

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086351.D
 Acq On : 18 Apr 2025 18:08
 Operator : JC\MD
 Sample : PB167623ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#16

Quant Time: Apr 19 02:29:38 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)

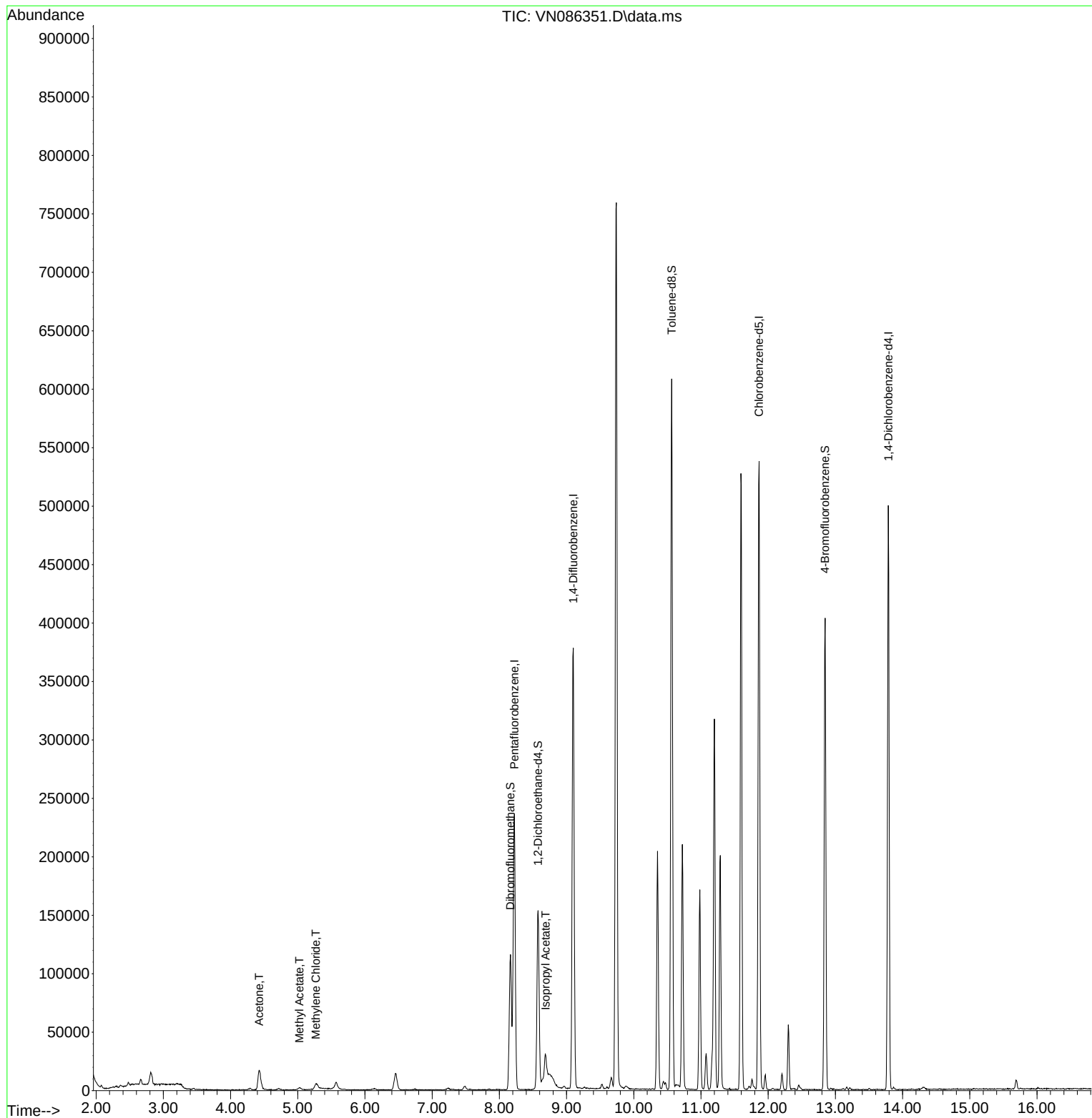
Internal Standards						
1) Pentafluorobenzene	8.224	168	170329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129709	52.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	8.165	113	86920	55.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.780%	
50) Toluene-d8	10.565	98	420928	50.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.847	95	153160	50.516	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	33343	34.117	ug/l	99
18) Methyl Acetate	5.024	43	4414	1.489	ug/l #	78
20) Methylene Chloride	5.271	84	3886	1.702	ug/l #	91
43) Isopropyl Acetate	8.688	43	49774	6.737	ug/l #	74

