

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086343.D
 Acq On : 18 Apr 2025 14:55
 Operator : JC\MD
 Sample : PB167623ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#08

Quant Time: Apr 19 02:25:46 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)

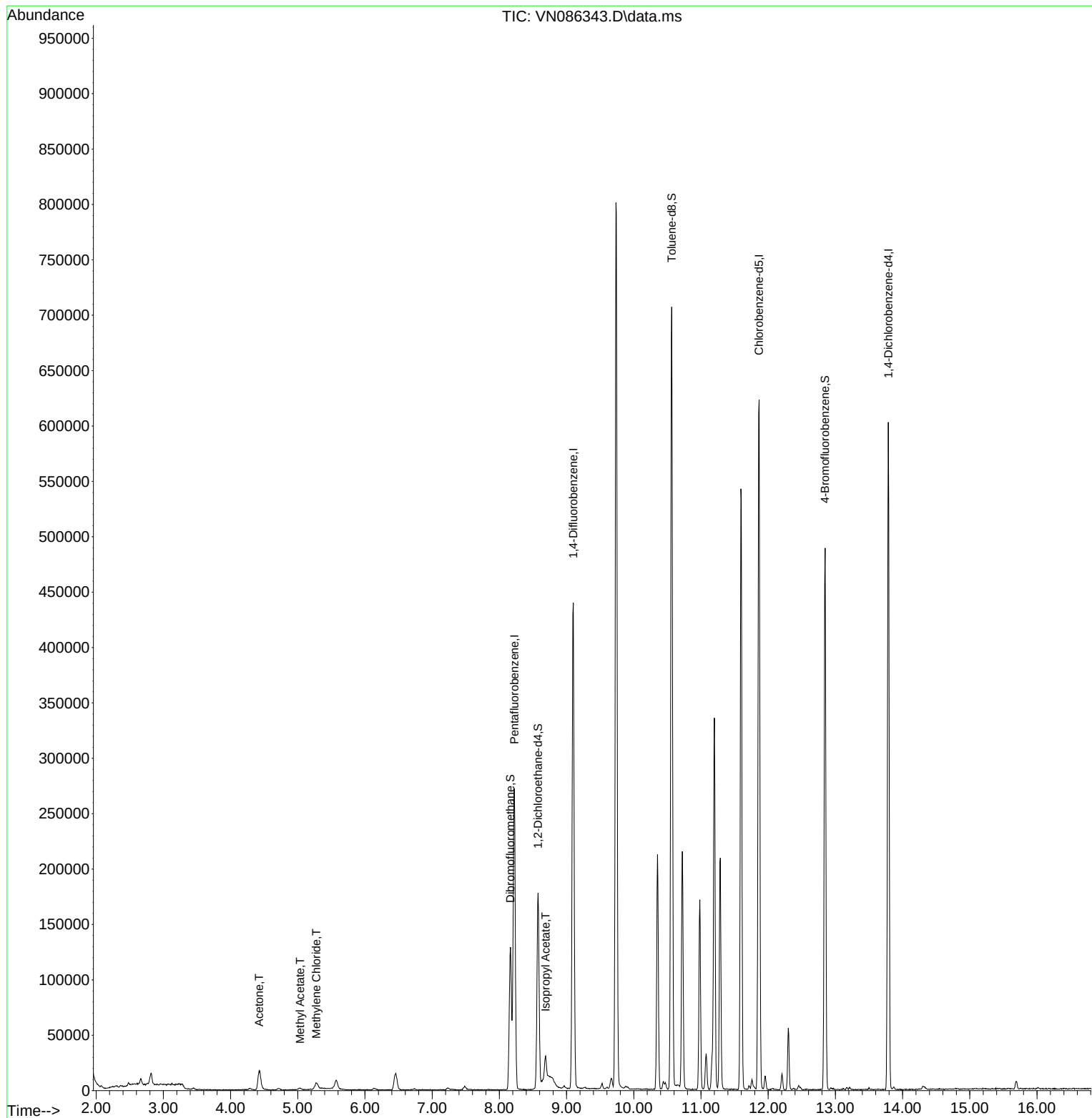
Internal Standards						
1) Pentafluorobenzene	8.224	168	200957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	387038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145569	49.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.165	113	95735	53.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	10.565	98	498811	51.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.847	95	182390	52.087	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.180%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	34626	29.331	ug/l	94
18) Methyl Acetate	5.036	43	4007	1.146	ug/l #	65
20) Methylene Chloride	5.277	84	4567	1.695	ug/l	93
43) Isopropyl Acetate	8.688	43	47226	5.195	ug/l #	76

