

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086338.D
 Acq On : 18 Apr 2025 12:55
 Operator : JC\MD
 Sample : PB167623ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#03

Quant Time: Apr 19 02:23:25 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)

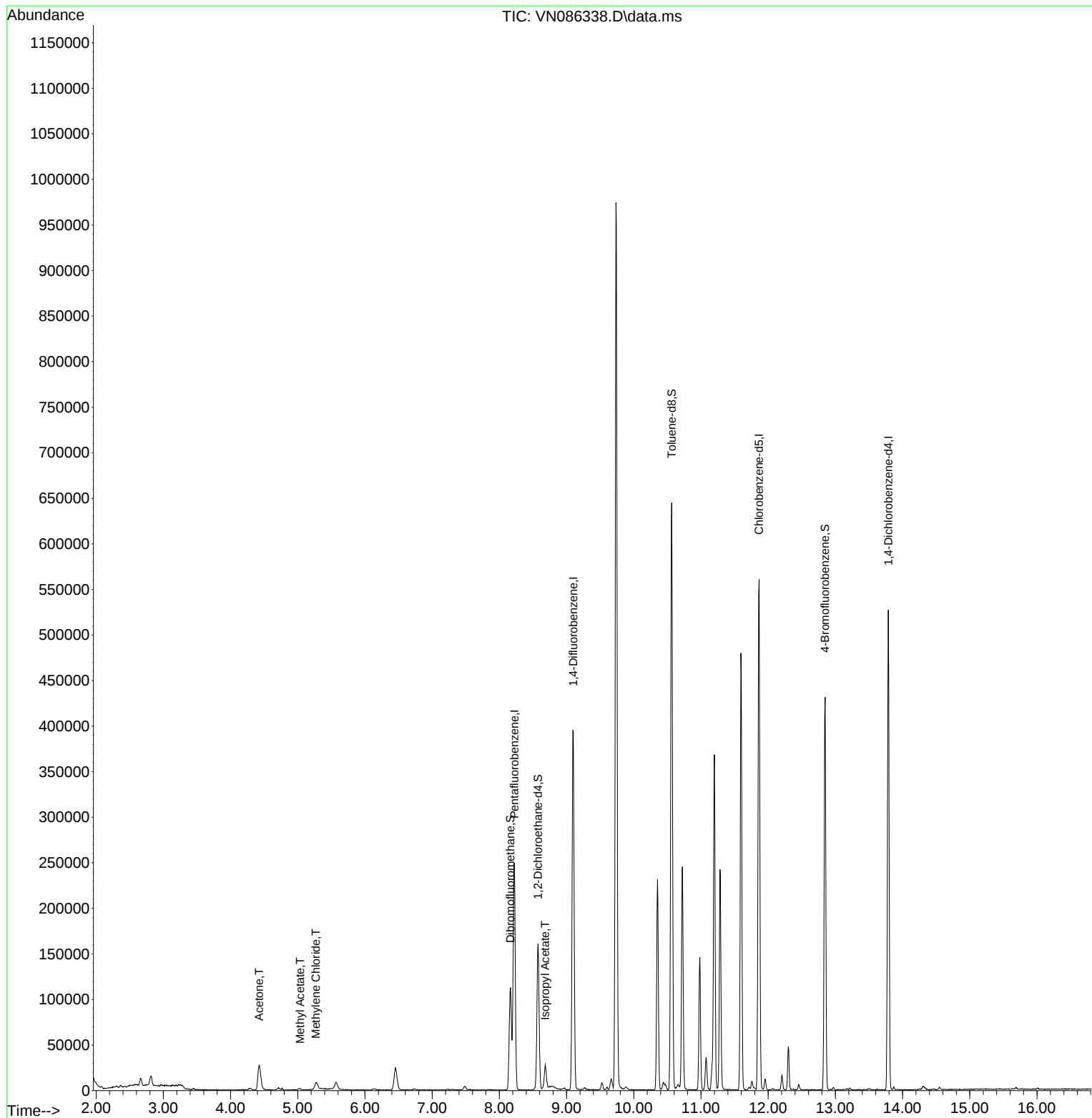
Internal Standards						
1) Pentafluorobenzene	8.224	168	186122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132830	49.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.165	113	85162	51.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.565	98	452790	50.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.847	95	160891	49.671	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.340%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	54808	54.267	ug/l	98
18) Methyl Acetate	5.036	43	3272	1.010	ug/l #	77
20) Methylene Chloride	5.271	84	5897	2.363	ug/l	94
43) Isopropyl Acetate	8.682	43	33485	3.540	ug/l #	88

