

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086349.D
 Acq On : 18 Apr 2025 17:20
 Operator : JC\MD
 Sample : PB167623ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#14

Quant Time: Apr 19 02:28:39 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)

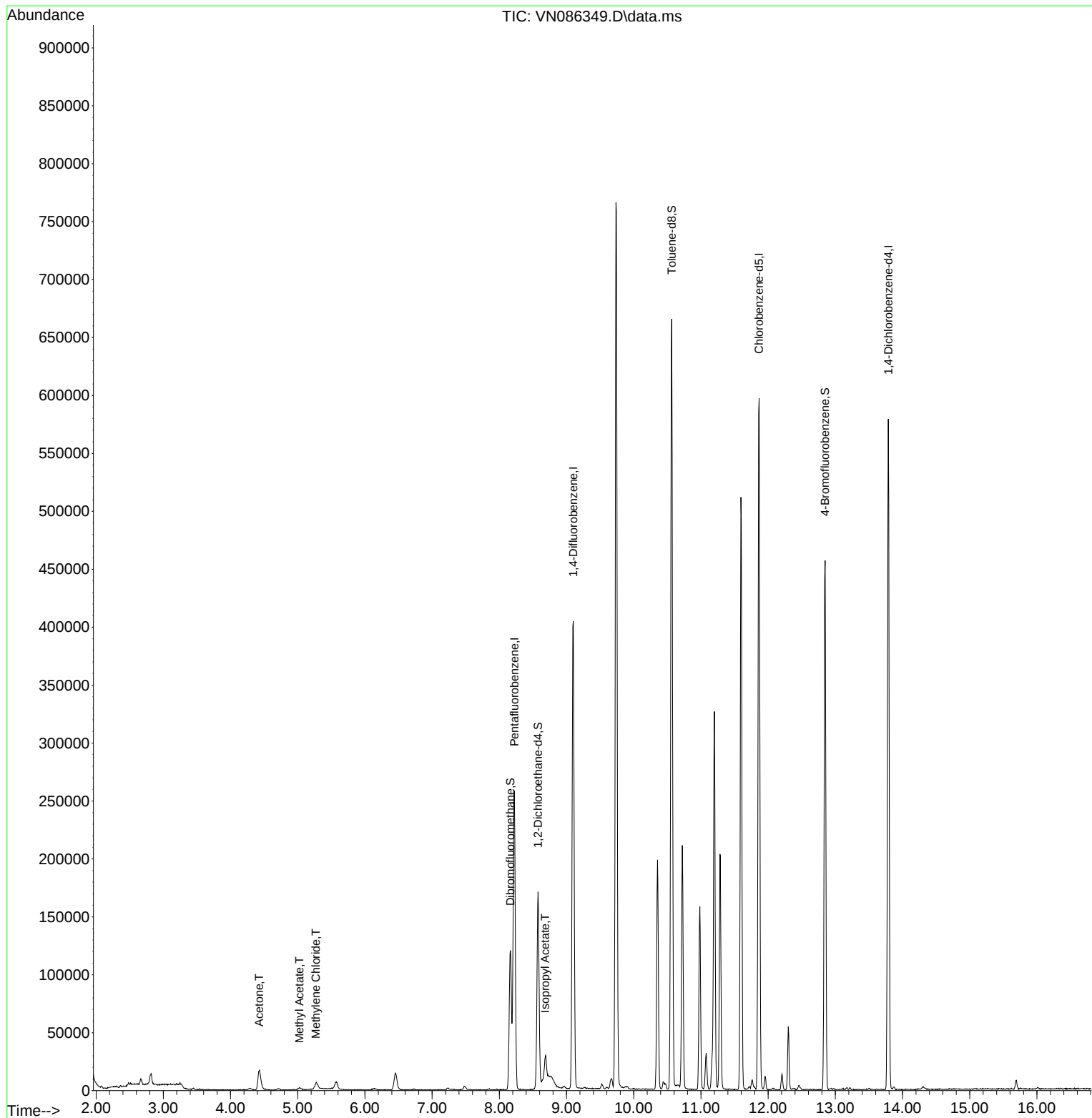
Internal Standards						
1) Pentafluorobenzene	8.224	168	189582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138364	50.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	8.165	113	90950	53.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.520%	
50) Toluene-d8	10.565	98	468518	51.814	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.847	95	173133	52.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	34711	31.532	ug/l	95
18) Methyl Acetate	5.024	43	4264	1.292	ug/l #	66
20) Methylene Chloride	5.271	84	4491	1.767	ug/l	94
43) Isopropyl Acetate	8.683	43	47483	5.673	ug/l #	74

