

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086342.D
 Acq On : 18 Apr 2025 14:31
 Operator : JC\MD
 Sample : PB167623ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#07

Quant Time: Apr 19 02:25:20 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)

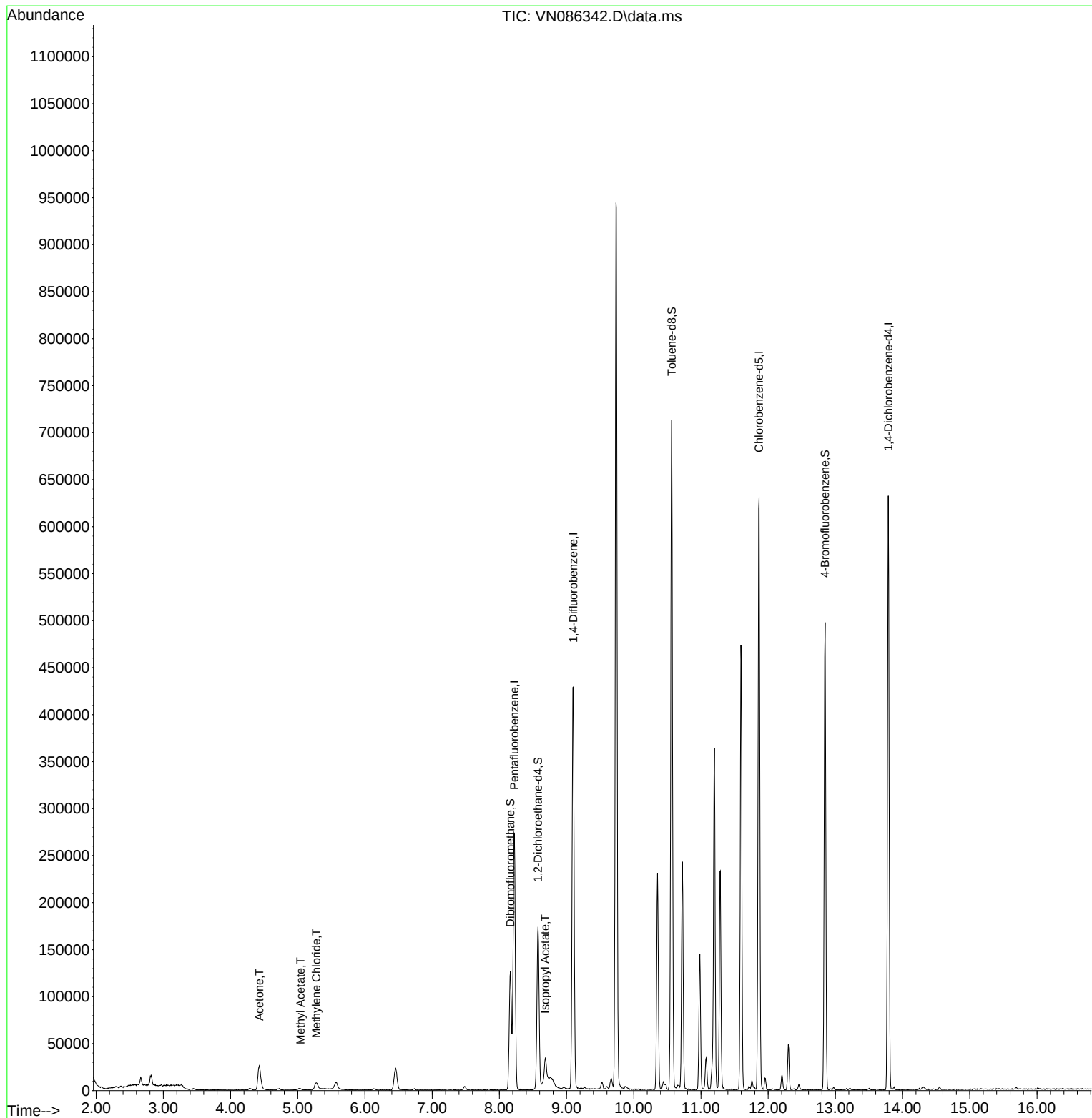
Internal Standards						
1) Pentafluorobenzene	8.224	168	202880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145561	49.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.960%			
35) Dibromofluoromethane	8.165	113	93871	52.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.565	98	493865	51.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.847	95	184830	52.949	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.900%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	51111	45.583	ug/l	100
18) Methyl Acetate	5.042	43	4225	1.196	ug/l #	51
20) Methylene Chloride	5.277	84	6008	2.209	ug/l	87
43) Isopropyl Acetate	8.682	43	50292	5.679	ug/l #	77