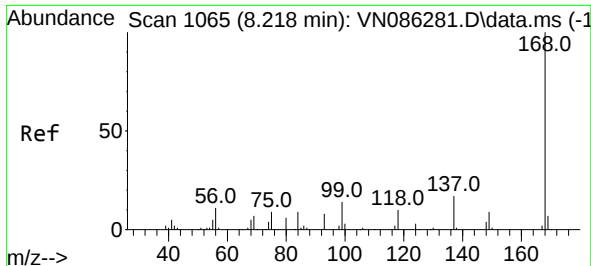
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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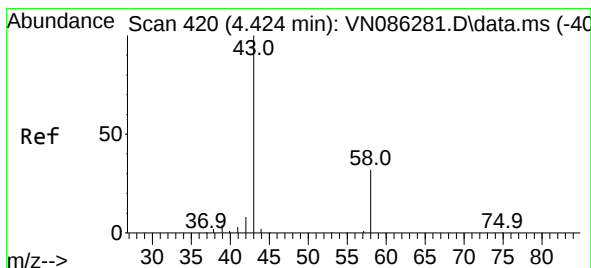
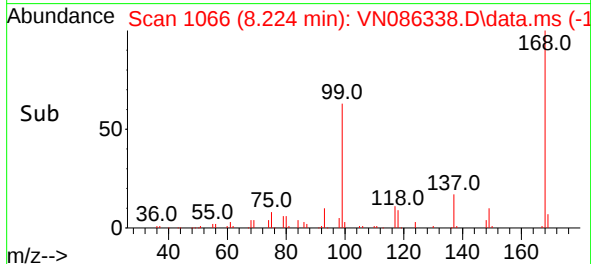
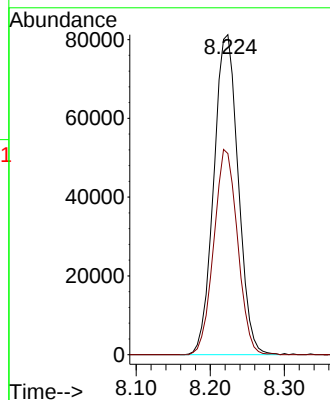
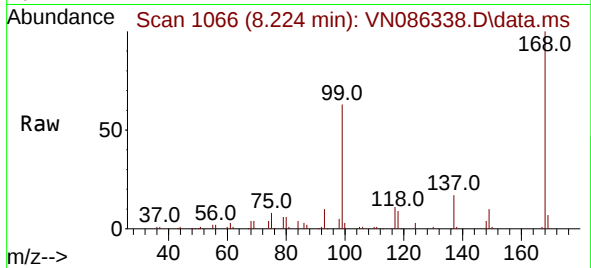




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

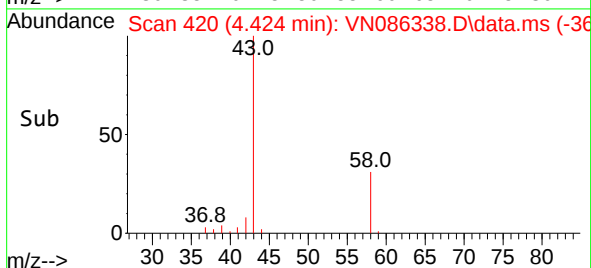
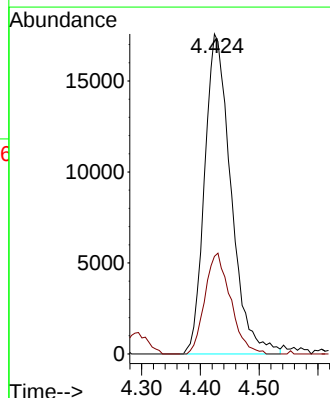
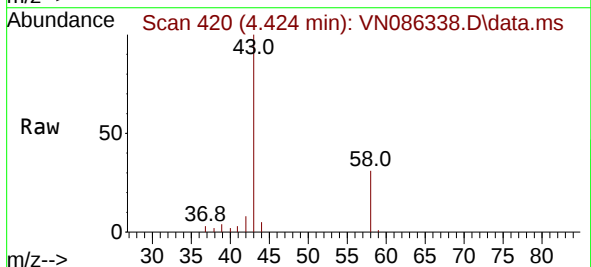
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#03

