

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086339.D
 Acq On : 18 Apr 2025 13:19
 Operator : JC\MD
 Sample : PB167623ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#04

Quant Time: Apr 19 02:23:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

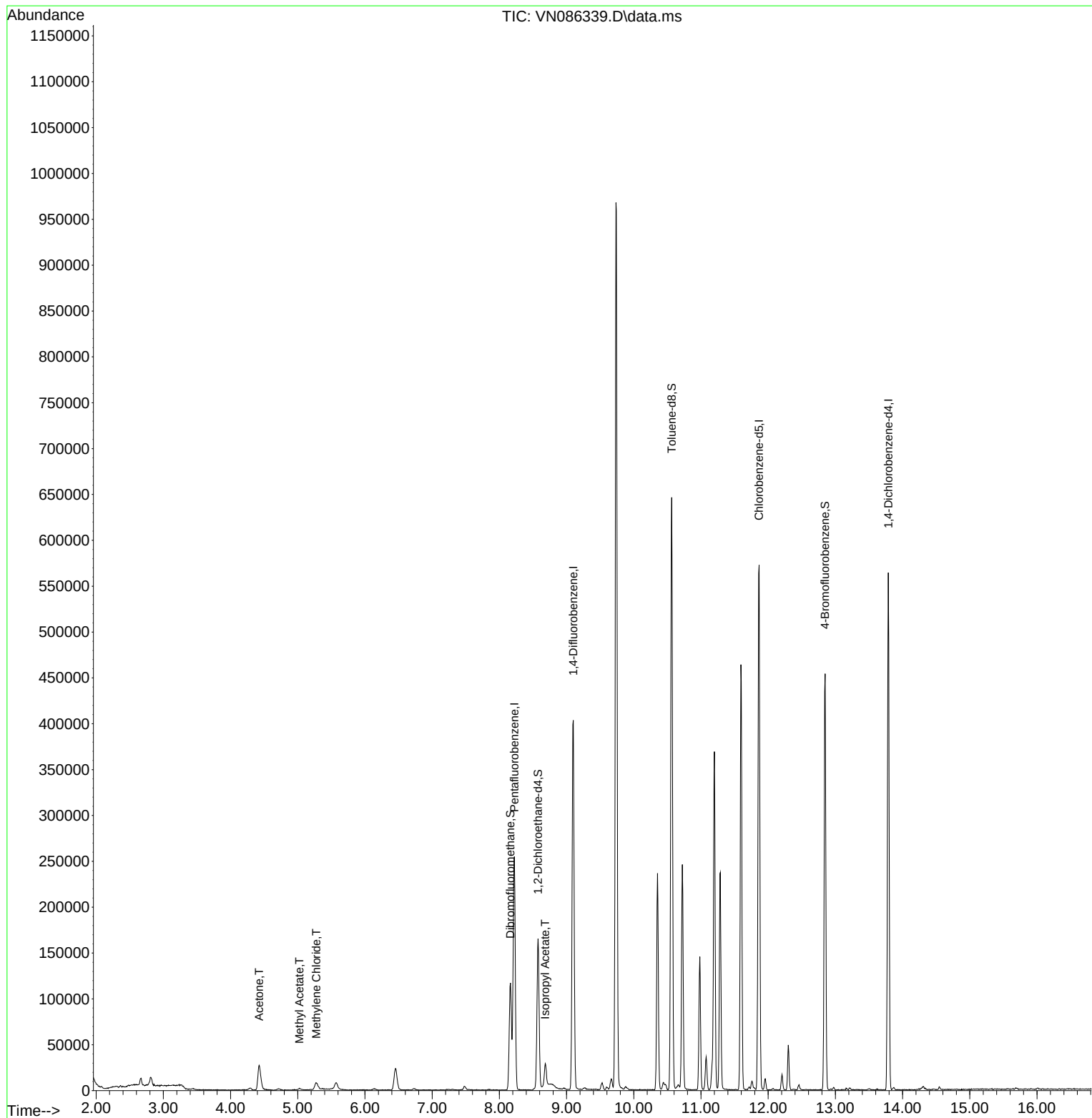
Internal Standards						
1) Pentafluorobenzene	8.224	168	187573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135998	50.000	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.000%	
35) Dibromofluoromethane	8.165	113	86673	51.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.160%	
50) Toluene-d8	10.565	98	458987	51.104	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.847	95	169559	51.759	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	53734	52.634	ug/l	99
18) Methyl Acetate	5.024	43	3877	1.187	ug/l #	80
20) Methylene Chloride	5.277	84	6329	2.517	ug/l #	83
43) Isopropyl Acetate	8.683	43	39011	4.365	ug/l #	84