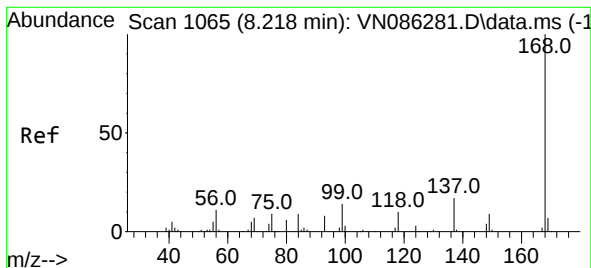
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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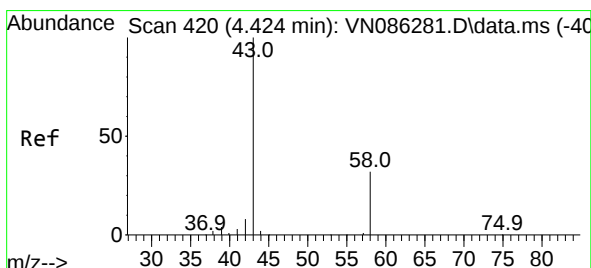
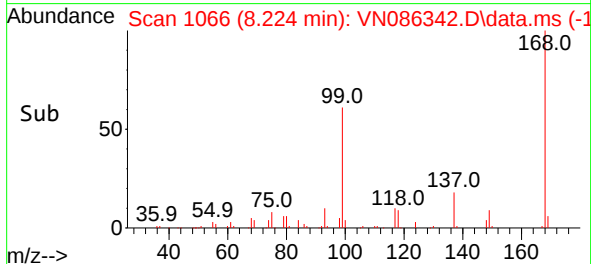
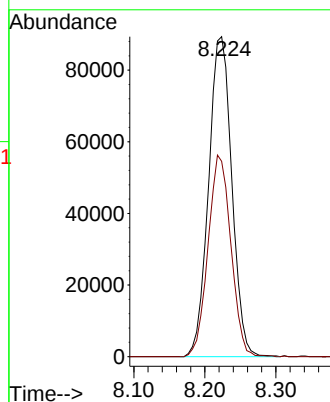
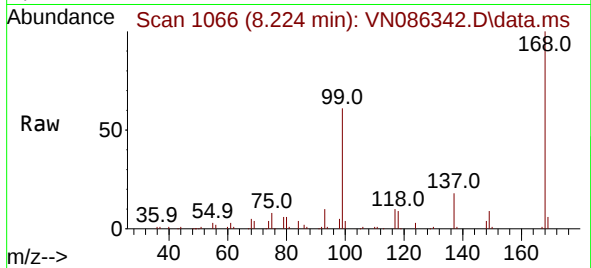




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

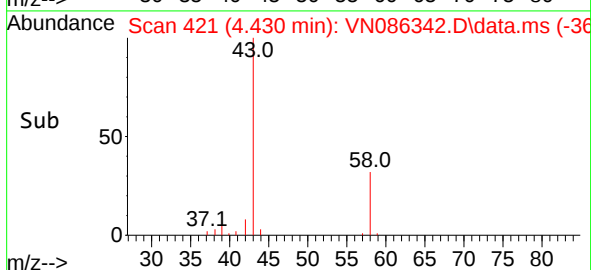
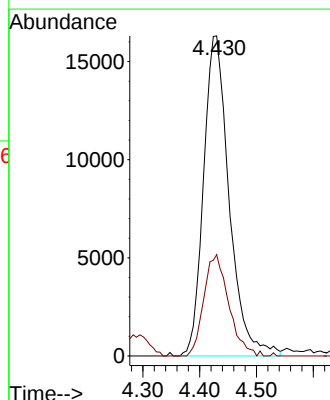
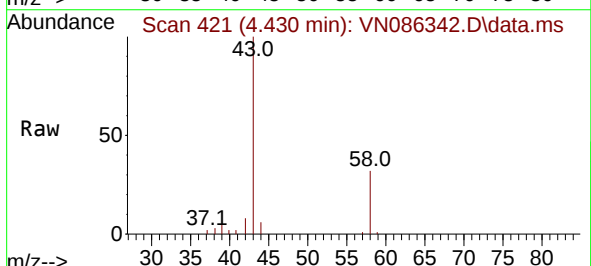
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#07