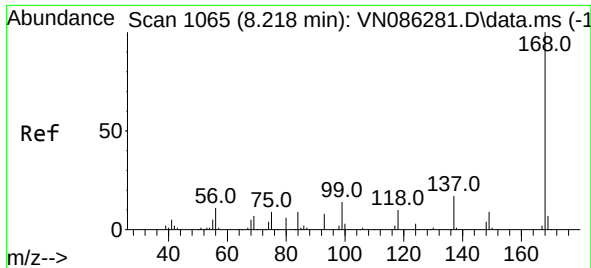
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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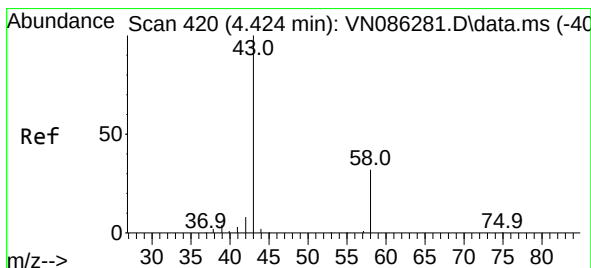
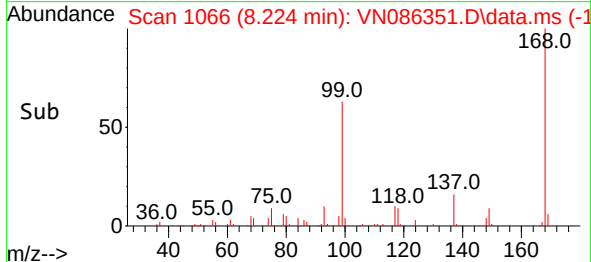
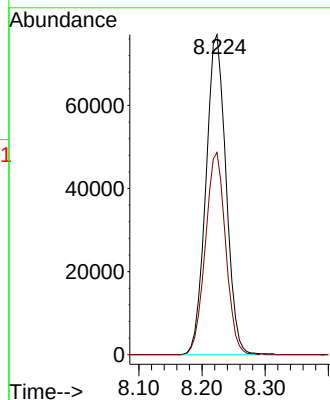
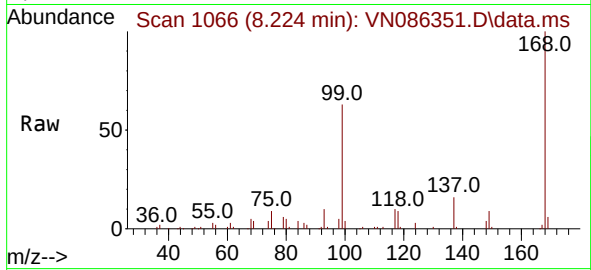




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

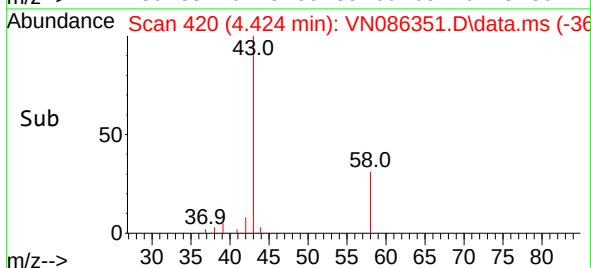
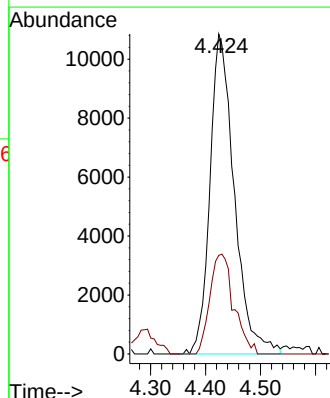
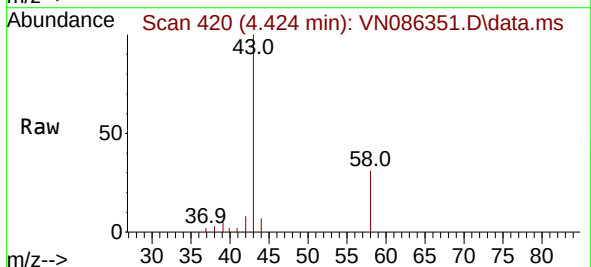
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#16