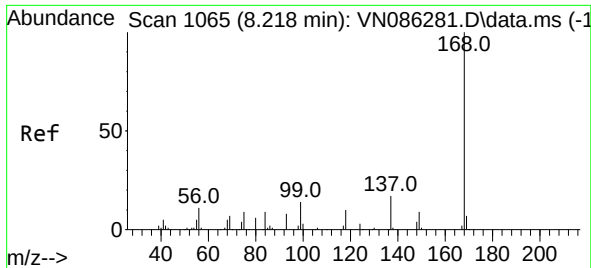
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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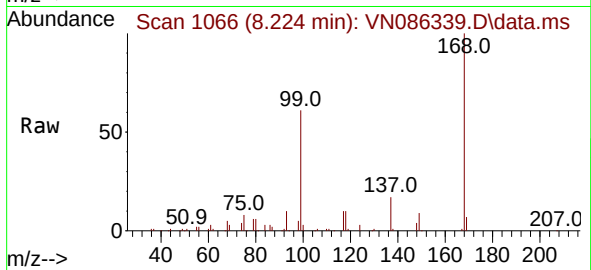
Quant Time: Apr 19 02:23:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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Response via : Initial Calibration



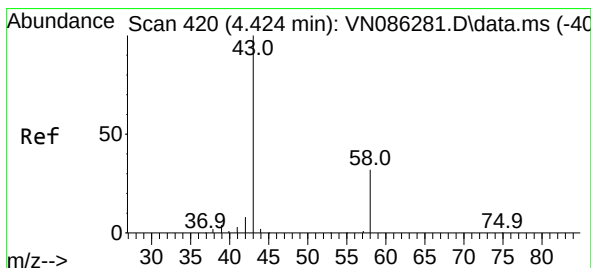
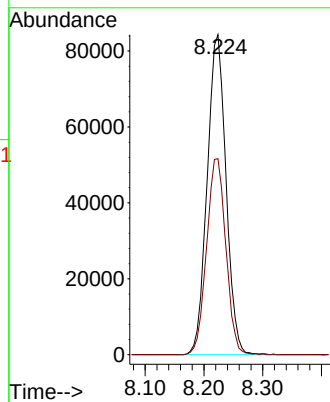
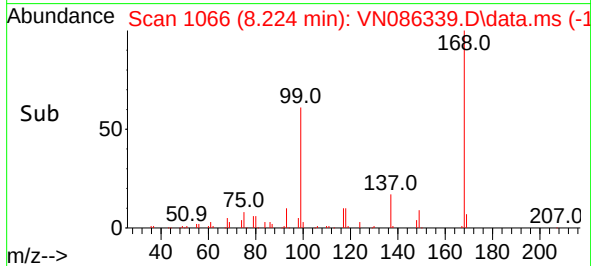


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#04

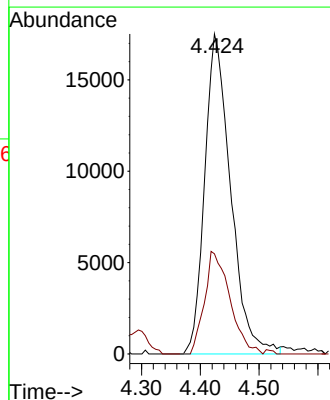
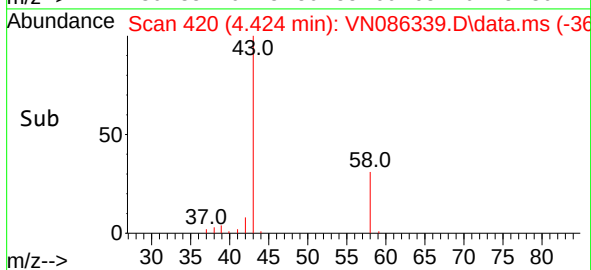
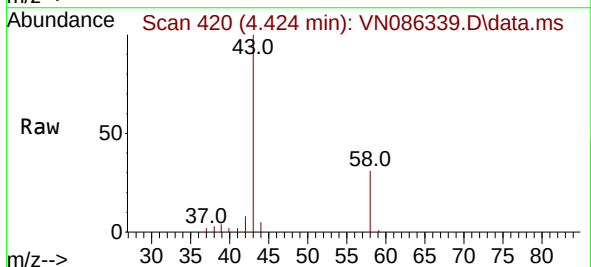


