

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086337.D
 Acq On : 18 Apr 2025 12:31
 Operator : JC\MD
 Sample : PB167623ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#02

Quant Time: Apr 19 02:22:57 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)

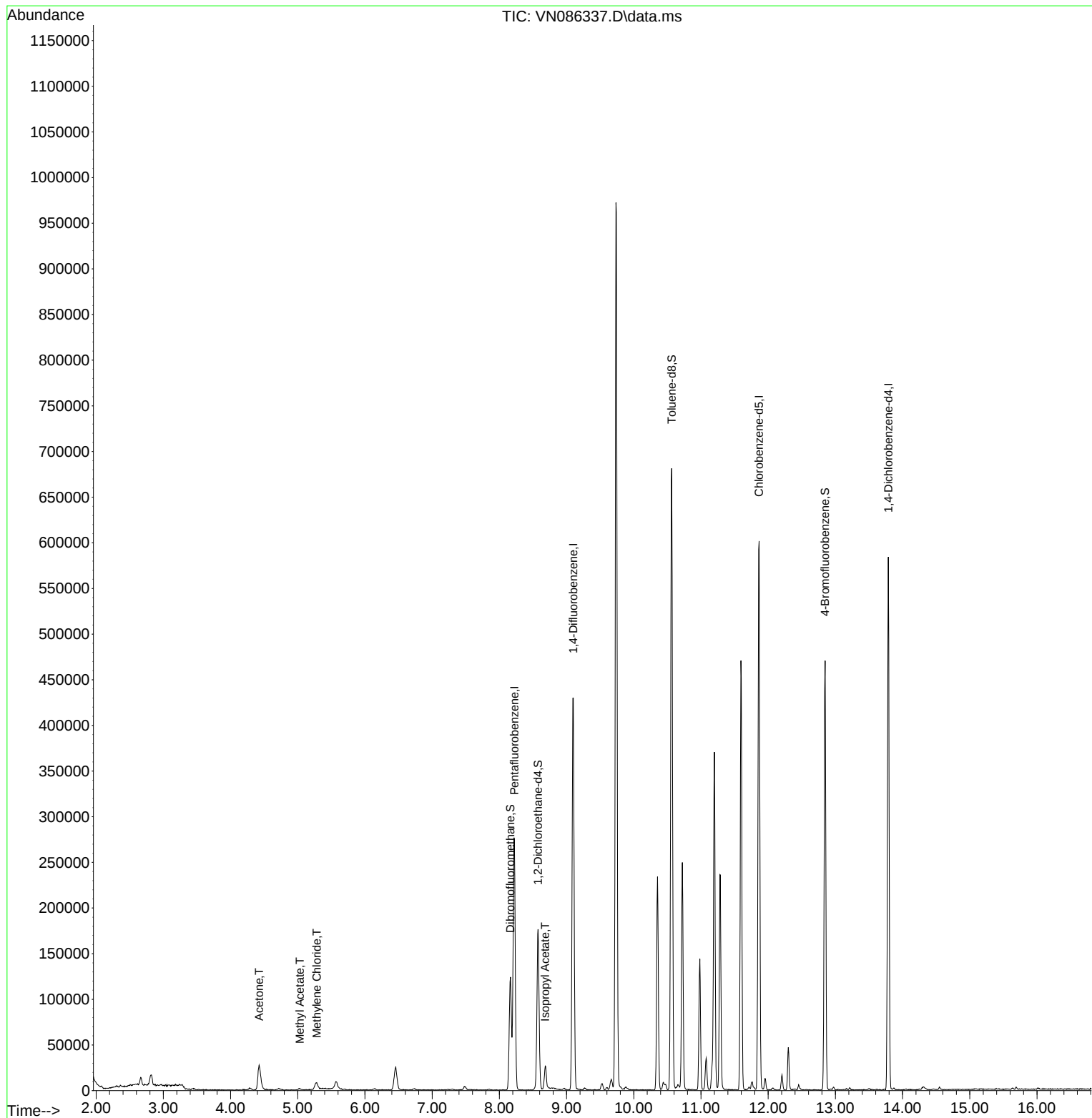
Internal Standards						
1) Pentafluorobenzene	8.224	168	204406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145871	49.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.165	113	91968	51.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	10.565	98	490008	51.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.440%		
62) 4-Bromofluorobenzene	12.847	95	174233	49.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	53491	47.576	ug/l	99
18) Methyl Acetate	5.030	43	3607	1.014	ug/l #	77
20) Methylene Chloride	5.283	84	6392	2.333	ug/l	90
43) Isopropyl Acetate	8.682	43	32496	3.002	ug/l #	89