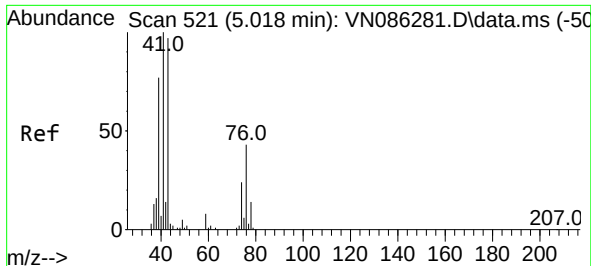
Tgt Ion:168 Resp: 170329
Ion Ratio Lower Upper
168 100
99 63.2 52.5 78.7



#16
Acetone
Concen: 34.117 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

Tgt Ion: 43 Resp: 33343
Ion Ratio Lower Upper
43 100
58 30.8 25.3 37.9

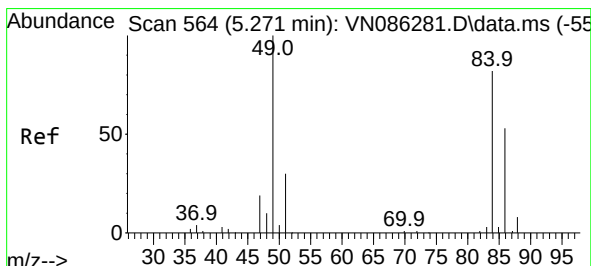
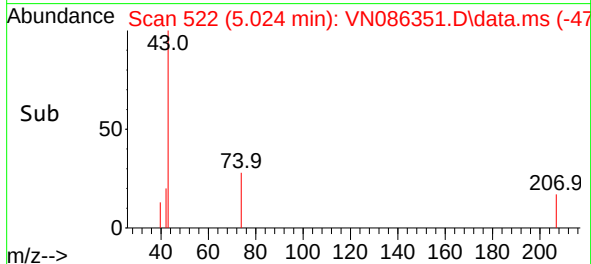
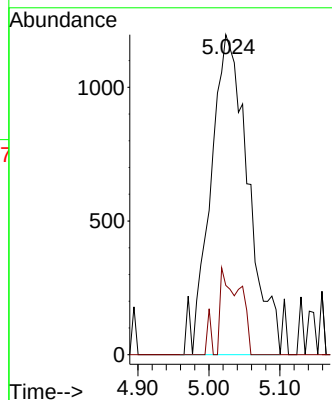
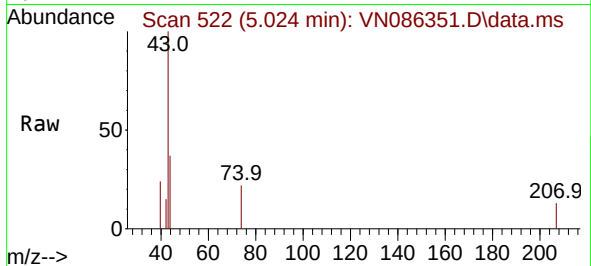




#18
Methyl Acetate
Concen: 1.489 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

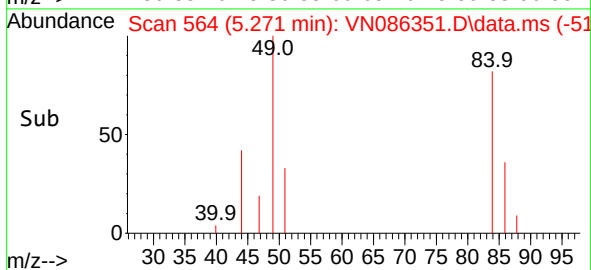
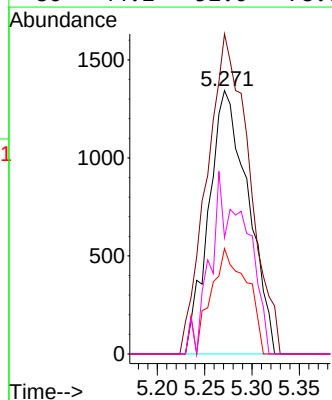
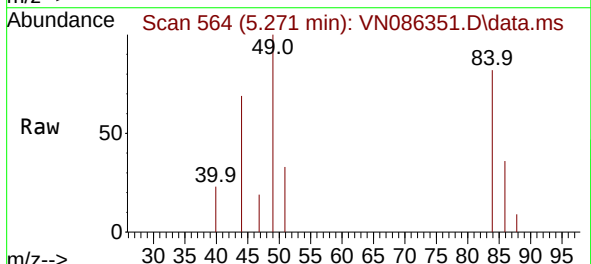
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#16