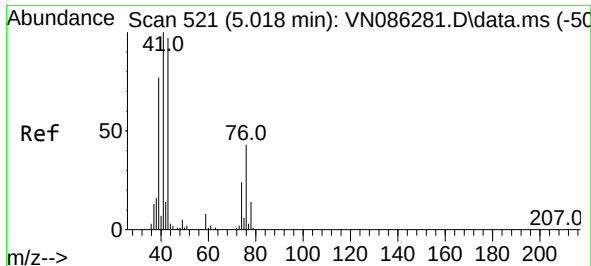
Tgt Ion:168 Resp: 187573
Ion Ratio Lower Upper
168 100
99 61.2 52.5 78.7



#16
Acetone
Concen: 52.634 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Tgt Ion: 43 Resp: 53734
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9

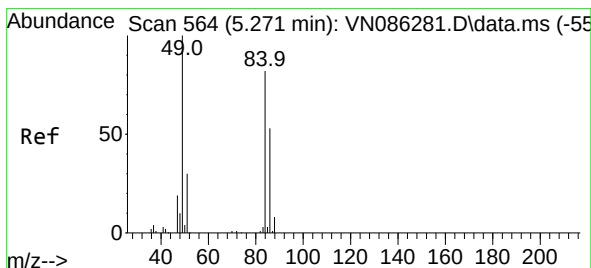
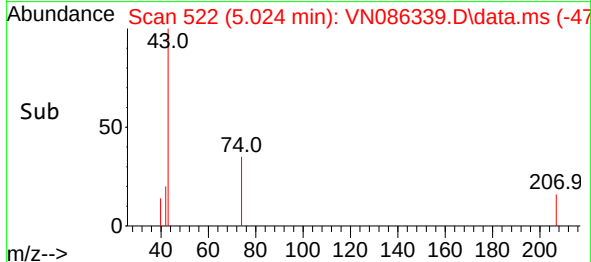
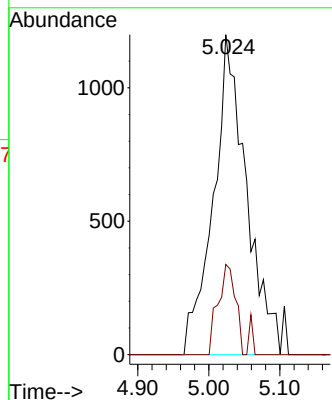
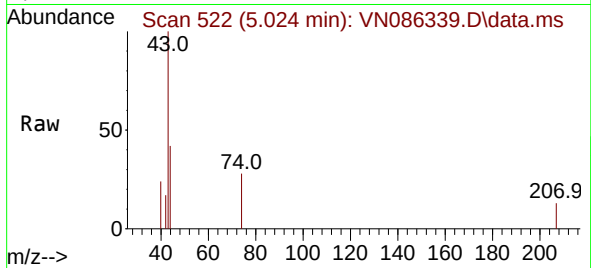




#18
Methyl Acetate
Concen: 1.187 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

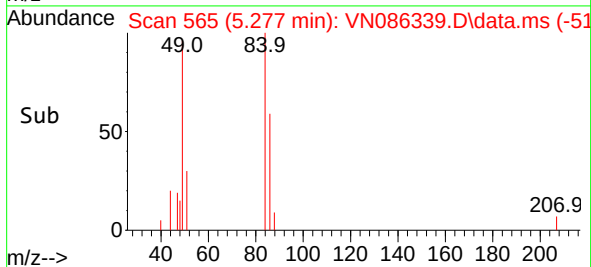
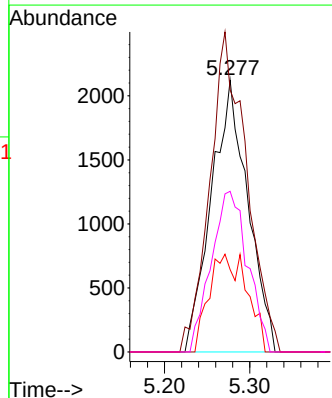
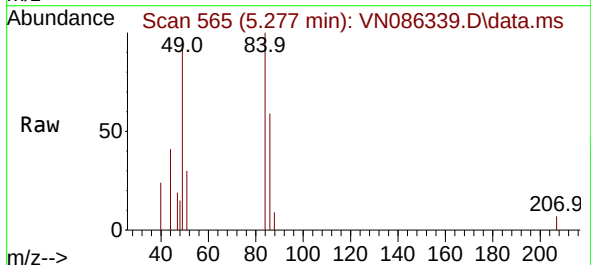
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#04

