

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086407.D
 Acq On : 28 Apr 2025 13:33
 Operator : JC\MD
 Sample : PB167744ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#04

Quant Time: Apr 29 01:52:14 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)

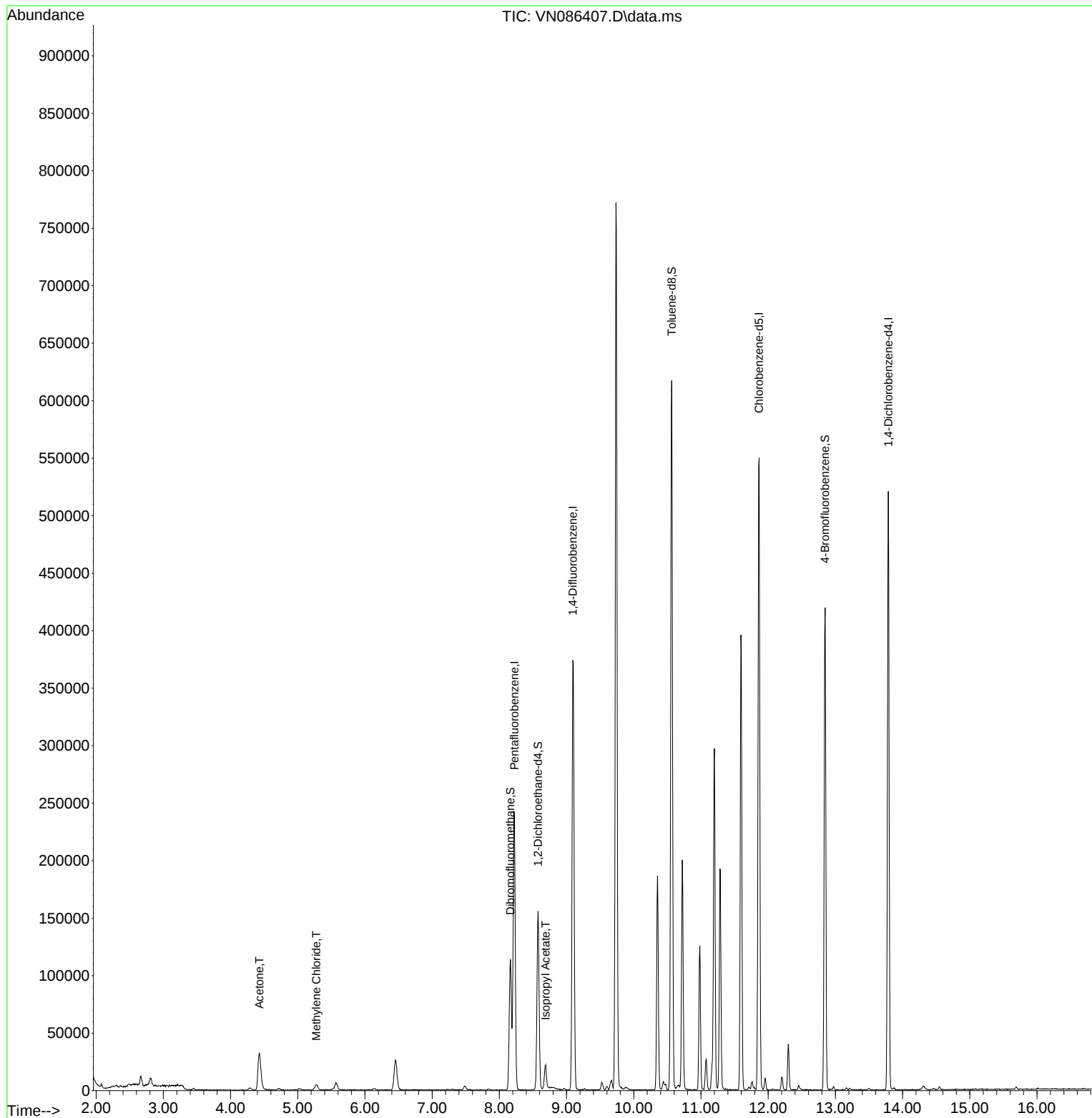
Internal Standards						
1) Pentafluorobenzene	8.224	168	178391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	342039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126166	48.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.540%		
35) Dibromofluoromethane	8.165	113	83710	52.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.460%		
50) Toluene-d8	10.565	98	432273	50.951	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.847	95	155413	50.222	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.440%		
Target Compounds						
16) Acetone	4.430	43	65673	69.304	ug/l	99
20) Methylene Chloride	5.277	84	4012	1.678	ug/l #	87
43) Isopropyl Acetate	8.688	43	25904	2.508	ug/l #	89