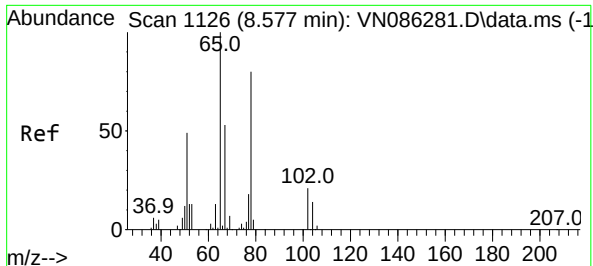
Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
74 13.7 19.8 29.6#



#20
Methylene Chloride
Concen: 1.702 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

Tgt Ion: 84 Resp: 3886
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.2
51 40.1 29.8 44.6
86 44.2 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 52.515 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086351.D

Acq: 18 Apr 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

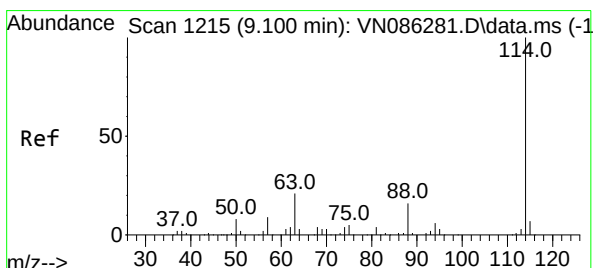
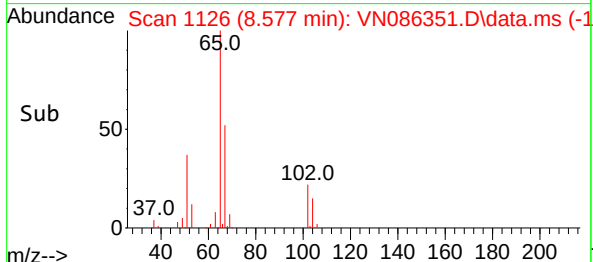
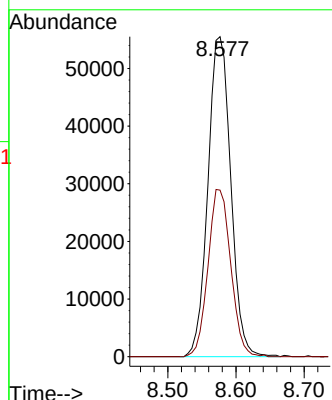
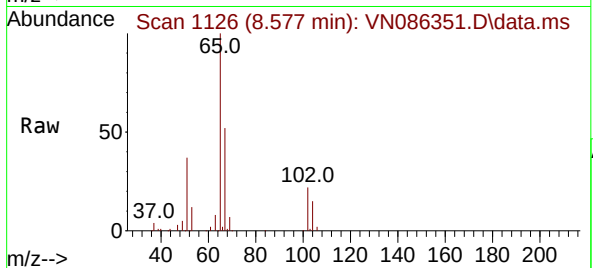
PB167623ZHE#16