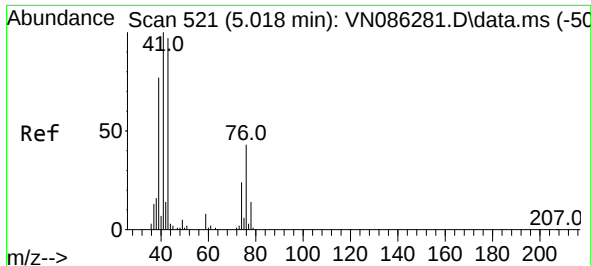
Tgt Ion:168 Resp: 202880
Ion Ratio Lower Upper
168 100
99 61.0 52.5 78.7



#16
Acetone
Concen: 45.583 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

Tgt Ion: 43 Resp: 51111
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9

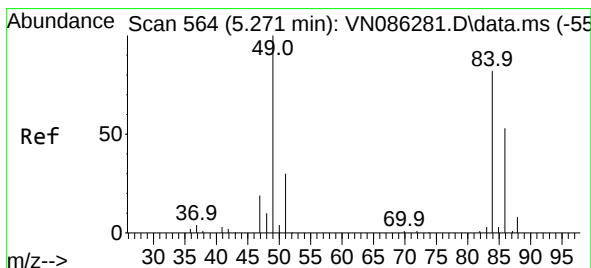
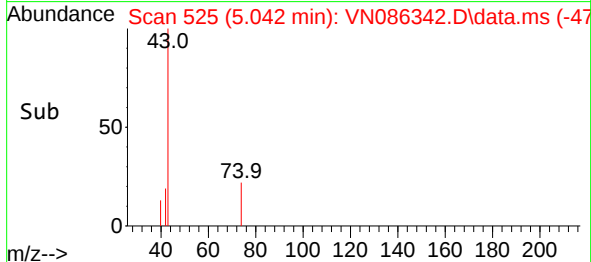
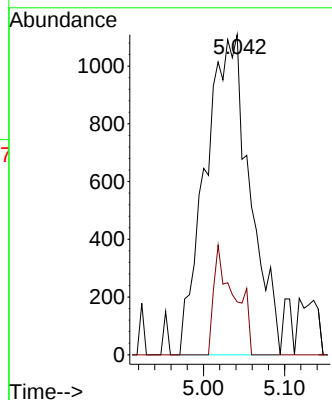
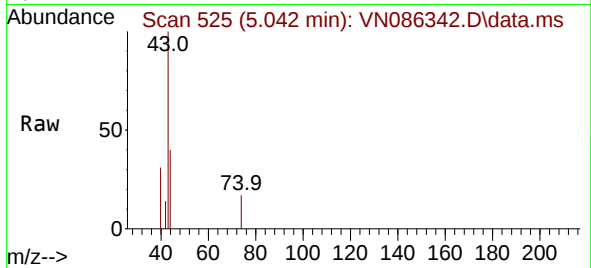




#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

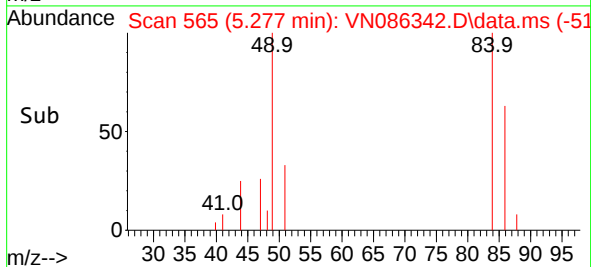
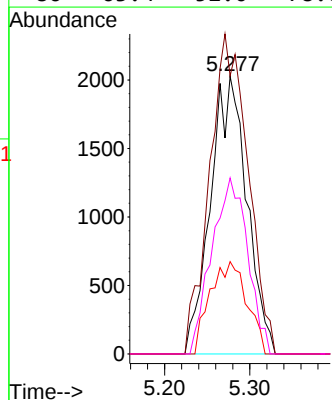
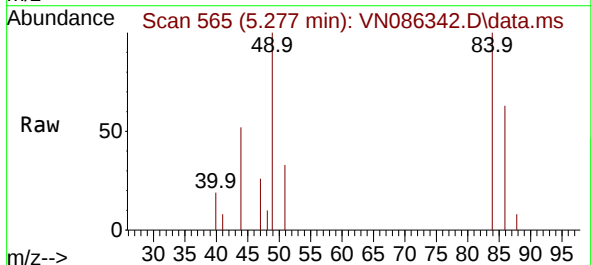
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#07