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

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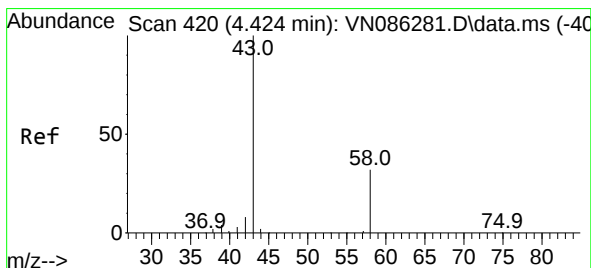
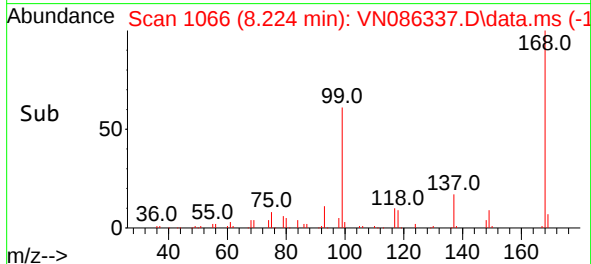
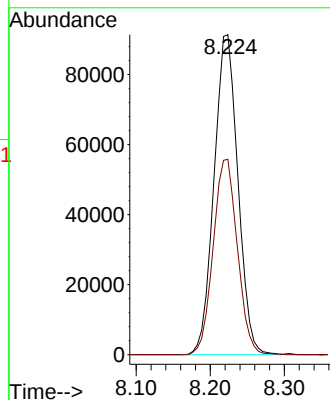
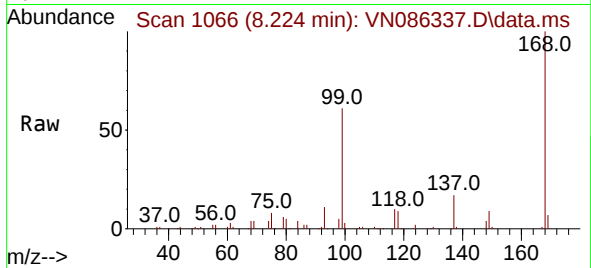




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

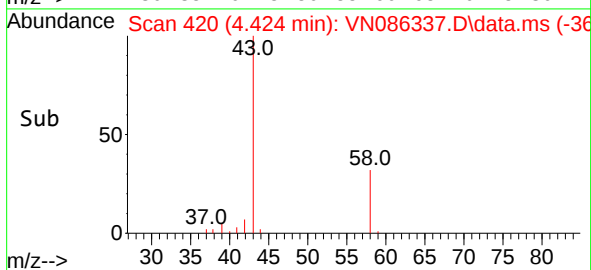
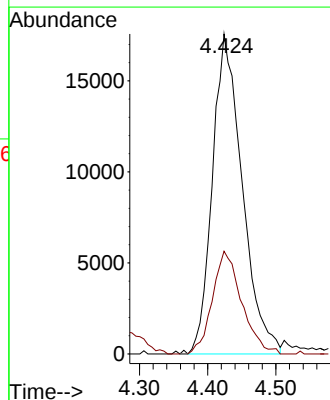
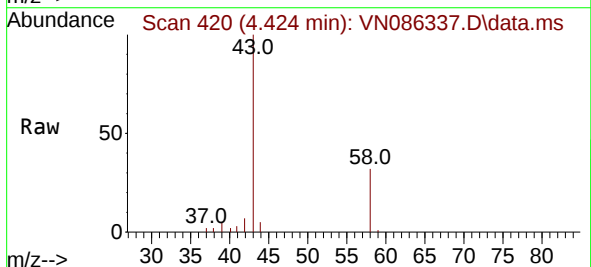
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:168 Resp: 204406
Ion Ratio Lower Upper
168 100
99 61.0 52.5 78.7