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

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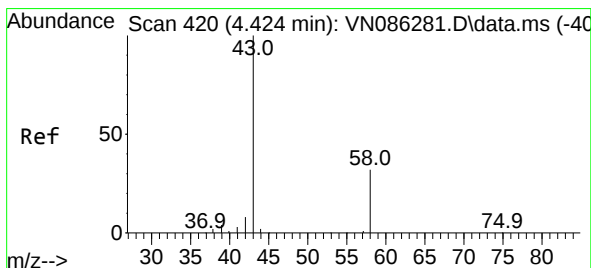
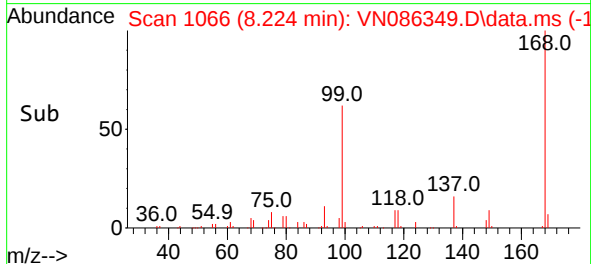
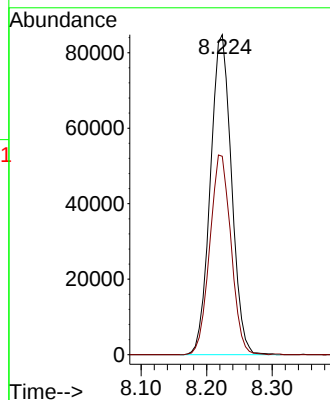
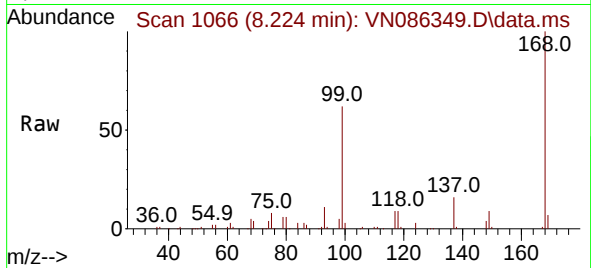




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

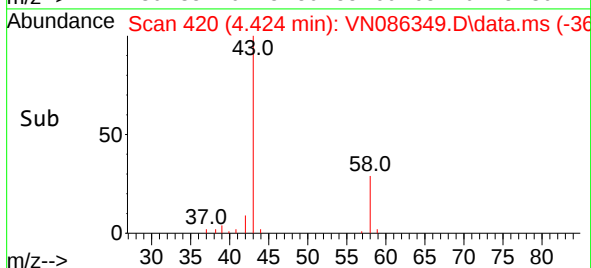
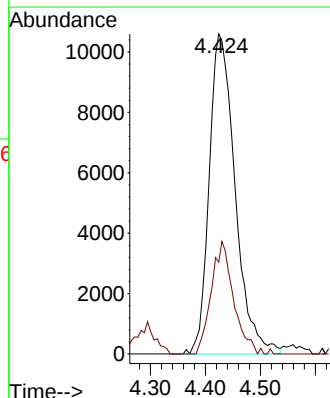
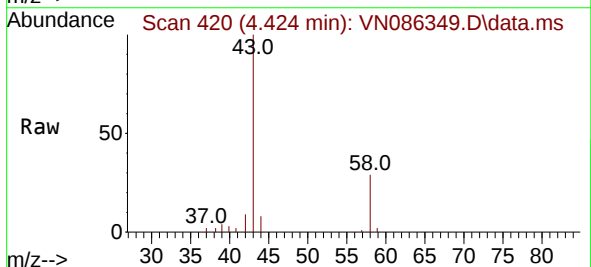
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#14