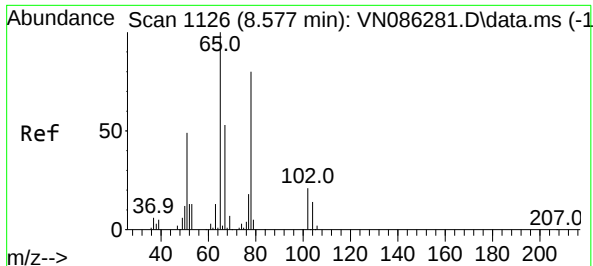
Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 2.209 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

Tgt Ion: 84 Resp: 6008
Ion Ratio Lower Upper
84 100
49 100.1 98.2 147.2
51 33.2 29.8 44.6
86 63.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 49.478 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086342.D

Acq: 18 Apr 2025 14:31

Instrument :

MSVOA_N

ClientSampleId :

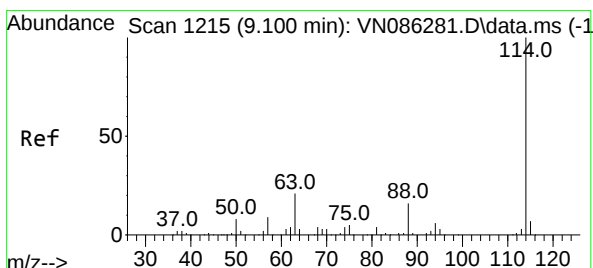
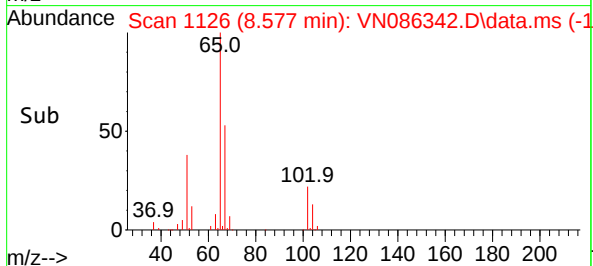
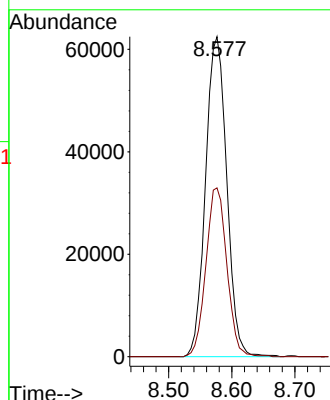
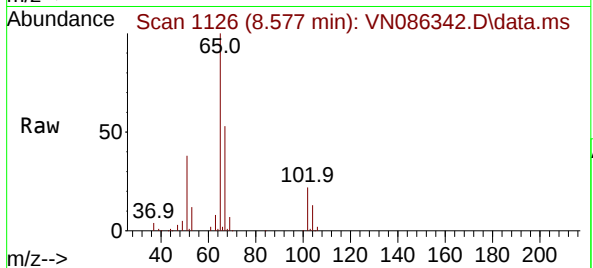
PB167623ZHE#07