Tgt Ion: 65 Resp: 129709

Ion Ratio Lower Upper

65 100

67 52.1 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: VN086351.D

Acq: 18 Apr 2025 18:08

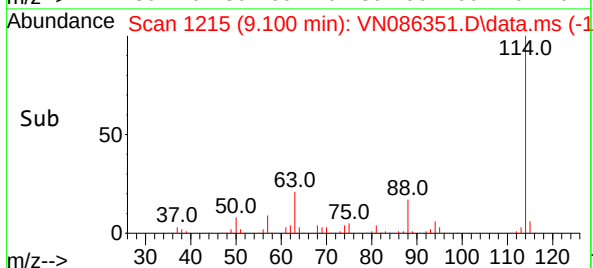
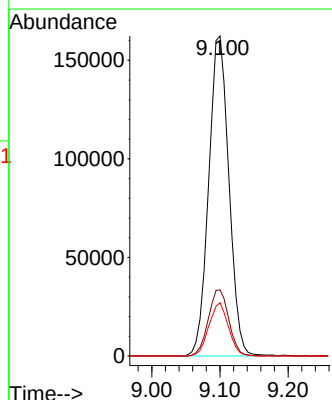
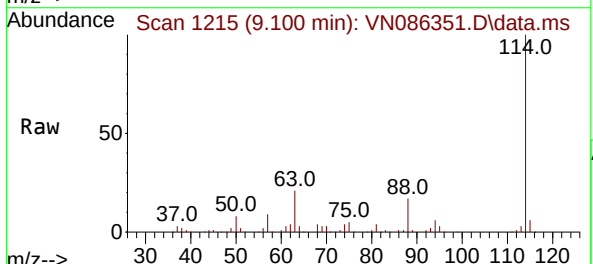
Tgt Ion: 114 Resp: 335120

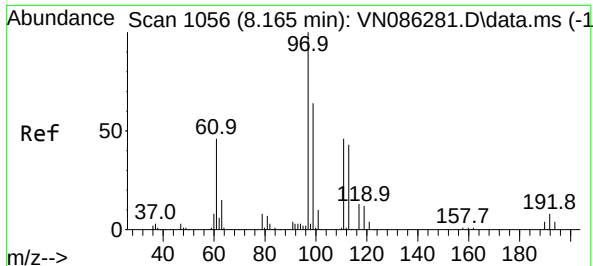
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.885 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN086351.D

Acq: 18 Apr 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#16

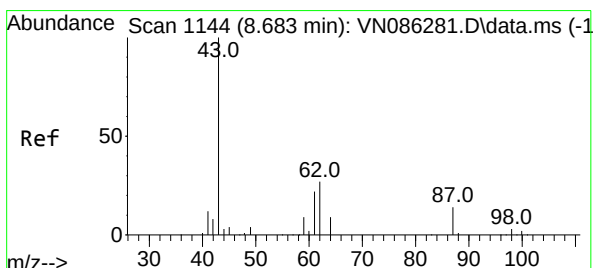
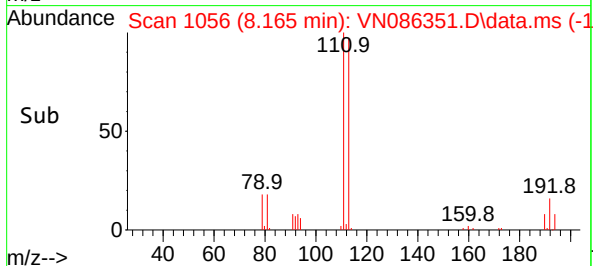
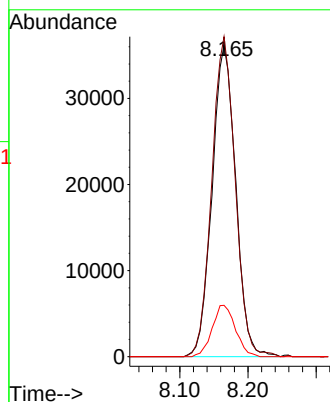
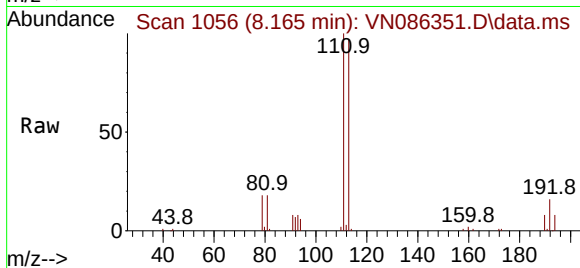
Tgt Ion:113 Resp: 86920