#16
Acetone
Concen: 47.576 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 53491
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9

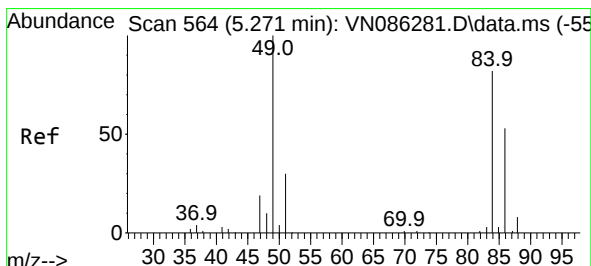
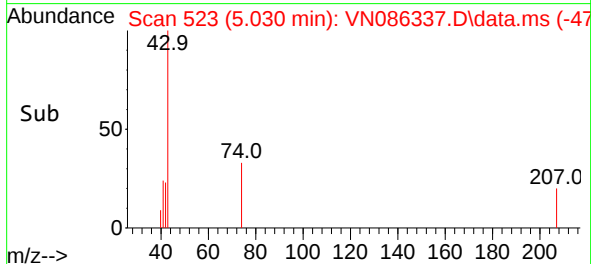
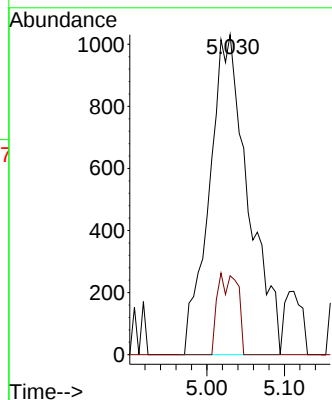
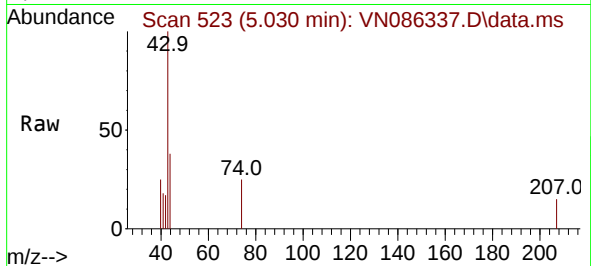




#18
Methyl Acetate
Concen: 1.014 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

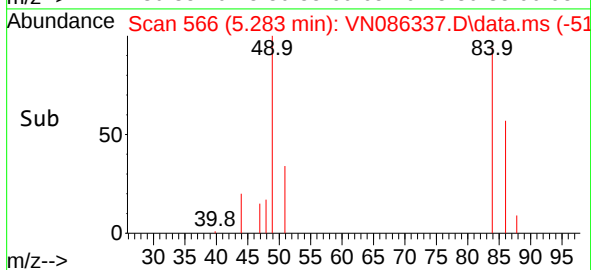
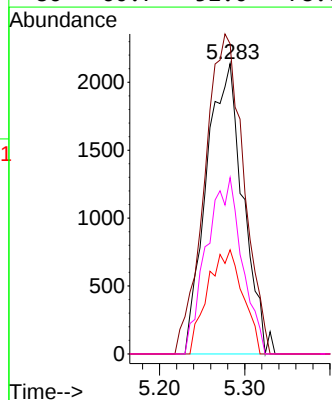
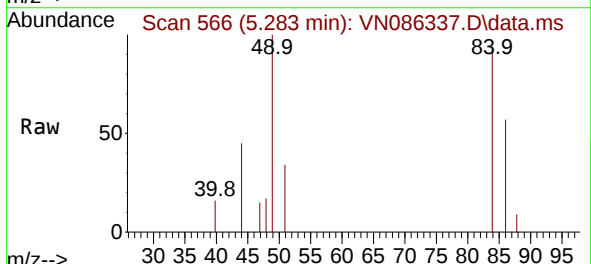
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