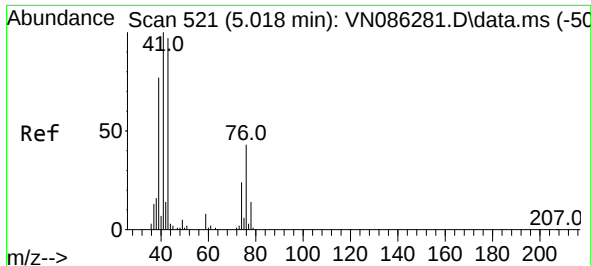
Tgt Ion:168 Resp: 186122
Ion Ratio Lower Upper
168 100
99 62.8 52.5 78.7



#16
Acetone
Concen: 54.267 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

Tgt Ion: 43 Resp: 54808
Ion Ratio Lower Upper
43 100
58 30.5 25.3 37.9

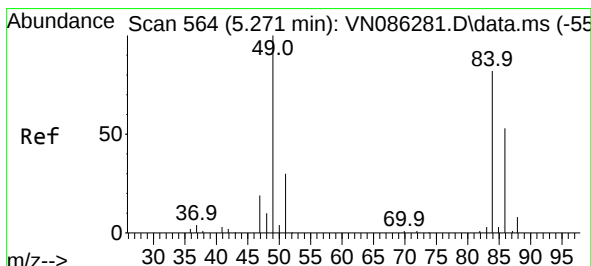
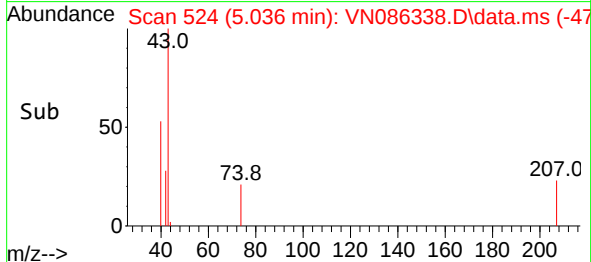
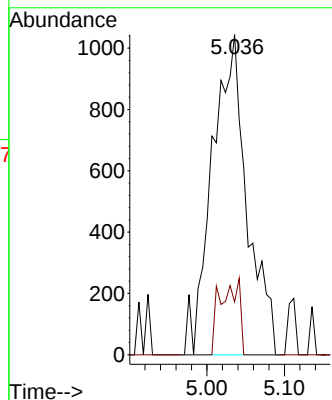
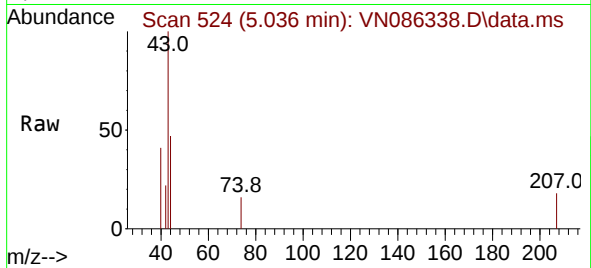




#18
Methyl Acetate
Concen: 1.010 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

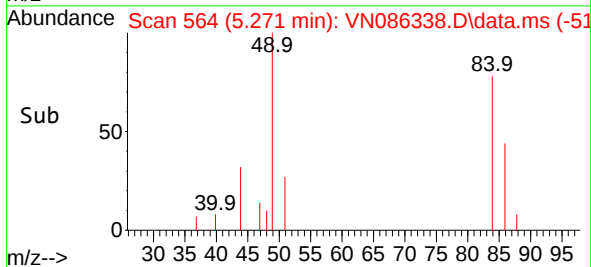
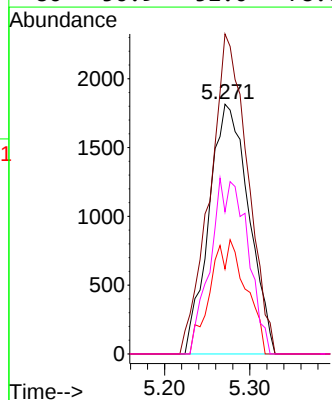
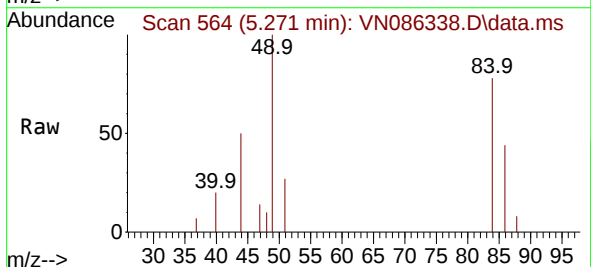
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#03