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 16.3 13.7 20.5



#43

Isopropyl Acetate

Concen: 6.737 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086351.D

Acq: 18 Apr 2025 18:08

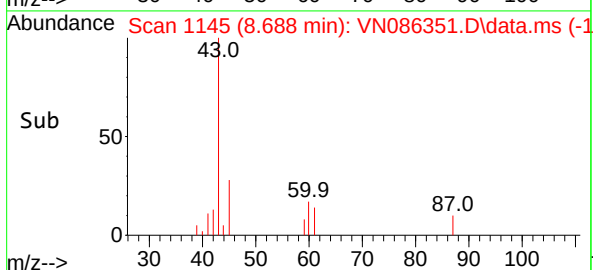
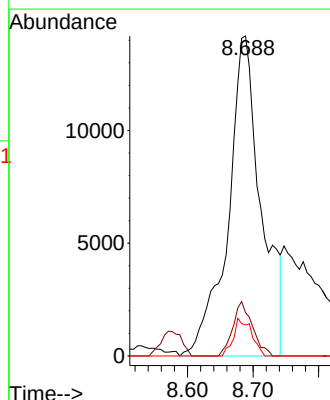
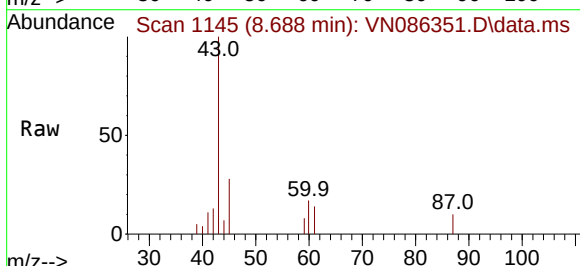
Tgt Ion: 43 Resp: 49774

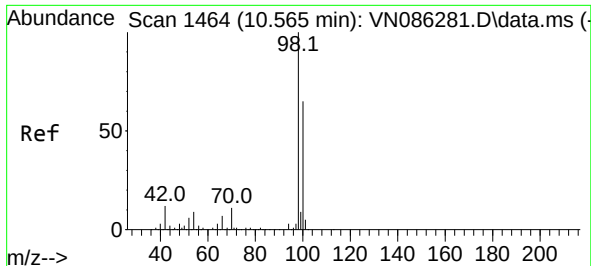
Ion Ratio Lower Upper

43 100

61 10.1 20.5 30.7#

87 6.4 10.5 15.7#

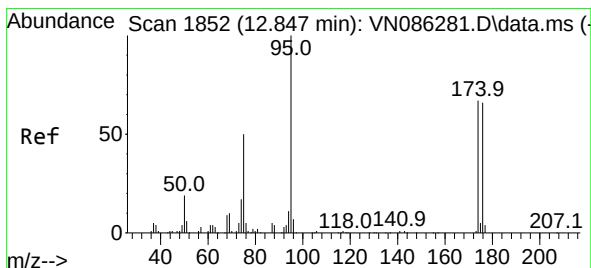
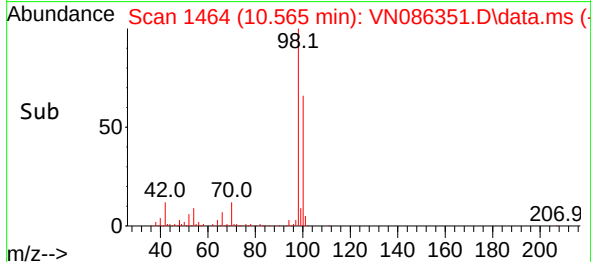
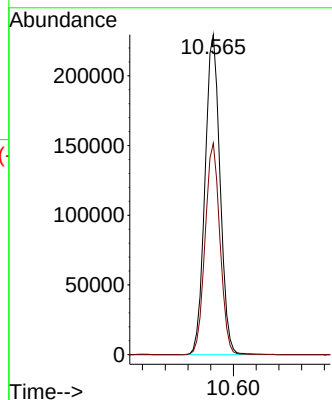
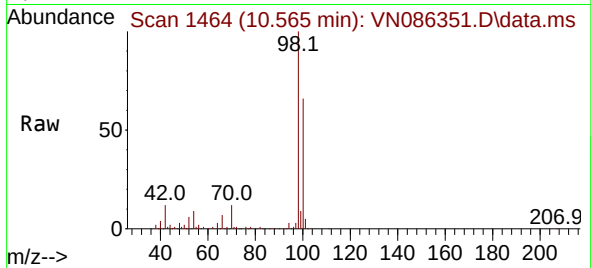




#50
Toluene-d8
Concen: 50.638 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