Tgt Ion:168 Resp: 189582
Ion Ratio Lower Upper
168 100
99 62.0 52.5 78.7



#16
Acetone
Concen: 31.532 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

Tgt Ion: 43 Resp: 34711
Ion Ratio Lower Upper
43 100
58 28.7 25.3 37.9

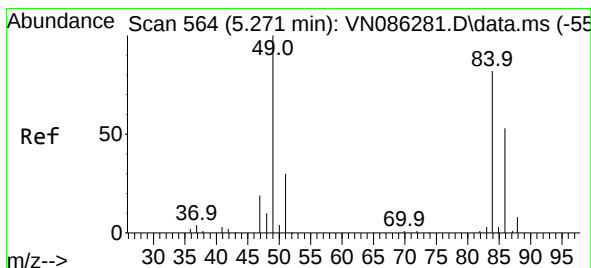
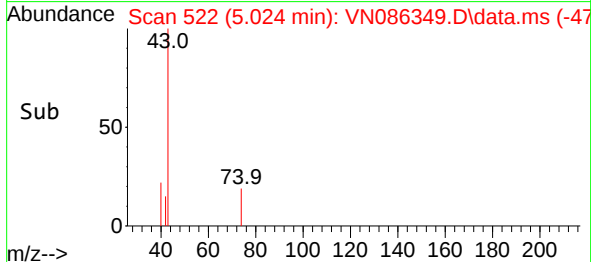
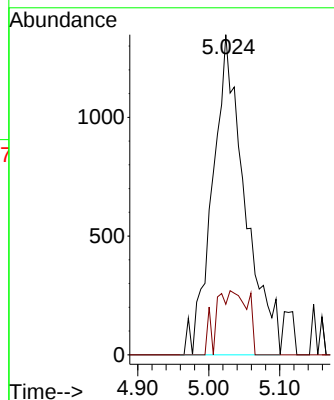
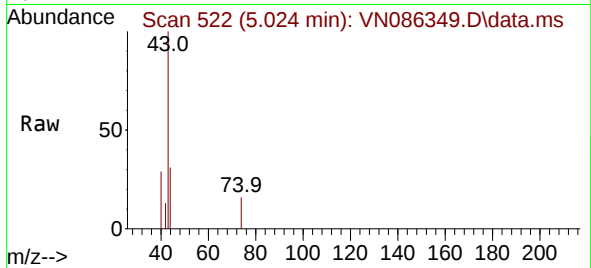




#18
Methyl Acetate
Concen: 1.292 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

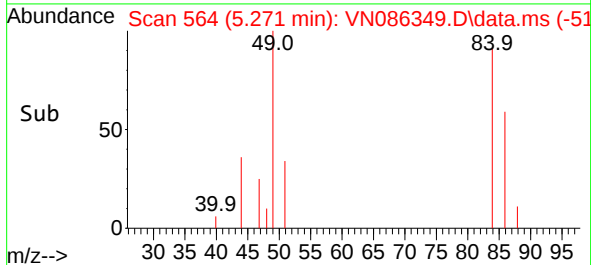
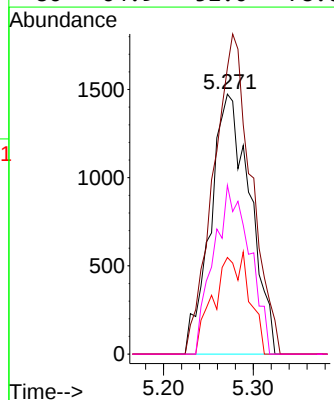
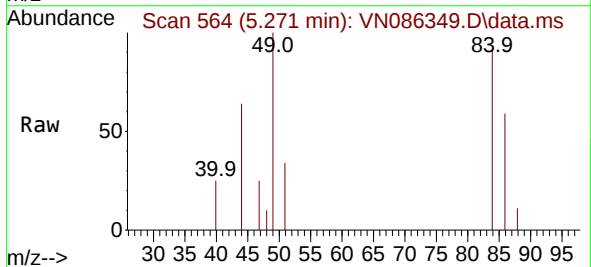
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#14