Tgt Ion: 65 Resp: 145561

Ion Ratio Lower Upper

65 100

67 52.2 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: VN086342.D

Acq: 18 Apr 2025 14:31

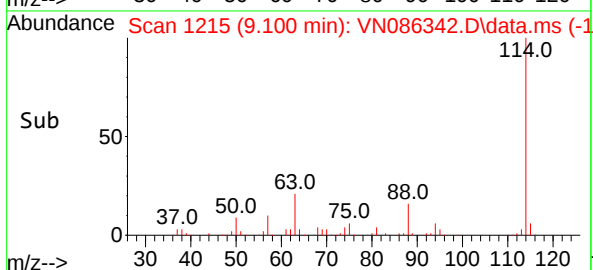
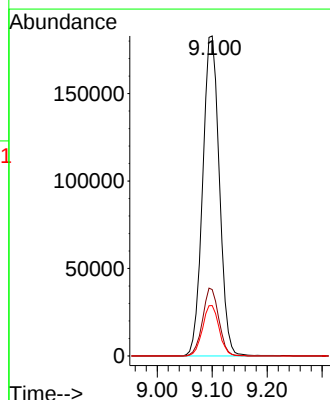
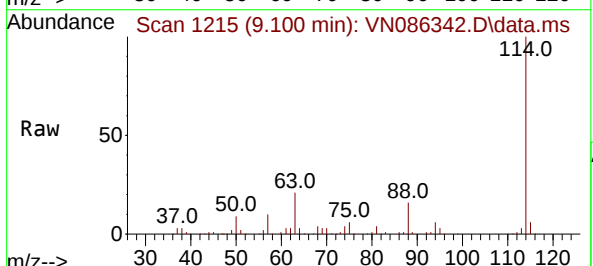
Tgt Ion: 114 Resp: 385830

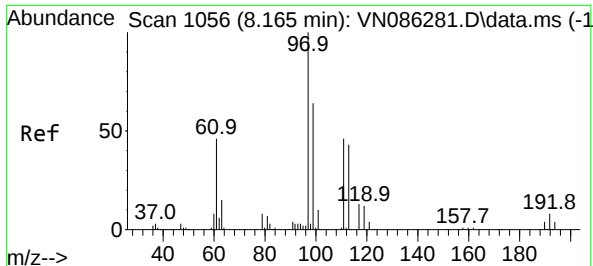
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.422 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086342.D

Acq: 18 Apr 2025 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#07

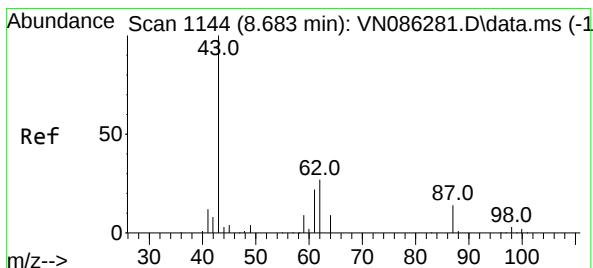
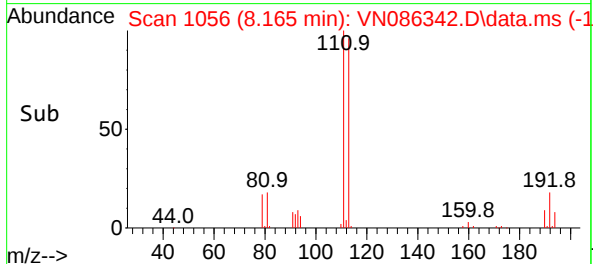
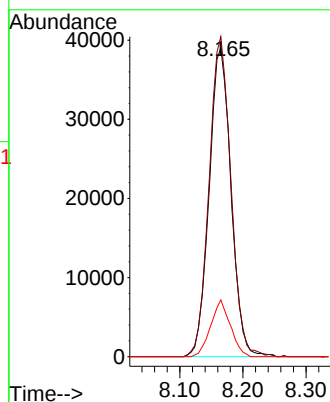
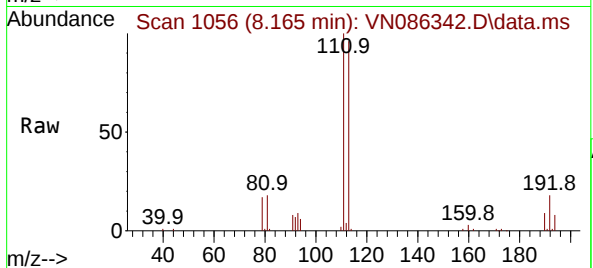
Tgt Ion:113 Resp: 93871