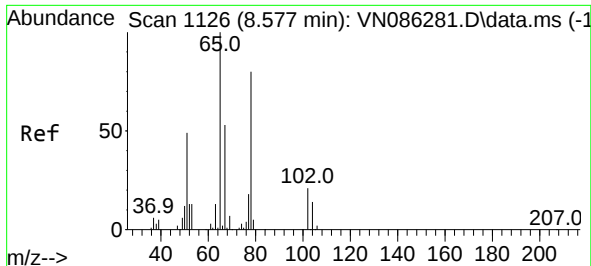
Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
74 13.1 19.8 29.6#



#20
Methylene Chloride
Concen: 2.363 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

Tgt Ion: 84 Resp: 5897
Ion Ratio Lower Upper
84 100
49 128.2 98.2 147.2
51 34.0 29.8 44.6
86 56.9 52.0 78.0

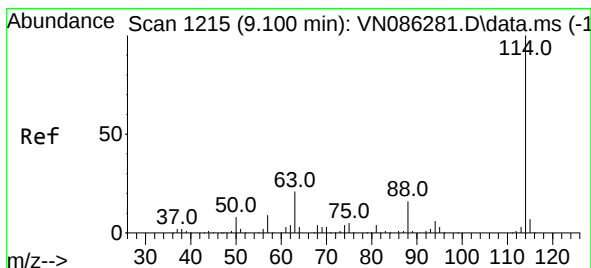
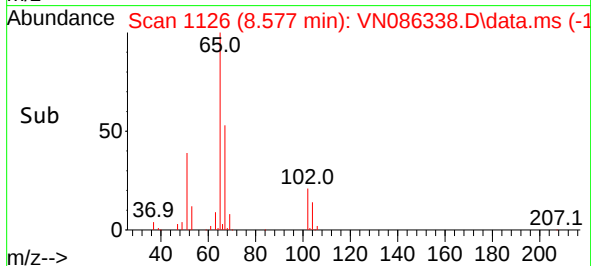
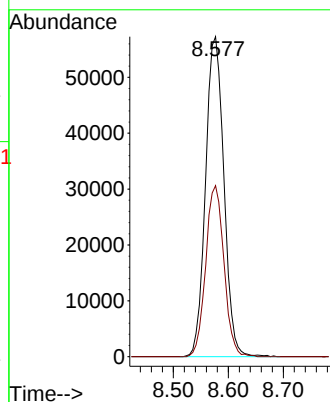
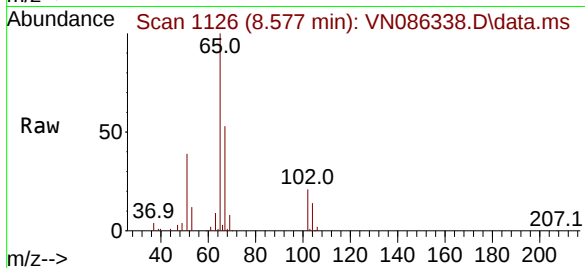




#33
 1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086338.D
 Acq: 18 Apr 2025 12:55