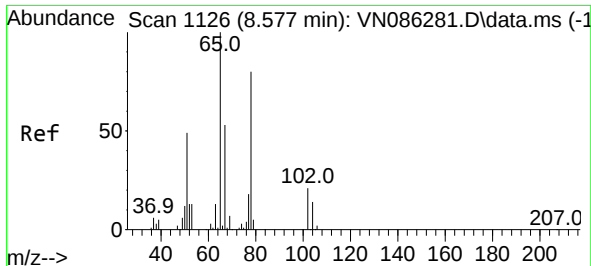
Tgt Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
74 7.6 19.8 29.6#



#20
Methylene Chloride
Concen: 1.767 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

Tgt Ion: 84 Resp: 4491
Ion Ratio Lower Upper
84 100
49 110.1 98.2 147.2
51 37.2 29.8 44.6
86 64.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.331 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086349.D

Acq: 18 Apr 2025 17:20

Instrument :

MSVOA_N

ClientSampleId :

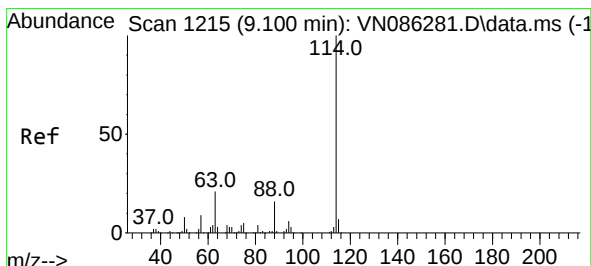
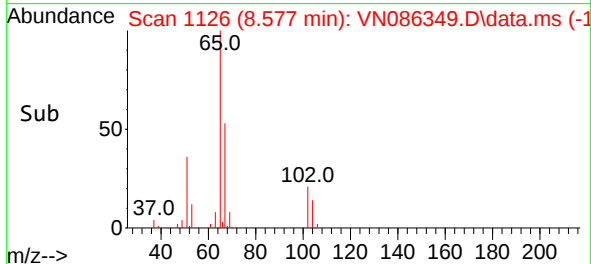
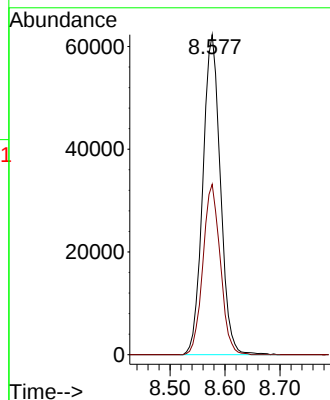
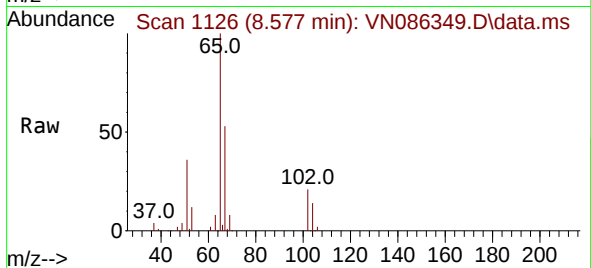
PB167623ZHE#14

Tgt Ion: 65 Resp: 138364

Ion Ratio Lower Upper

65 100

67 52.5 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: VN086349.D

Acq: 18 Apr 2025 17:20

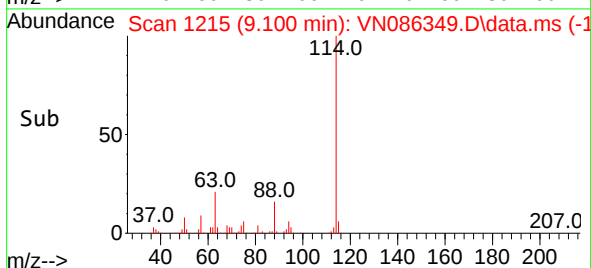
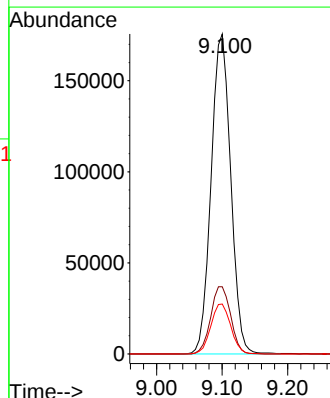
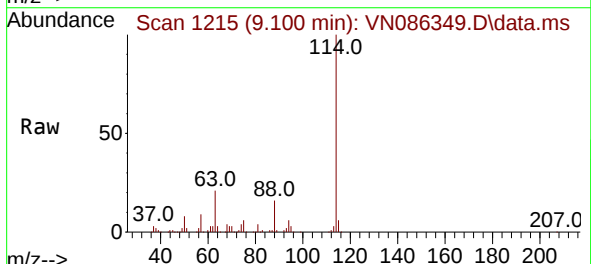
Tgt Ion: 114 Resp: 364544