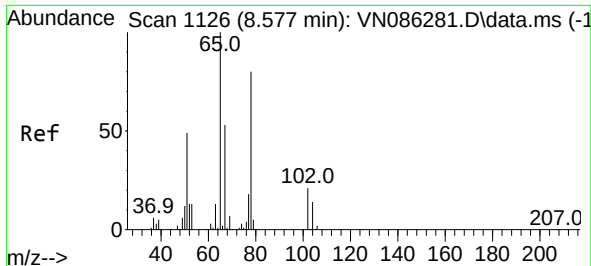
Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
74 14.9 19.8 29.6#



#20
Methylene Chloride
Concen: 2.517 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Tgt Ion: 84 Resp: 6329
Ion Ratio Lower Upper
84 100
49 96.4 98.2 147.2#
51 30.3 29.8 44.6
86 59.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.000 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086339.D

Acq: 18 Apr 2025 13:19

Instrument :

MSVOA_N

ClientSampleId :

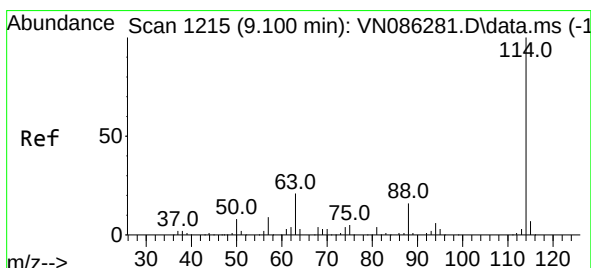
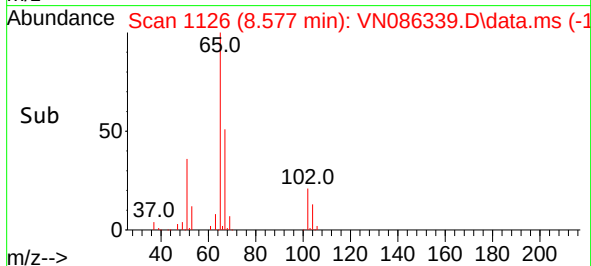
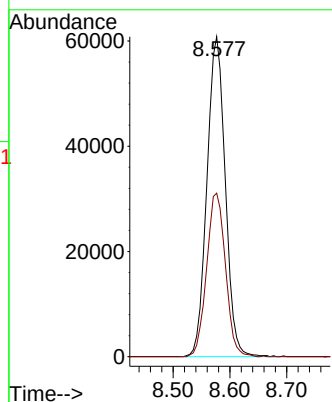
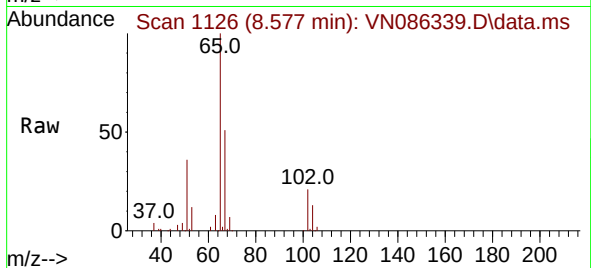
PB167623ZHE#04