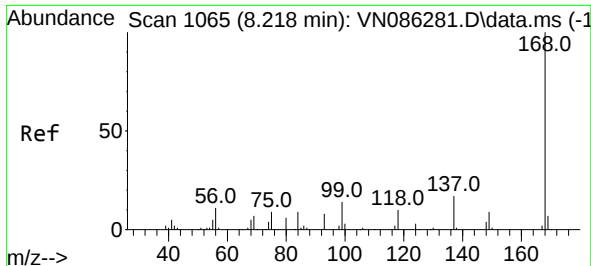
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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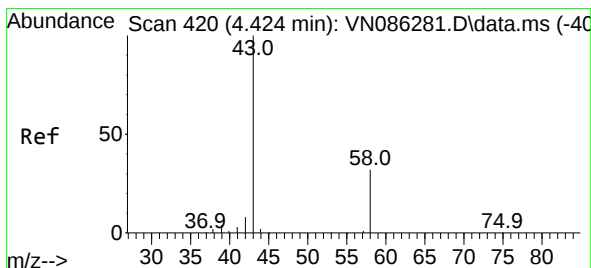
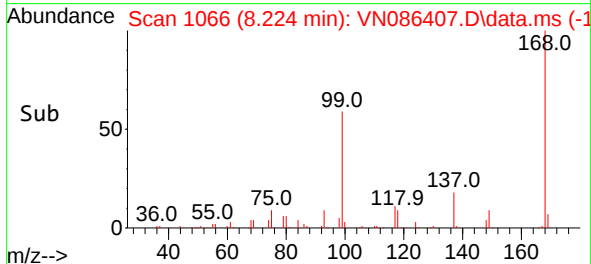
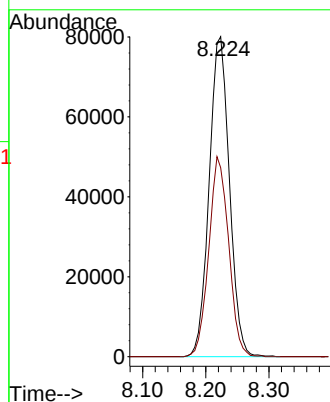
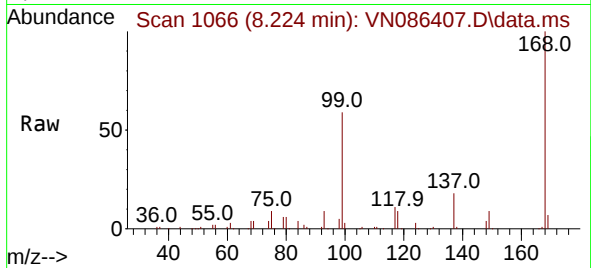




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

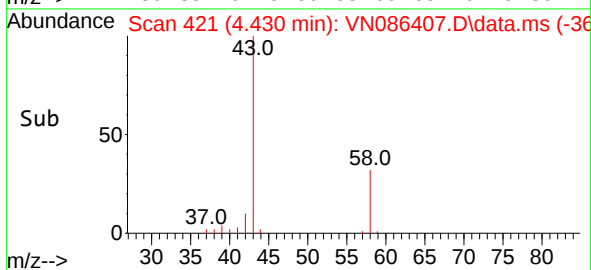
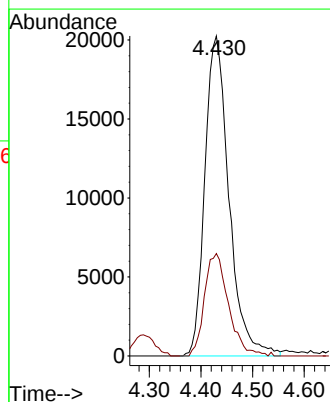
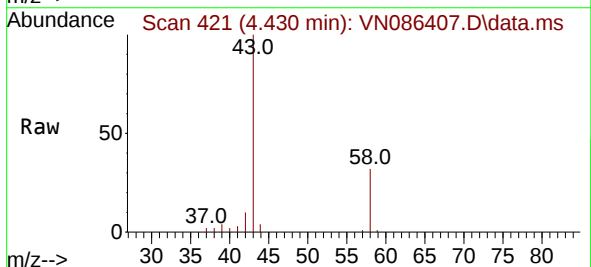
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#04

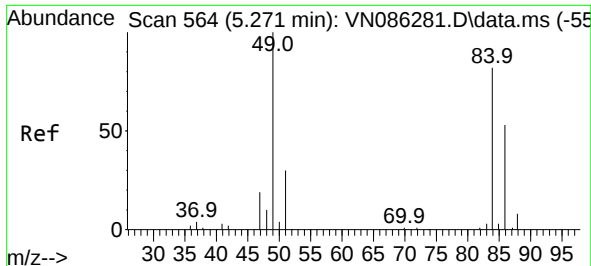
Tgt Ion:168 Resp: 178391
Ion Ratio Lower Upper
168 100
99 59.0 52.5 78.7