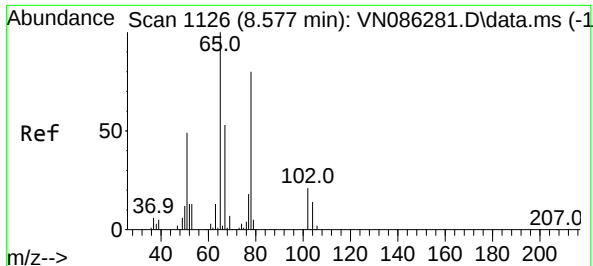
Tgt Ion: 43 Resp: 3607
Ion Ratio Lower Upper
43 100
74 13.2 19.8 29.6#



#20
Methylene Chloride
Concen: 2.333 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 84 Resp: 6392
Ion Ratio Lower Upper
84 100
49 106.8 98.2 147.2
51 35.9 29.8 44.6
86 60.7 52.0 78.0

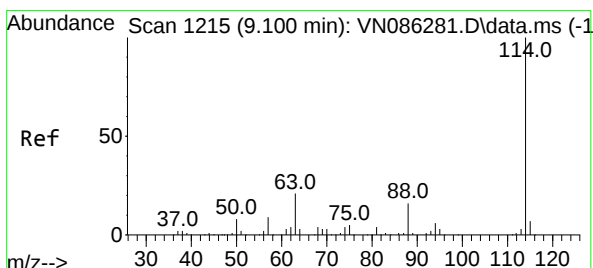
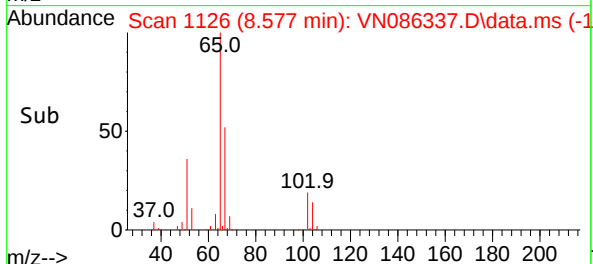
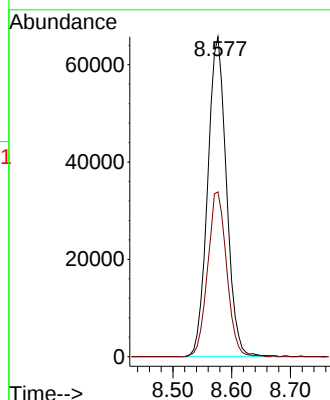
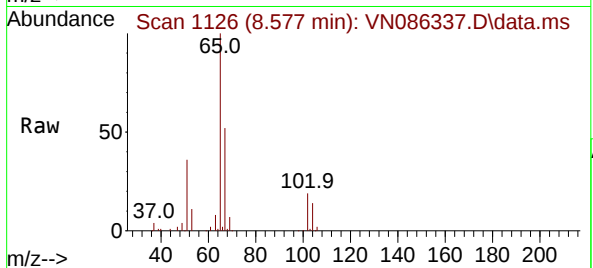




#33
 1,2-Dichloroethane-d4
 Concen: 49.213 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086337.D
 Acq: 18 Apr 2025 12:31

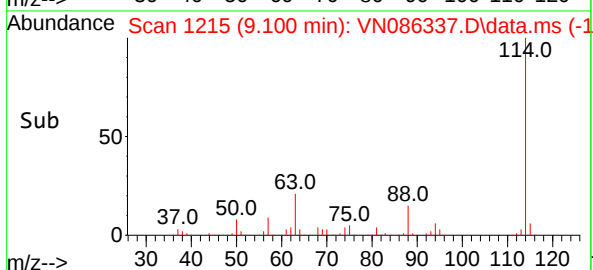
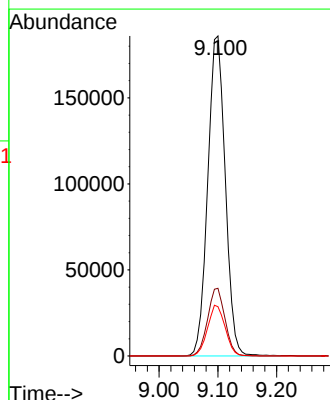
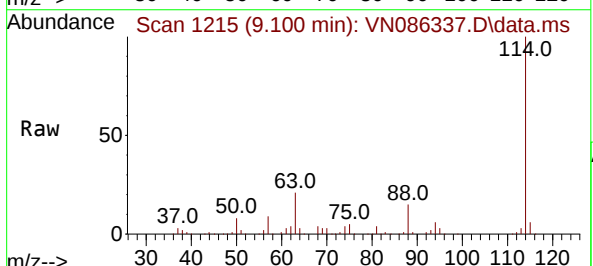
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#02