Tgt Ion: 65 Resp: 135998

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086339.D

Acq: 18 Apr 2025 13:19

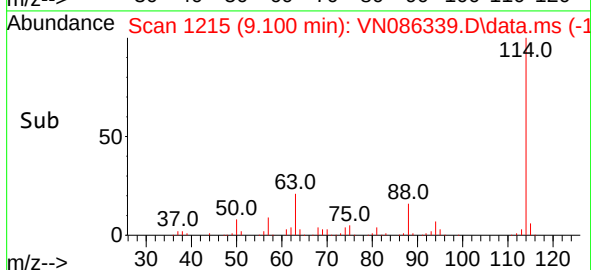
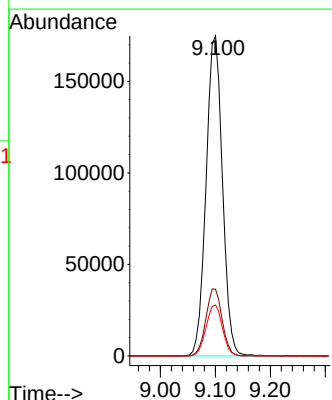
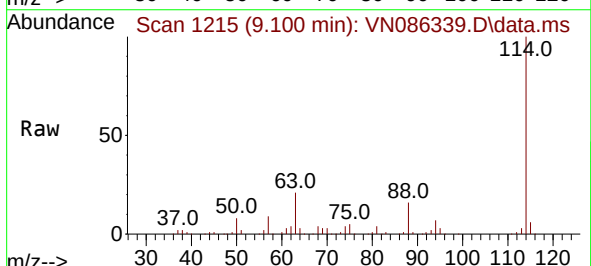
Tgt Ion: 114 Resp: 362092

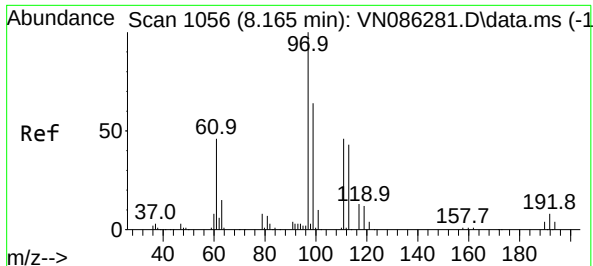
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.575 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN086339.D

Acq: 18 Apr 2025 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#04

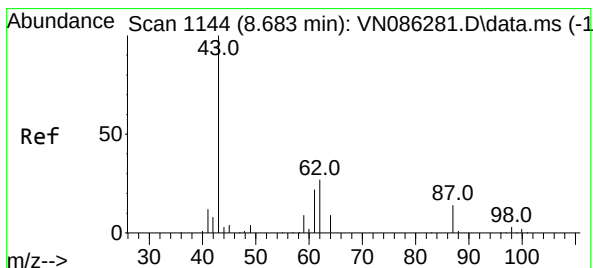
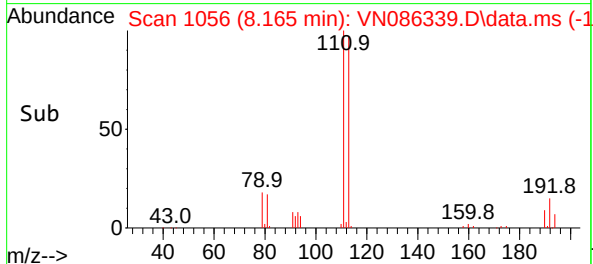
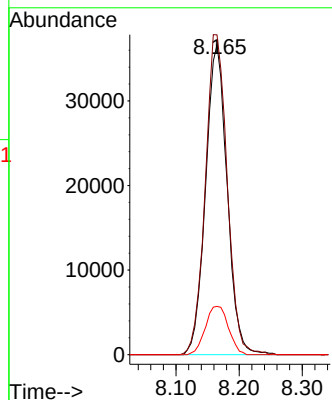
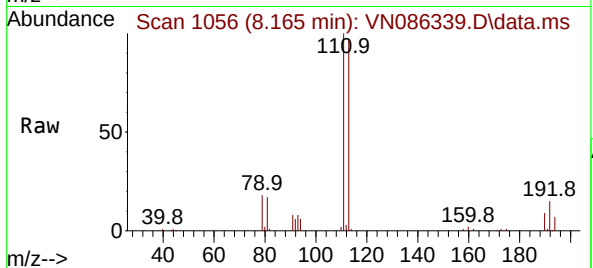
Tgt Ion:113 Resp: 86673