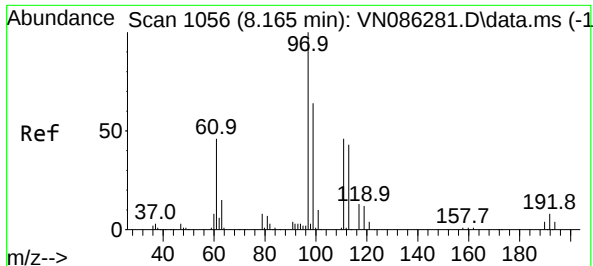
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.6 0.0 31.8

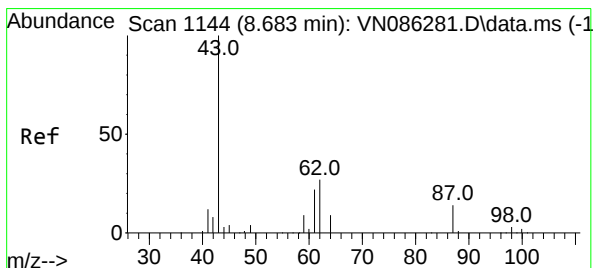
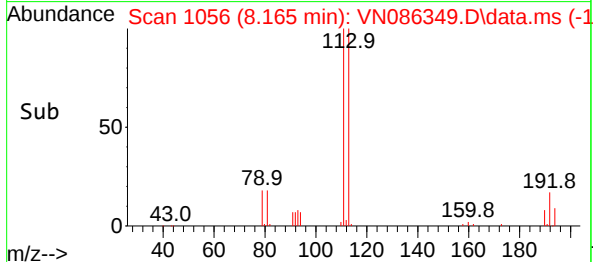
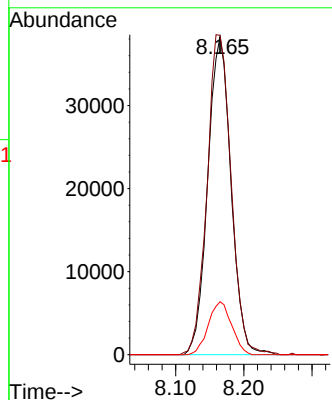
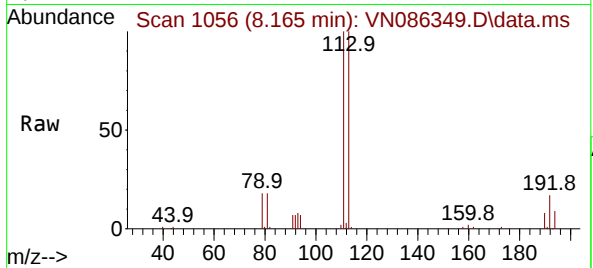




#35
Dibromofluoromethane
Concen: 53.756 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