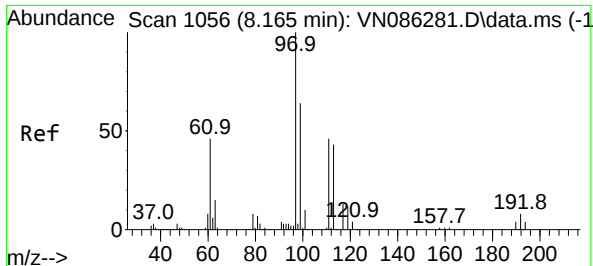
Tgt Ion: 65 Resp: 145871
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086337.D
 Acq: 18 Apr 2025 12:31

Tgt Ion: 114 Resp: 385701
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.6
 88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.376 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086337.D

Acq: 18 Apr 2025 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#02

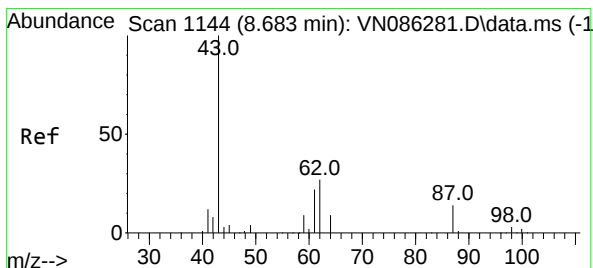
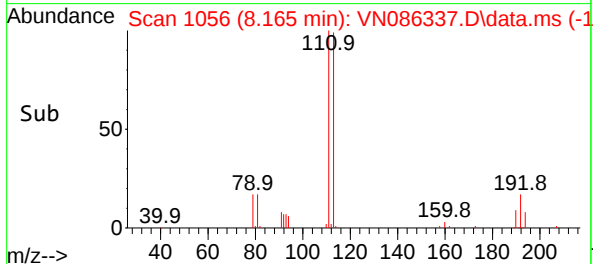
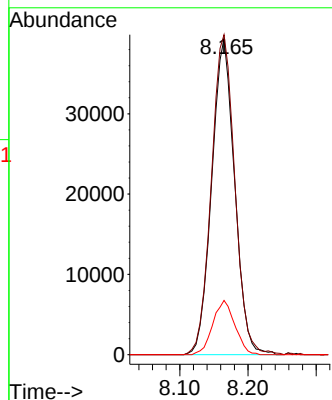
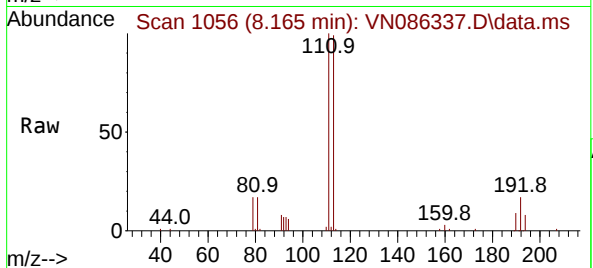
Tgt Ion:113 Resp: 91968