Ion Ratio Lower Upper

113 100

111 105.4 83.4 125.0

192 16.7 13.7 20.5



#43

Isopropyl Acetate

Concen: 4.365 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086339.D

Acq: 18 Apr 2025 13:19

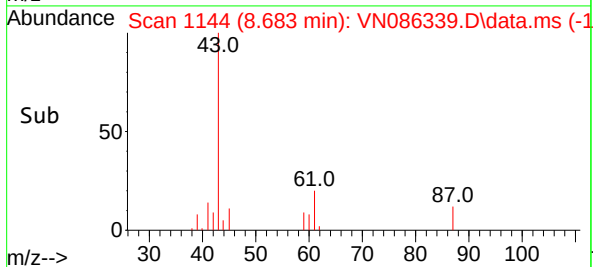
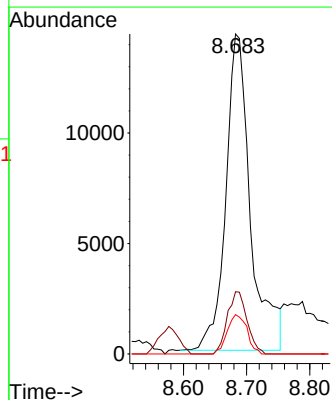
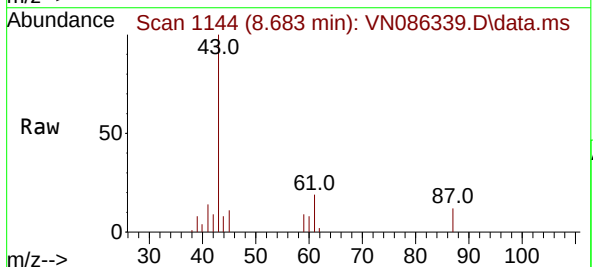
Tgt Ion: 43 Resp: 39011

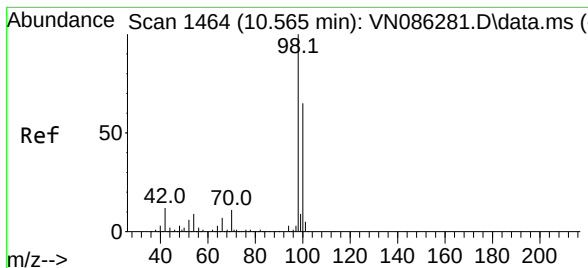
Ion Ratio Lower Upper

43 100

61 15.7 20.5 30.7#

87 9.9 10.5 15.7#

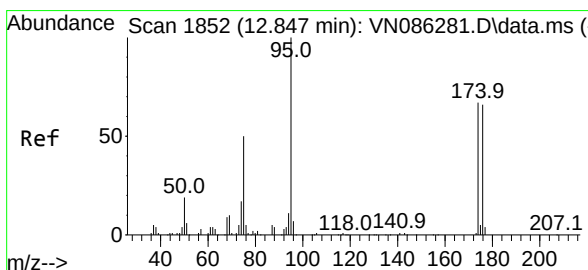
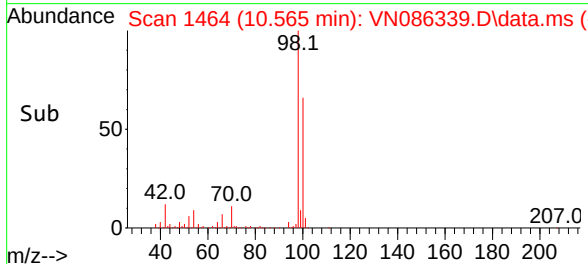
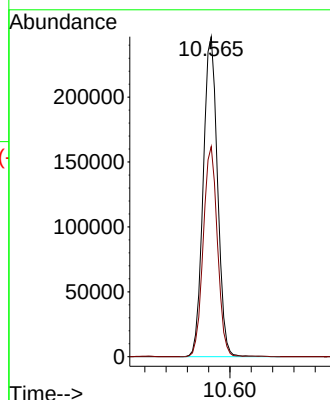
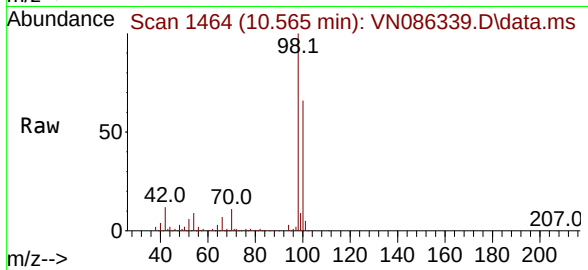




#50
Toluene-d8
Concen: 51.104 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