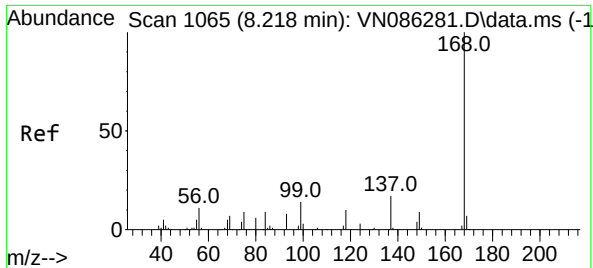
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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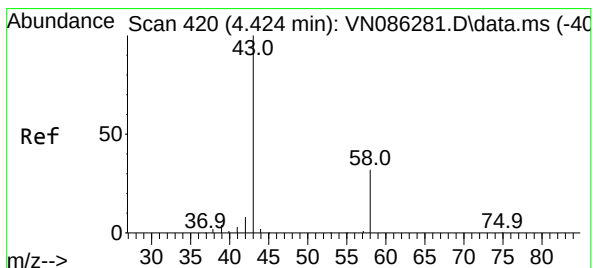
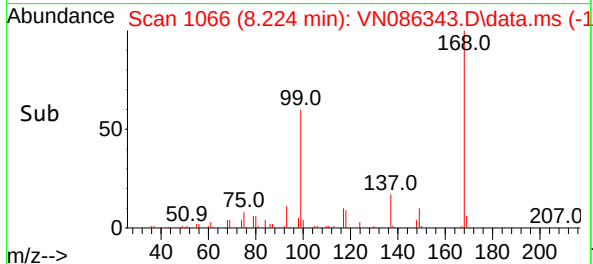
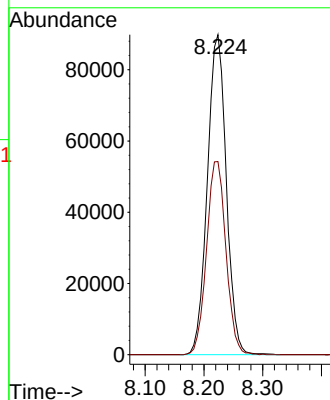
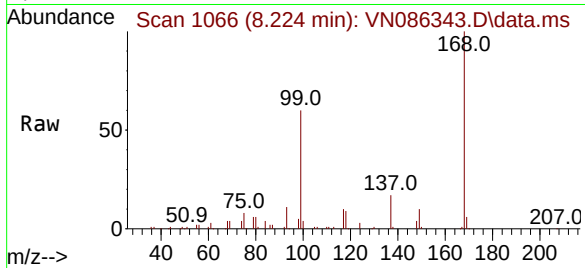




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

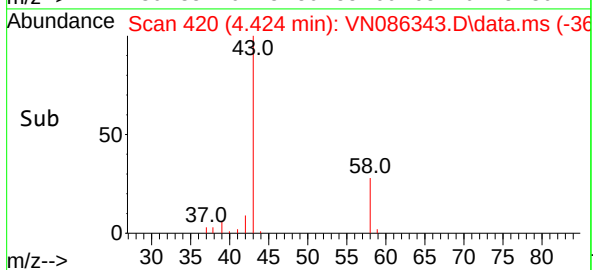
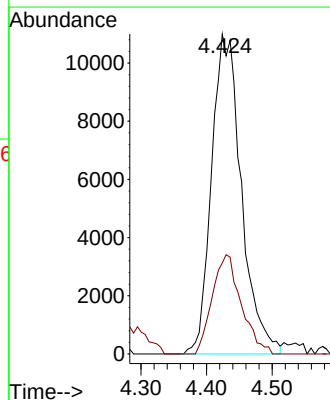
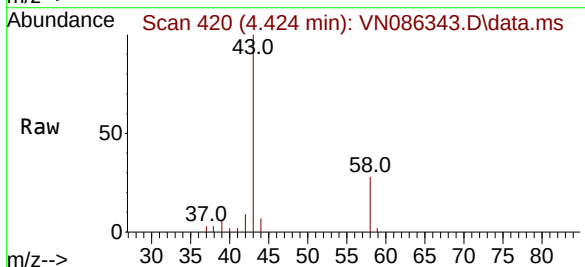
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#08