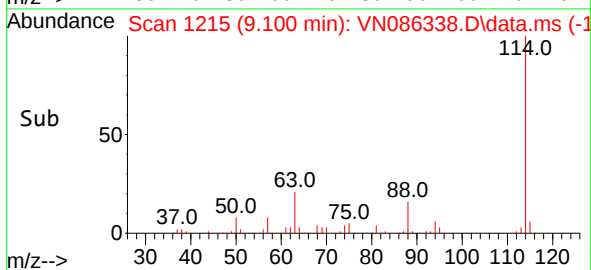
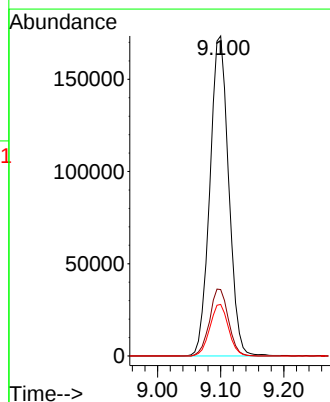
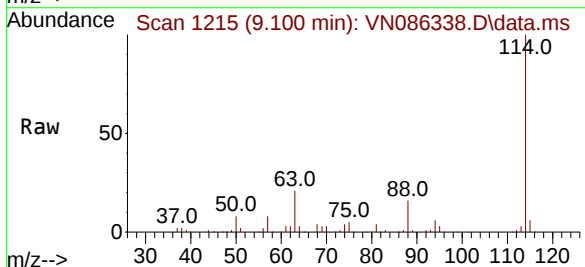
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#03

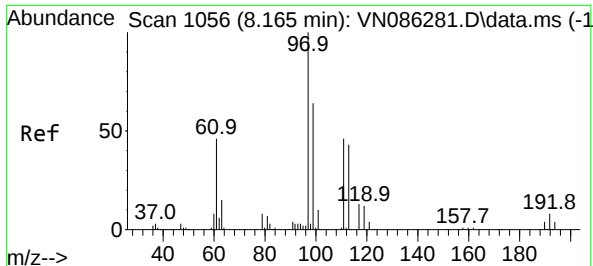
Tgt Ion: 65 Resp: 132830
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086338.D
 Acq: 18 Apr 2025 12:55

Tgt Ion: 114 Resp: 358023
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.252 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086338.D

Acq: 18 Apr 2025 12:55

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#03

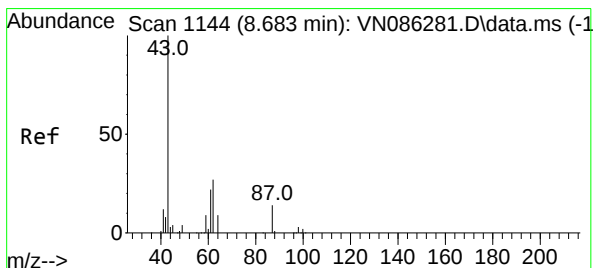
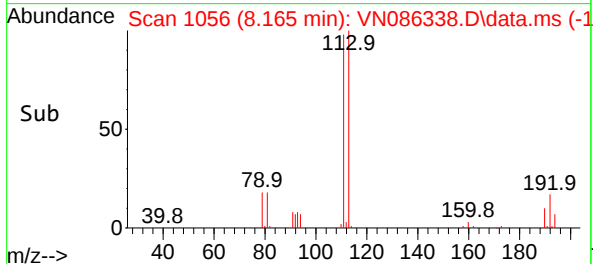
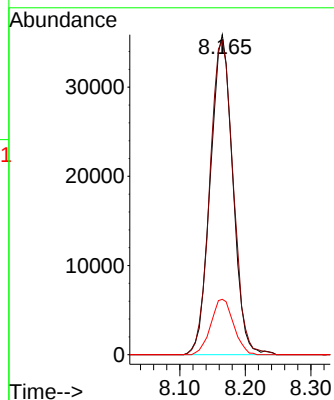
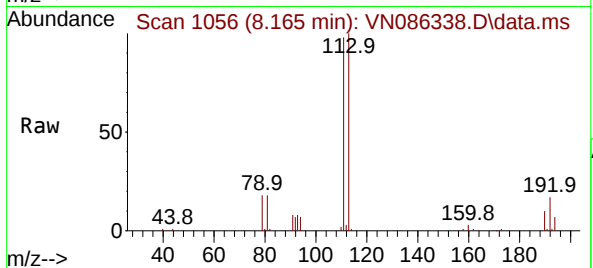
Tgt Ion:113 Resp: 85162