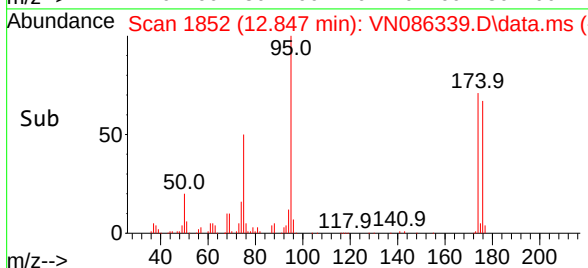
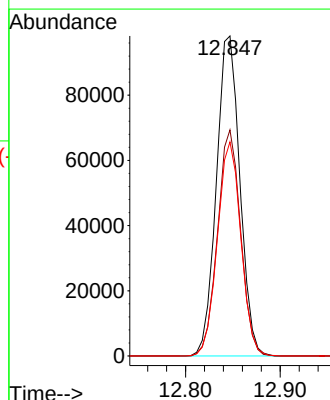
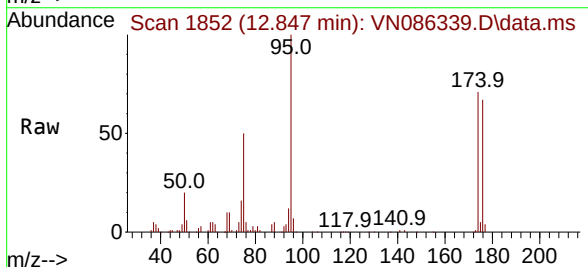
Instrument :
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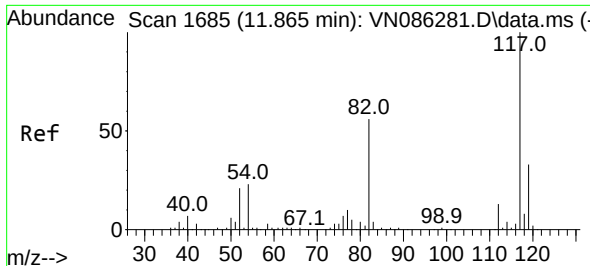
Tgt Ion: 98 Resp: 458987
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.759 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Tgt Ion: 95 Resp: 169559
Ion Ratio Lower Upper
95 100
174 69.2 0.0 133.4
176 66.6 0.0 129.2

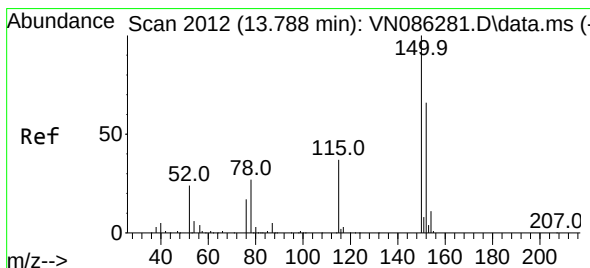
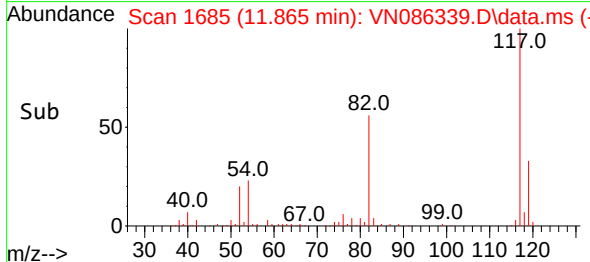
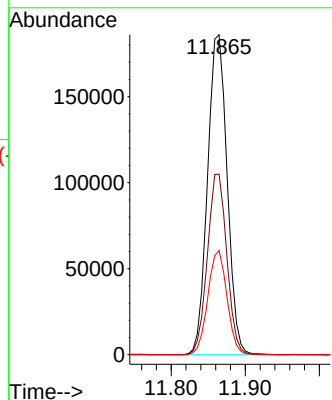
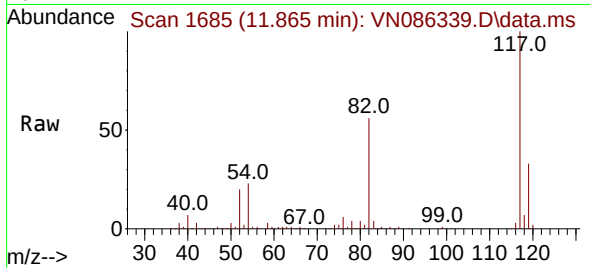




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Instrument :
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Tgt Ion:117 Resp: 341990
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086339.D
Acq: 18 Apr 2025 13:19

Tgt Ion:152 Resp: 150375
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.9
150 158.4 0.0 352.0