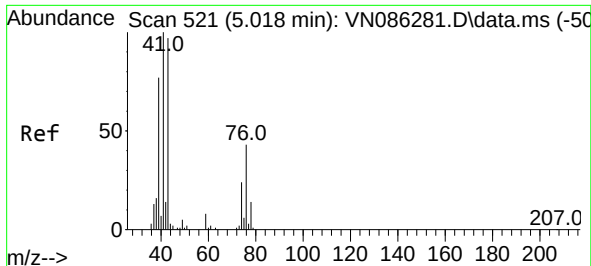
Tgt Ion:168 Resp: 200957
Ion Ratio Lower Upper
168 100
99 60.4 52.5 78.7



#16
Acetone
Concen: 29.331 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

Tgt Ion: 43 Resp: 34626
Ion Ratio Lower Upper
43 100
58 28.5 25.3 37.9

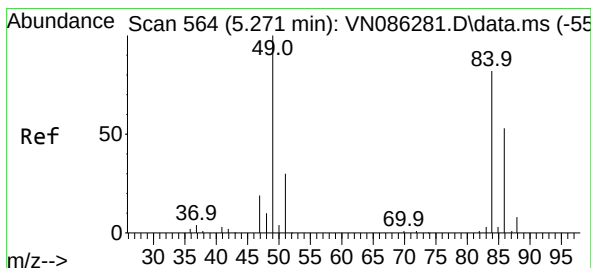
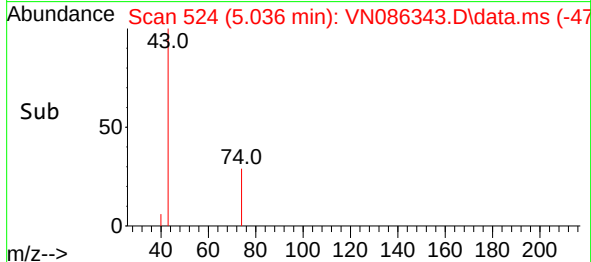
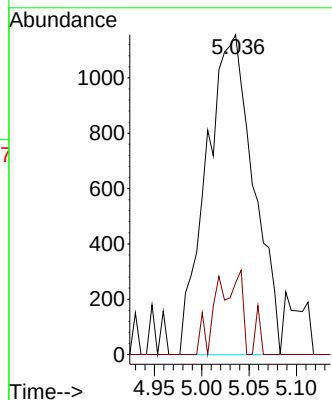
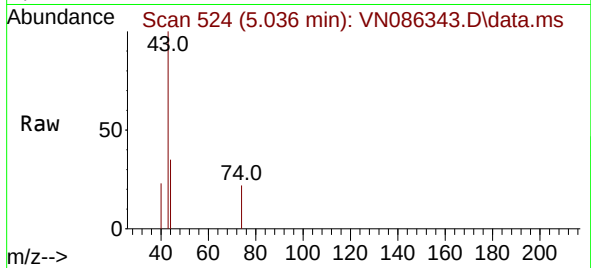




#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

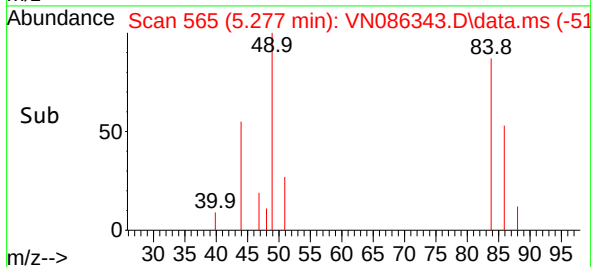
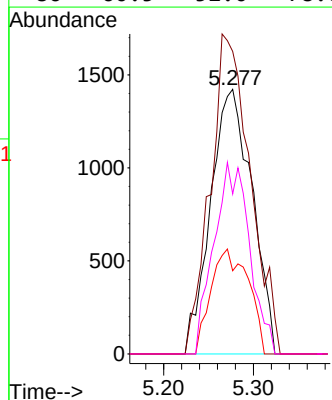
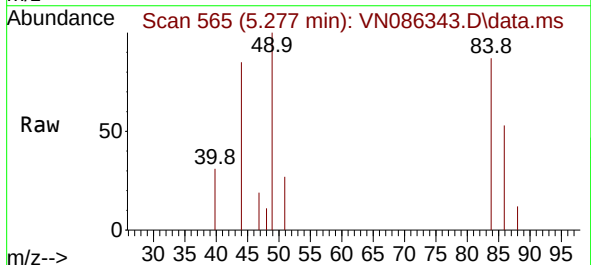
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#08