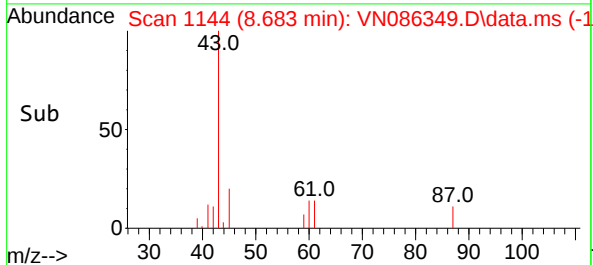
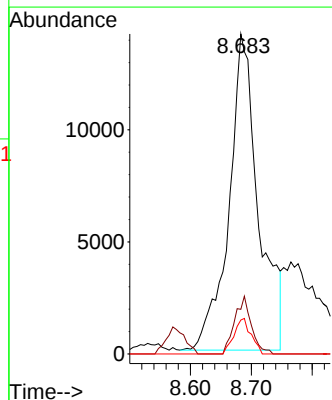
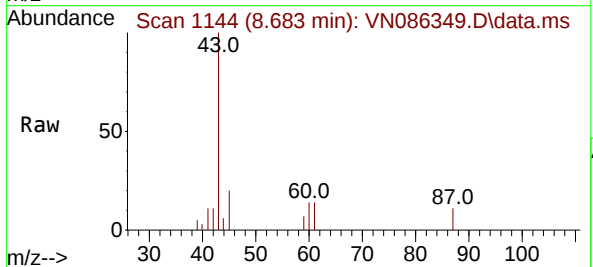
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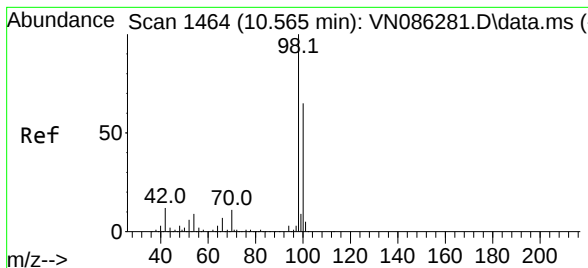
Tgt Ion:113 Resp: 90950
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 16.6 13.7 20.5



#43
Isopropyl Acetate
Concen: 5.673 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

Tgt Ion: 43 Resp: 47483
Ion Ratio Lower Upper
43 100
61 10.4 20.5 30.7#
87 6.4 10.5 15.7#

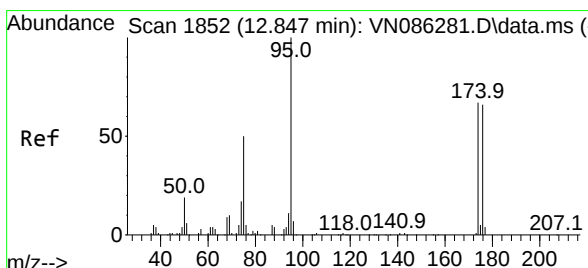
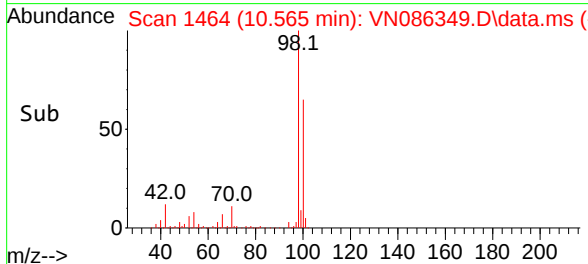
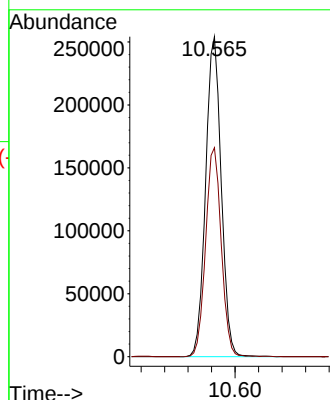
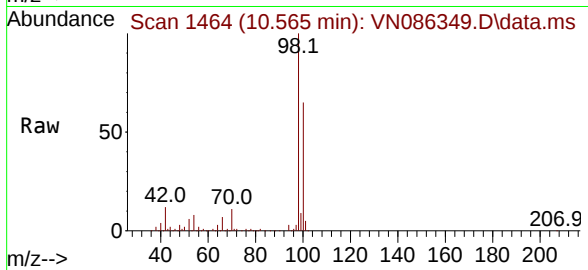