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

192 17.6 13.7 20.5



#43

Isopropyl Acetate

Concen: 3.540 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086338.D

Acq: 18 Apr 2025 12:55

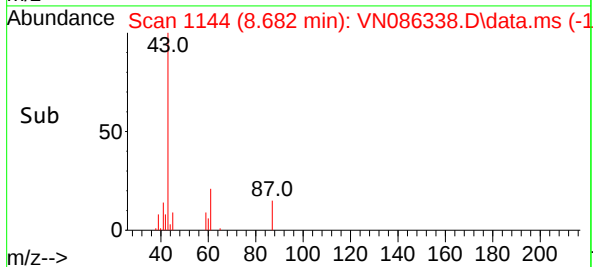
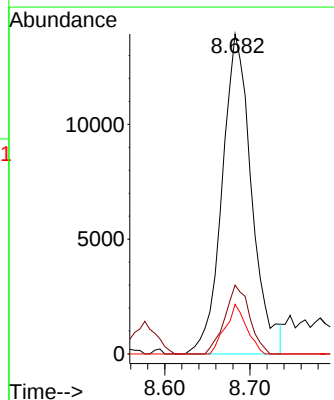
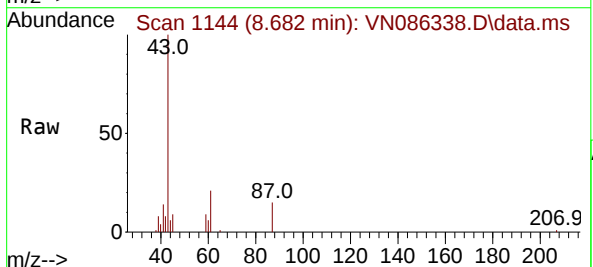
Tgt Ion: 43 Resp: 33485

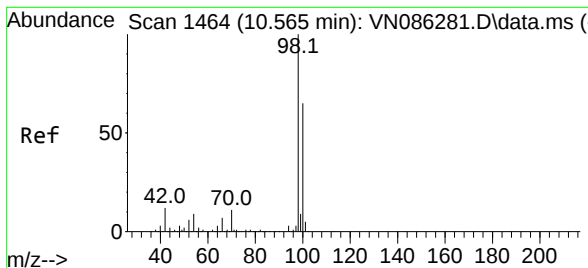
Ion Ratio Lower Upper

43 100

61 18.0 20.5 30.7#

87 11.1 10.5 15.7

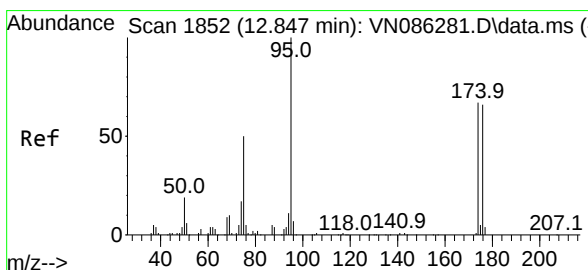
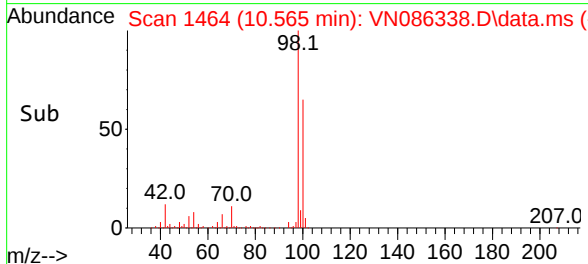
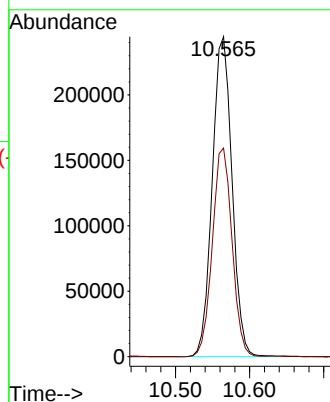
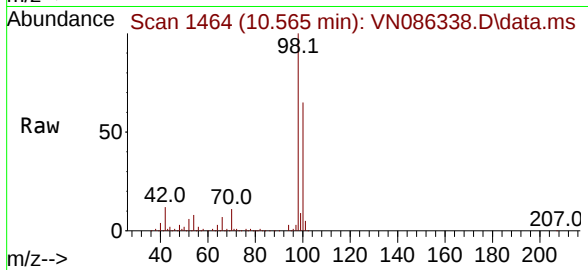