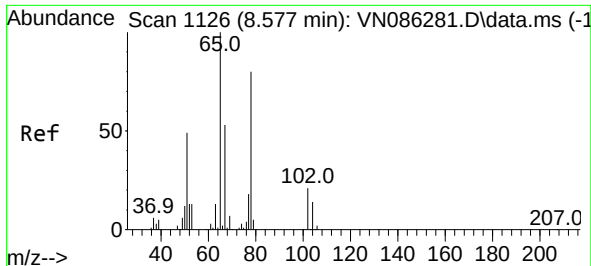
Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
74 7.1 19.8 29.6#



#20
Methylene Chloride
Concen: 1.695 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

Tgt Ion: 84 Resp: 4567
Ion Ratio Lower Upper
84 100
49 114.3 98.2 147.2
51 31.4 29.8 44.6
86 60.5 52.0 78.0

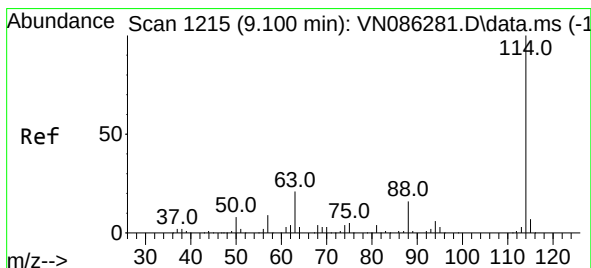
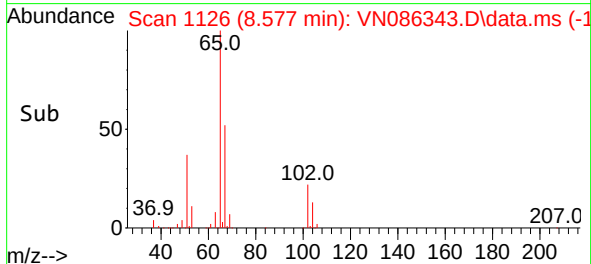
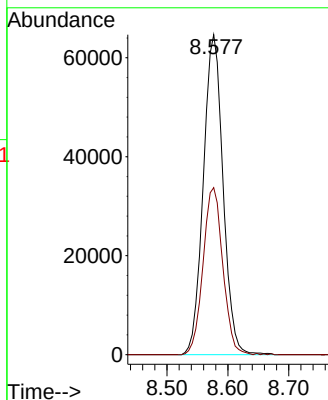
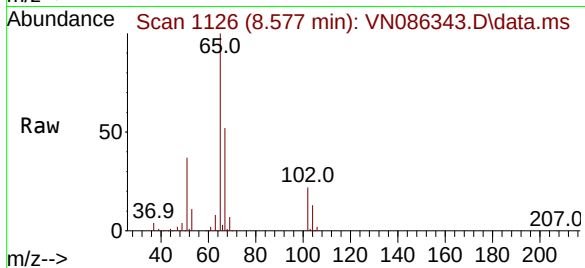




#33
 1,2-Dichloroethane-d4
 Concen: 49.954 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN086343.D
 Acq: 18 Apr 2025 14:55

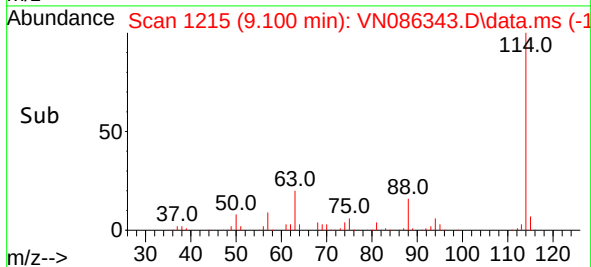
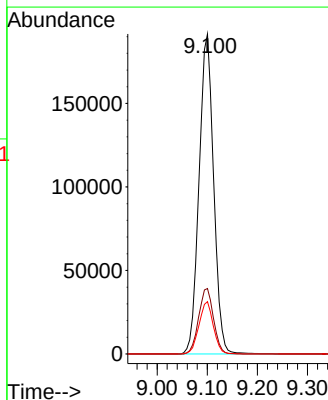
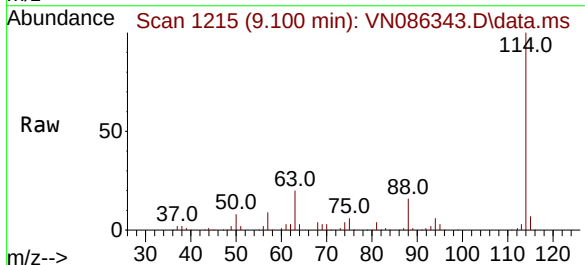
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#08