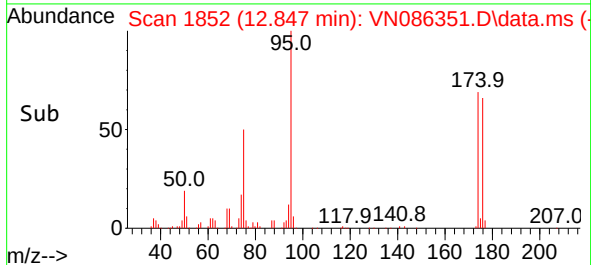
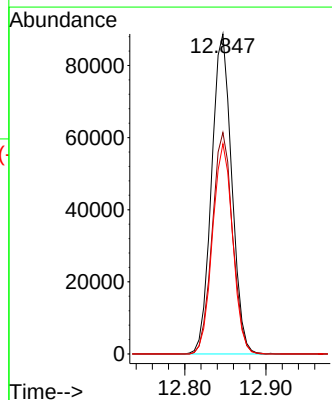
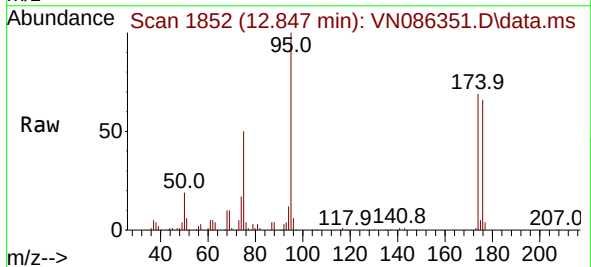
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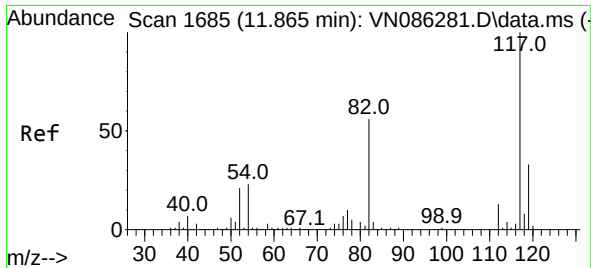
Tgt Ion: 98 Resp: 420928
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

Tgt Ion: 95 Resp: 153160
Ion Ratio Lower Upper
95 100
174 69.9 0.0 133.4
176 65.6 0.0 129.2

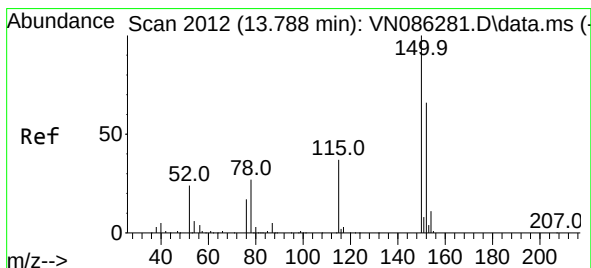
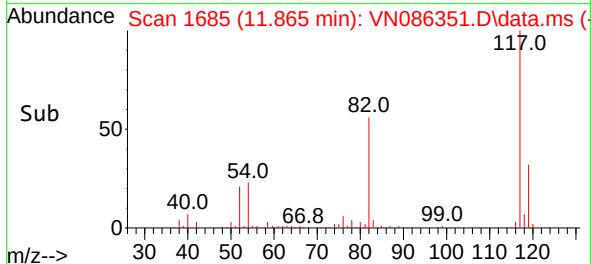
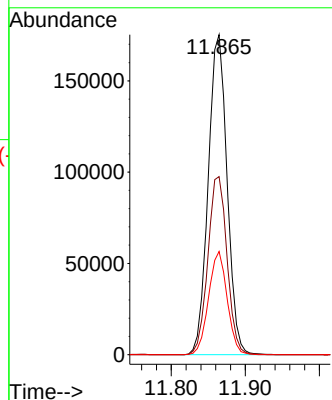
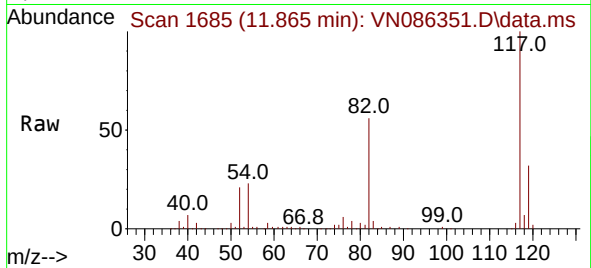




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086351.D
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Tgt Ion:117 Resp: 310078
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086351.D
Acq: 18 Apr 2025 18:08

Tgt Ion:152 Resp: 133591
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.9
150 156.4 0.0 352.0