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

192 16.6 13.7 20.5



#43

Isopropyl Acetate

Concen: 5.679 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086342.D

Acq: 18 Apr 2025 14:31

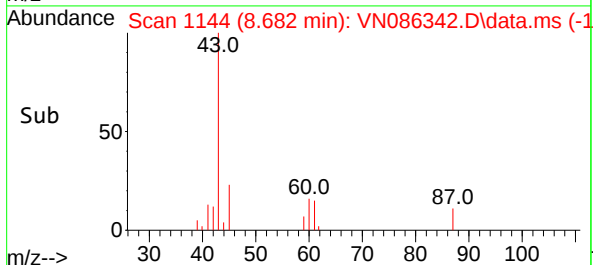
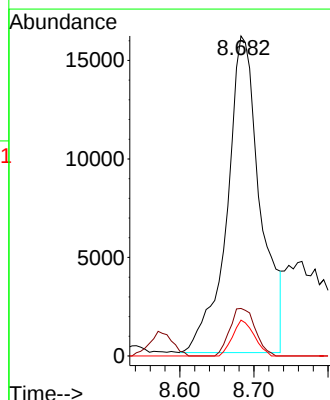
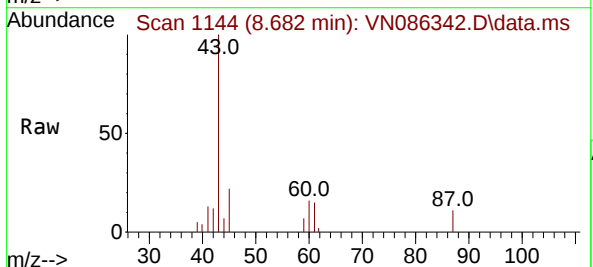
Tgt Ion: 43 Resp: 50292

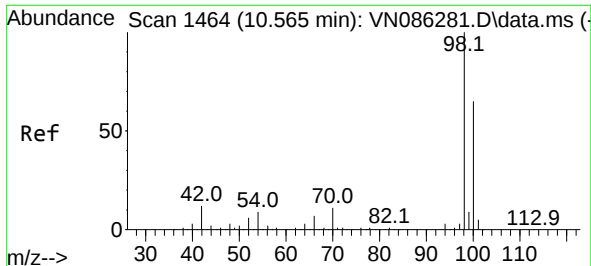
Ion Ratio Lower Upper

43 100

61 11.4 20.5 30.7#

87 7.3 10.5 15.7#

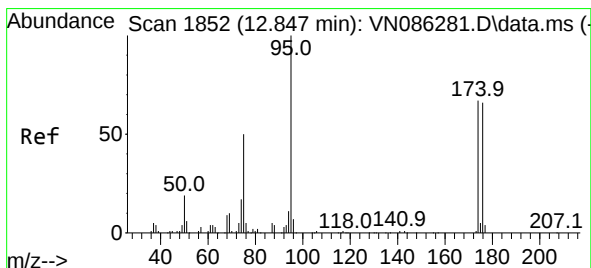
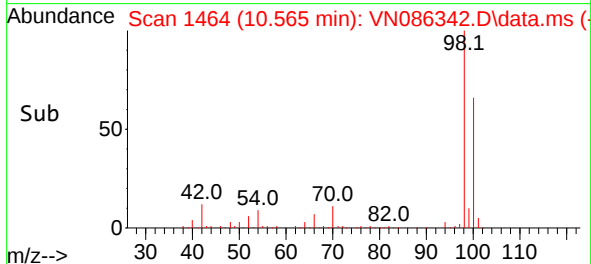
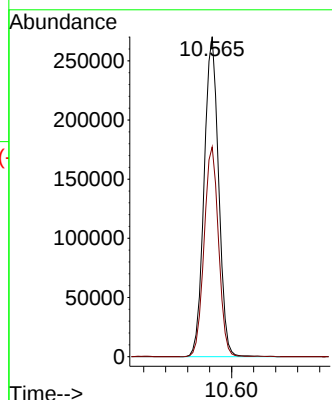
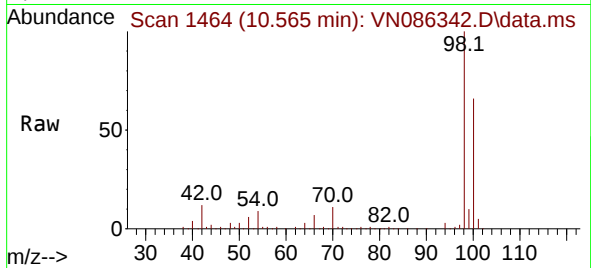




#50
Toluene-d8
Concen: 51.604 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