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.0

192 16.6 13.7 20.5



#43

Isopropyl Acetate

Concen: 3.002 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086337.D

Acq: 18 Apr 2025 12:31

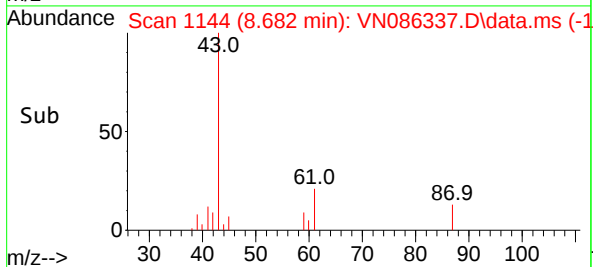
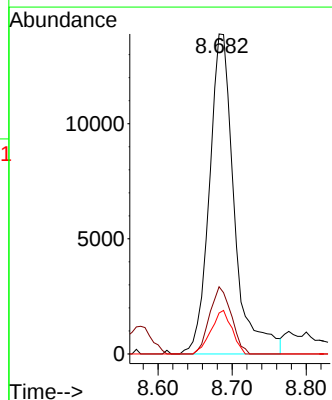
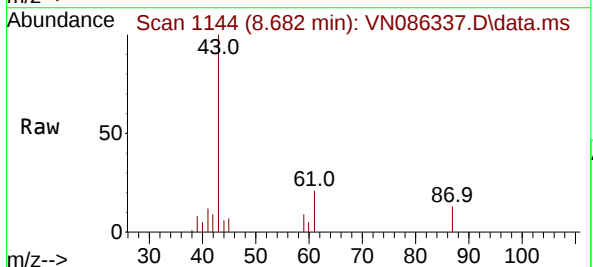
Tgt Ion: 43 Resp: 32496

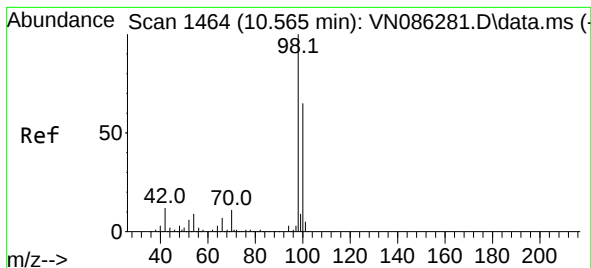
Ion Ratio Lower Upper

43 100

61 18.2 20.5 30.7#

87 11.4 10.5 15.7

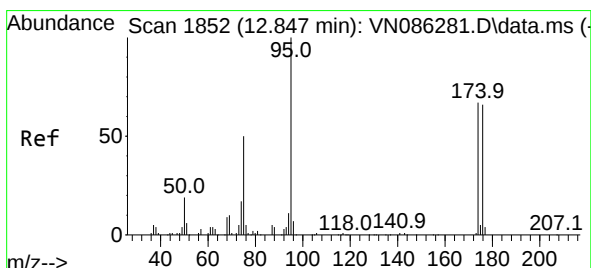
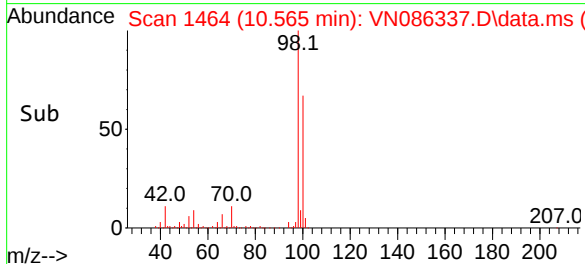
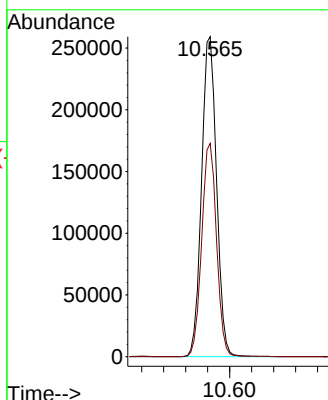
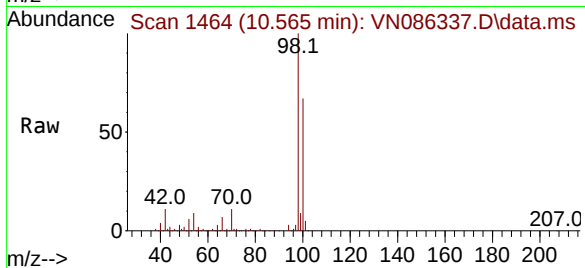




#50
Toluene-d8
Concen: 51.218 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