#50
Toluene-d8
Concen: 51.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

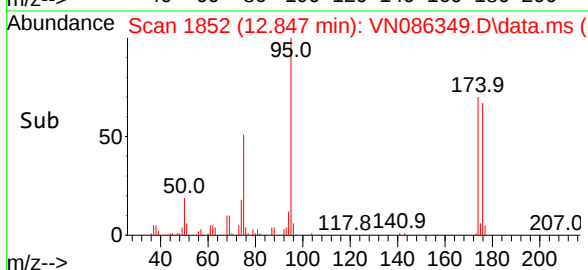
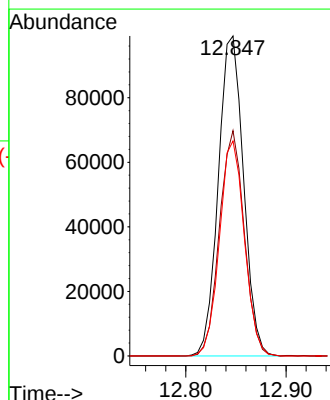
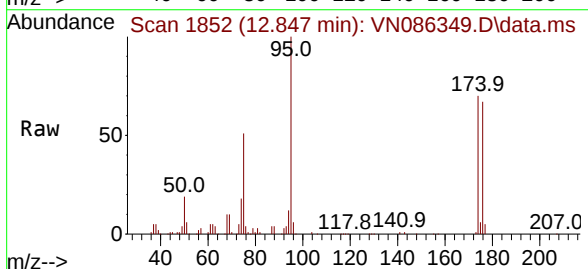
Instrument :
MSVOA_N
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PB167623ZHE#14

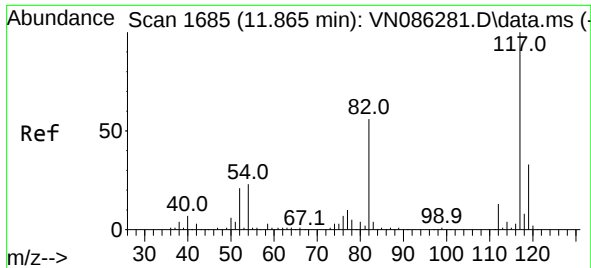
Tgt Ion: 98 Resp: 468518
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.495 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

Tgt Ion: 95 Resp: 173133
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 66.4 0.0 129.2

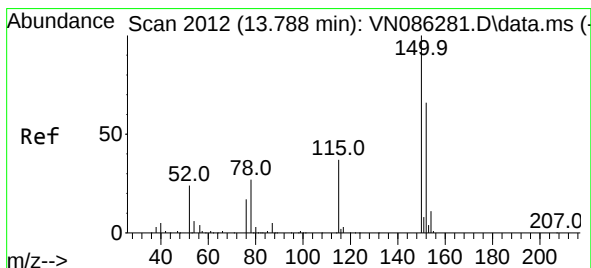
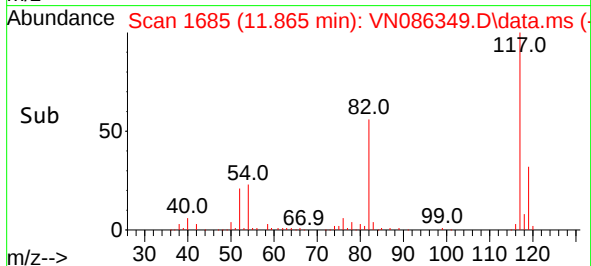
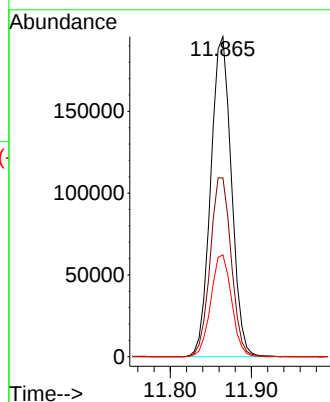
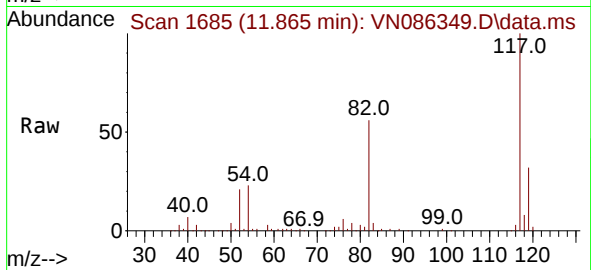




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086349.D
Acq: 18 Apr 2025 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#14

Tgt Ion:117 Resp: 346752
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.8 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: VN086349.D
Acq: 18 Apr 2025 17:20

Tgt Ion:152 Resp: 155070
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.9
150 158.3 0.0 352.0