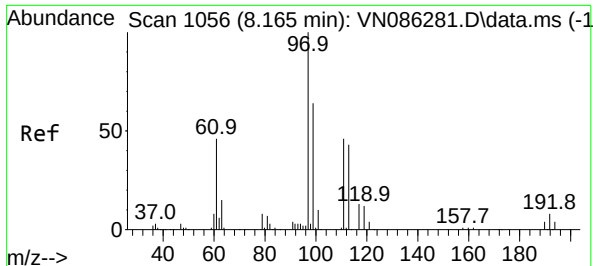
Tgt Ion: 65 Resp: 145569
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN086343.D
 Acq: 18 Apr 2025 14:55

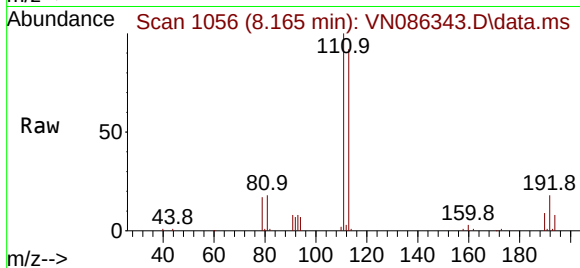
Tgt Ion: 114 Resp: 387038
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 16.4 0.0 31.8



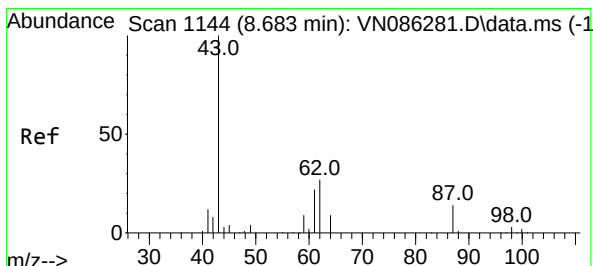
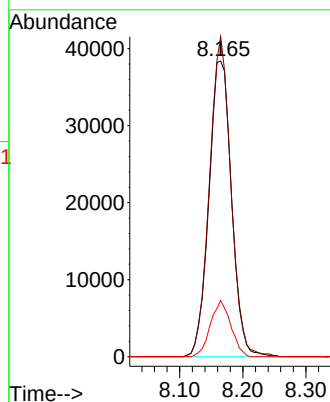
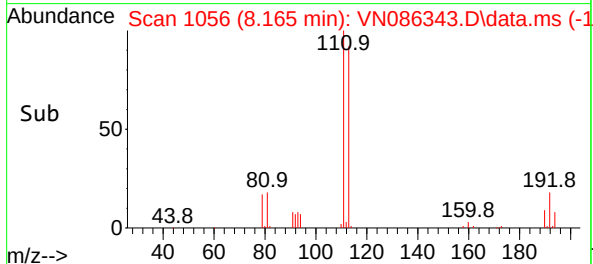


#35
 Dibromofluoromethane
 Concen: 53.296 ug/l
 RT: 8.165 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VN086343.D
 Acq: 18 Apr 2025 14:55

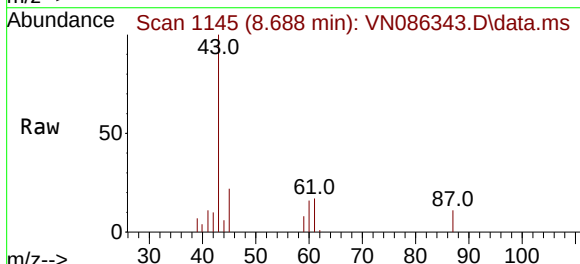
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#08