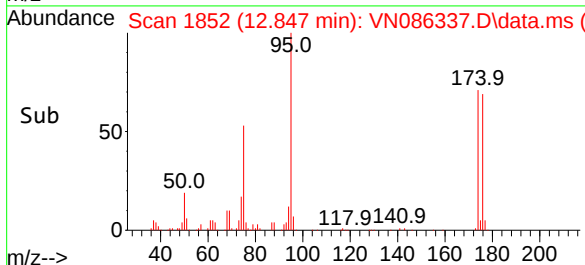
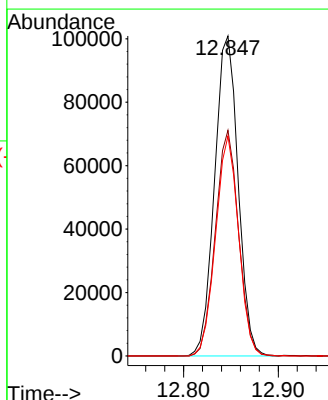
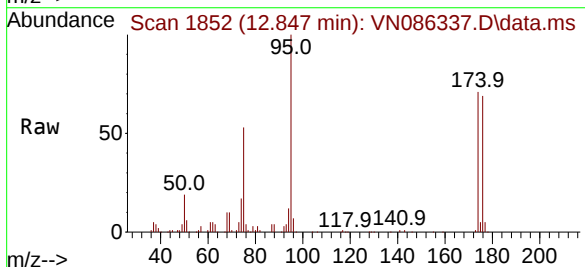
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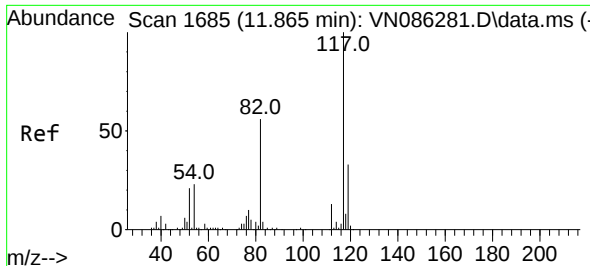
Tgt Ion: 98 Resp: 490008
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 95 Resp: 174233
Ion Ratio Lower Upper
95 100
174 69.5 0.0 133.4
176 67.0 0.0 129.2

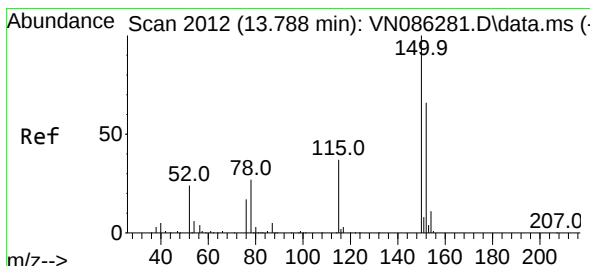
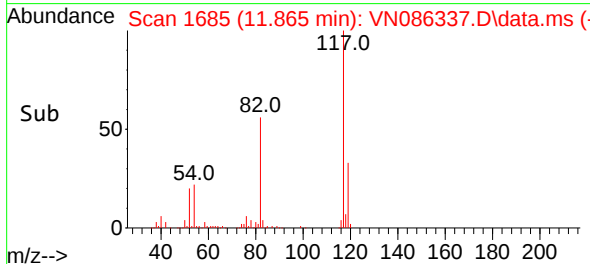
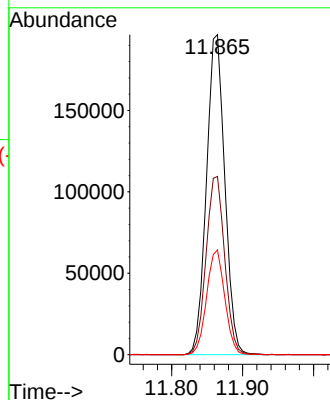
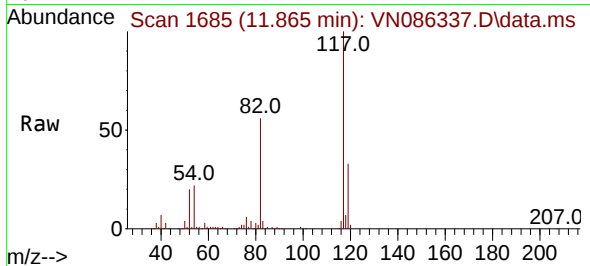




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:117 Resp: 353297
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.7 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: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion:152 Resp: 152125
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 159.4 0.0 352.0