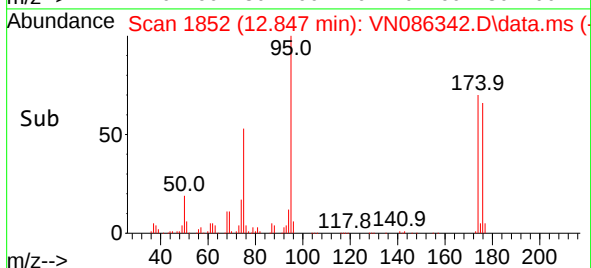
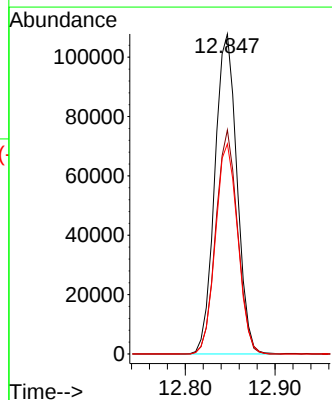
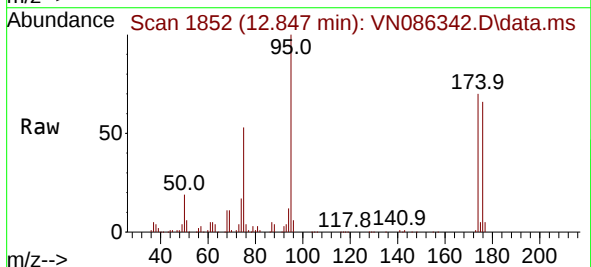
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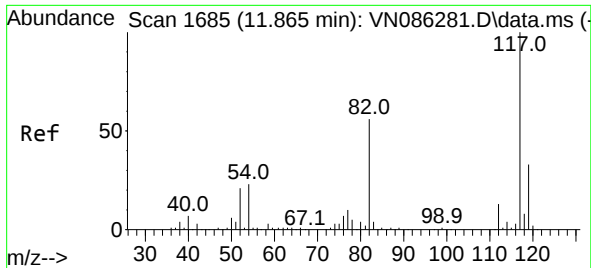
Tgt Ion: 98 Resp: 493865
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

Tgt Ion: 95 Resp: 184830
Ion Ratio Lower Upper
95 100
174 68.7 0.0 133.4
176 66.1 0.0 129.2

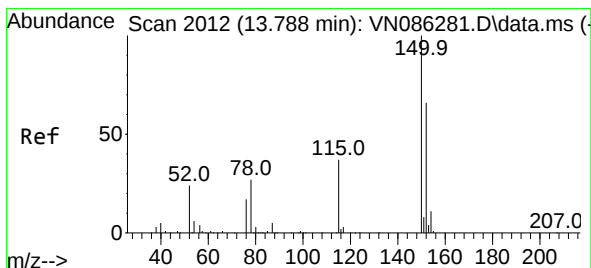
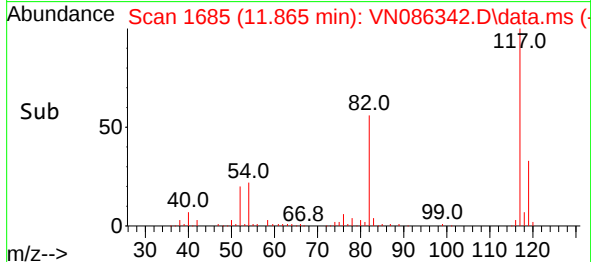
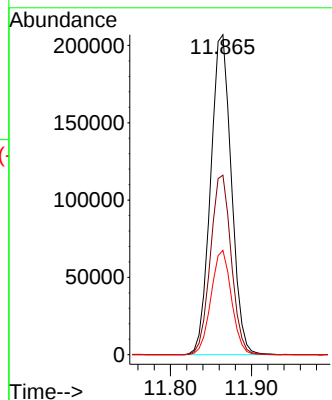
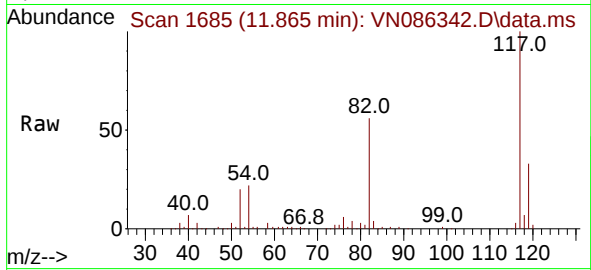




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086342.D
Acq: 18 Apr 2025 14:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#07

Tgt Ion:117 Resp: 367952
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.6 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: VN086342.D
Acq: 18 Apr 2025 14:31

Tgt Ion:152 Resp: 167046
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.9
150 159.3 0.0 352.0

