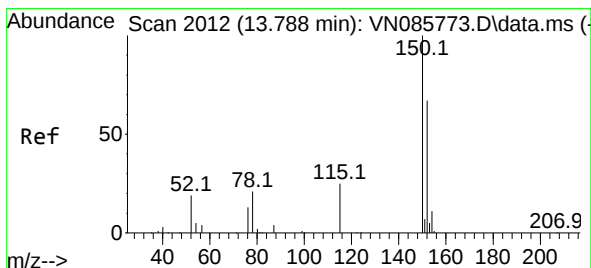
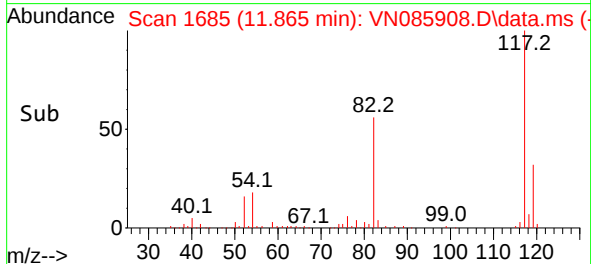
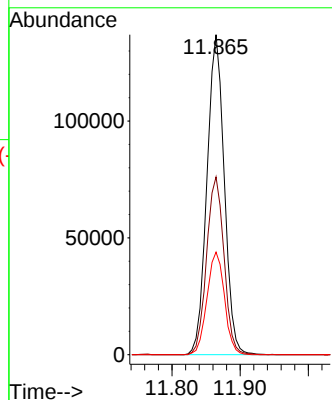
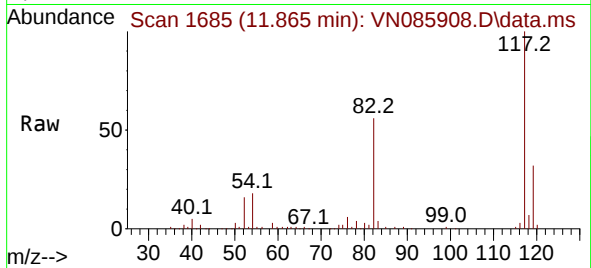




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085908.D
Acq: 06 Mar 2025 19:07

Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#10

Tgt Ion:117 Resp: 242067
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 32.1 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: VN085908.D
Acq: 06 Mar 2025 19:07

Tgt Ion:152 Resp: 85535
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 157.3 0.0 345.4