#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

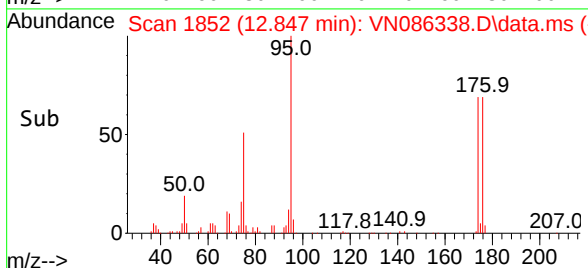
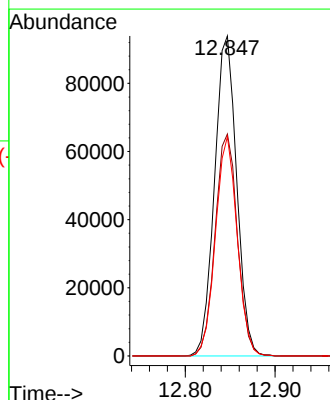
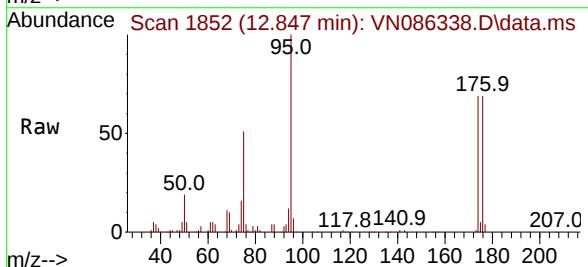
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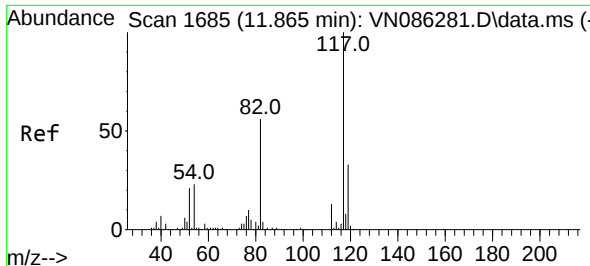
Tgt Ion: 98 Resp: 452790
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

Tgt Ion: 95 Resp: 160891
Ion Ratio Lower Upper
95 100
174 69.7 0.0 133.4
176 67.1 0.0 129.2

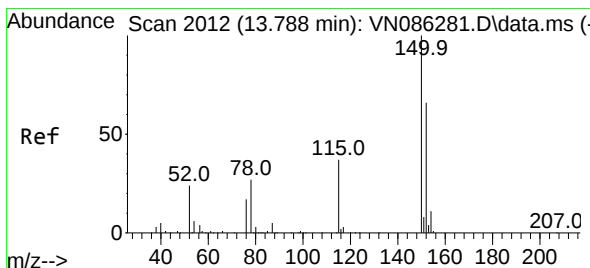
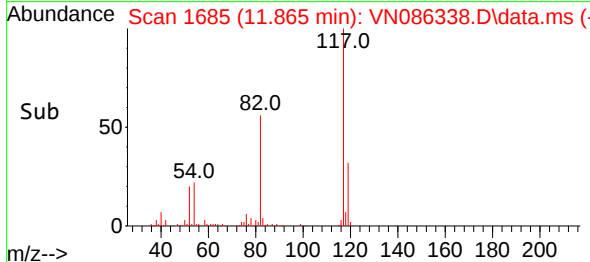
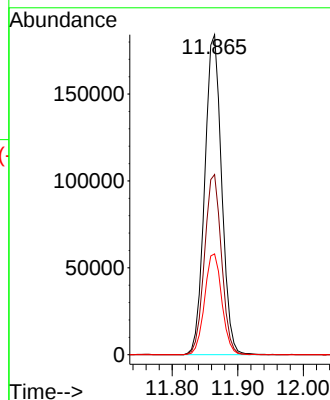
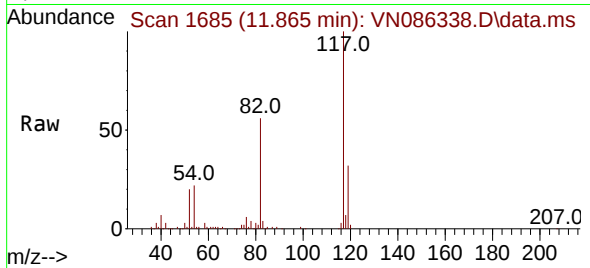




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086338.D
Acq: 18 Apr 2025 12:55

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#03

Tgt Ion:117 Resp: 330716
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.5 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: VN086338.D
Acq: 18 Apr 2025 12:55

Tgt Ion:152 Resp: 139483
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.9
150 160.0 0.0 352.0