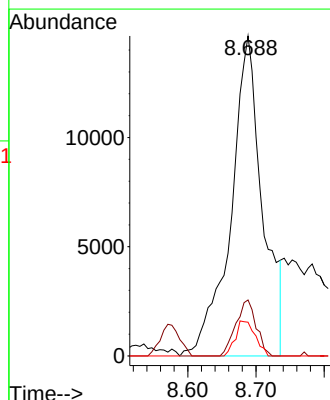
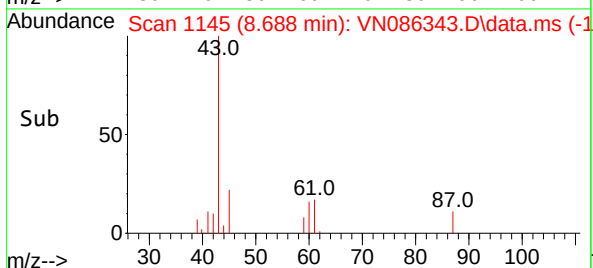
Tgt Ion:113 Resp: 95735
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.0
 192 17.1 13.7 20.5

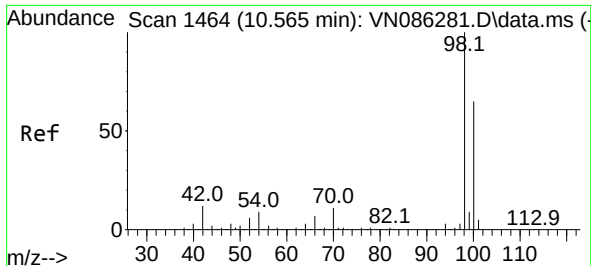


#43
 Isopropyl Acetate
 Concen: 5.195 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.005 min
 Lab File: VN086343.D
 Acq: 18 Apr 2025 14:55



Tgt Ion: 43 Resp: 47226
 Ion Ratio Lower Upper
 43 100
 61 11.3 20.5 30.7#
 87 6.8 10.5 15.7#

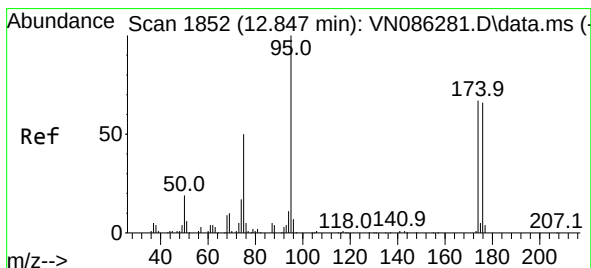
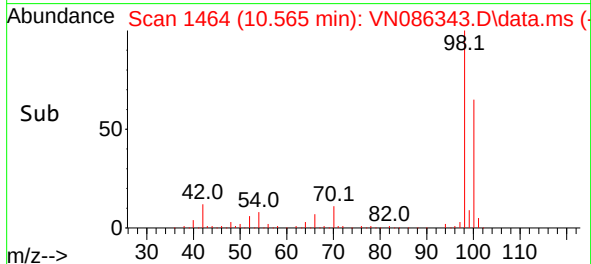
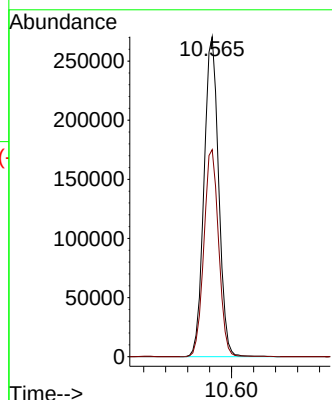
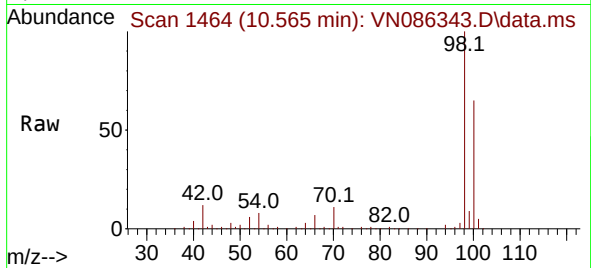




#50
Toluene-d8
Concen: 51.958 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

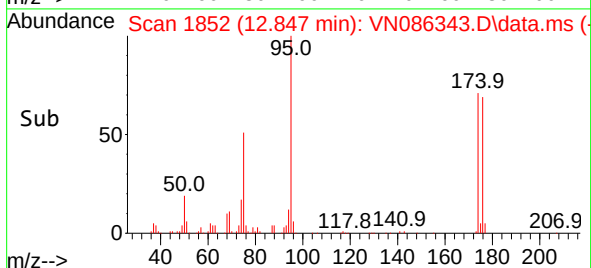
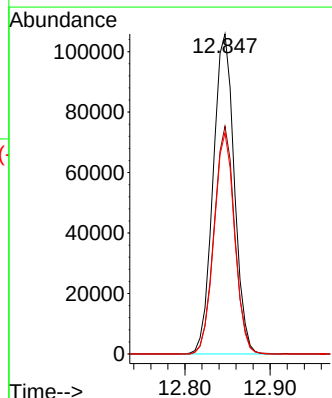
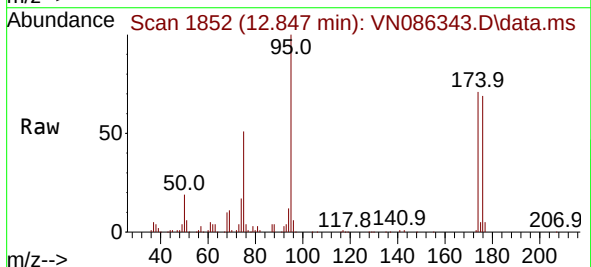
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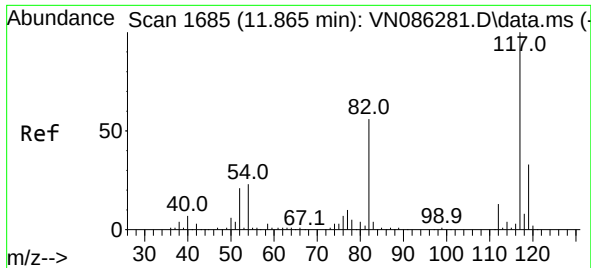
Tgt Ion: 98 Resp: 498811
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.087 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086343.D
Acq: 18 Apr 2025 14:55

Tgt Ion: 95 Resp: 182390
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 66.9 0.0 129.2

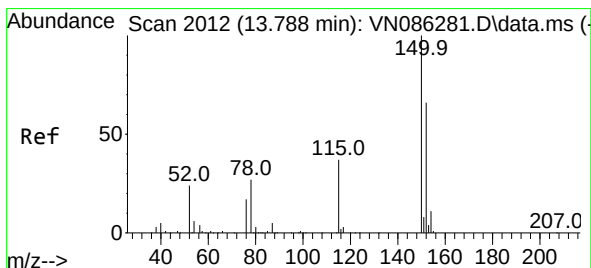
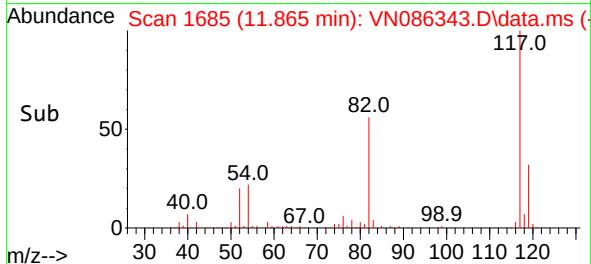
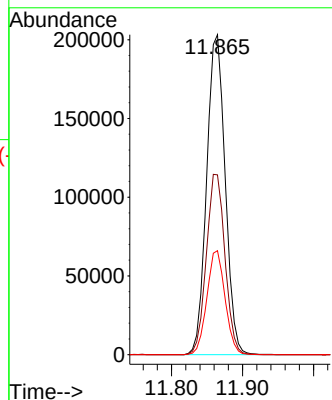
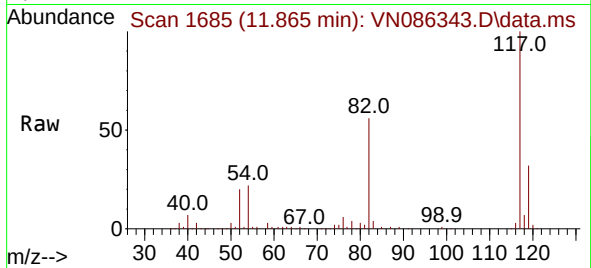




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086343.D
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Instrument :
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Tgt Ion:117 Resp: 368358
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 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: VN086343.D
Acq: 18 Apr 2025 14:55

Tgt Ion:152 Resp: 162236
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.9
150 157.2 0.0 352.0