#16
Acetone
Concen: 69.304 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

Tgt Ion: 43 Resp: 65673
Ion Ratio Lower Upper
43 100
58 32.0 25.3 37.9

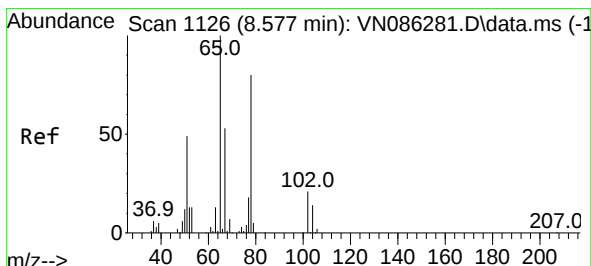
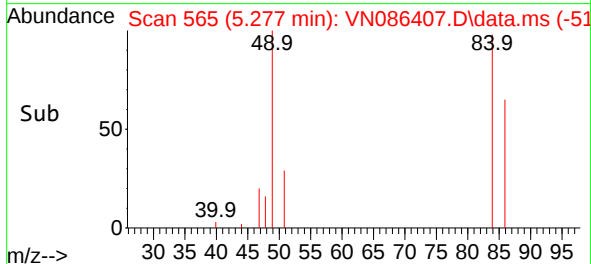
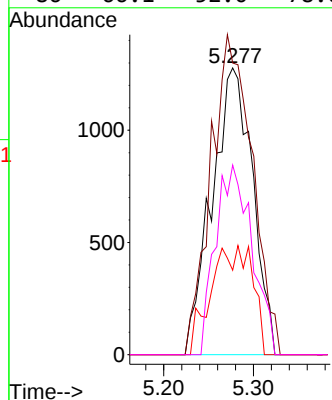
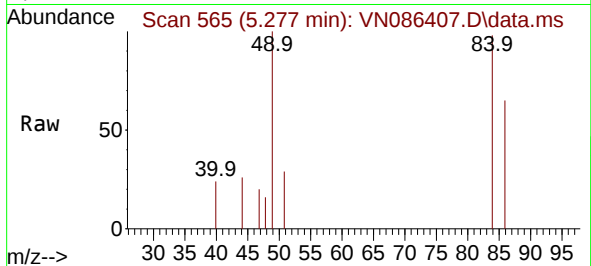




#20
Methylene Chloride
Concen: 1.678 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

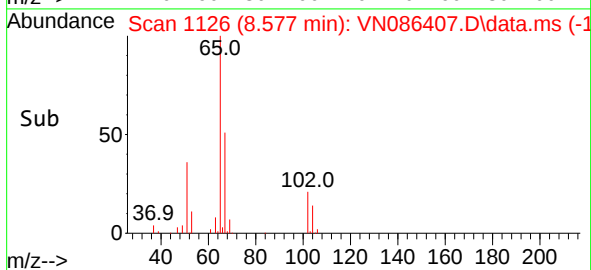
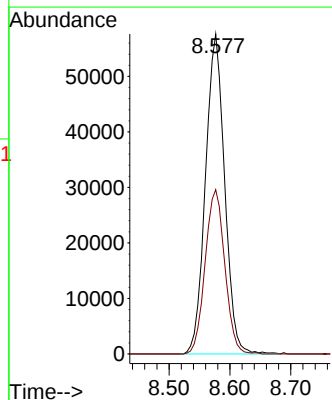
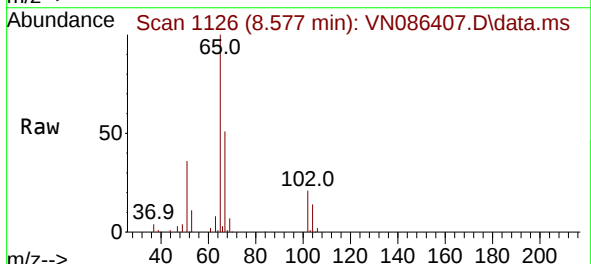
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#04

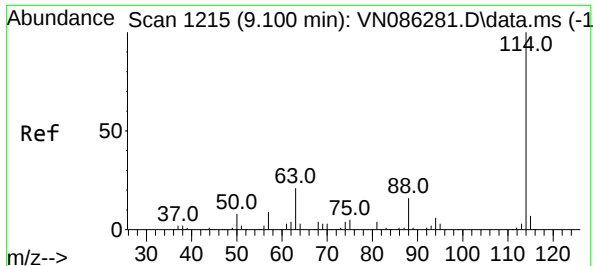
Tgt Ion:	84	Resp:	4012
Ion	Ratio	Lower	Upper
84	100		
49	101.7	98.2	147.2
51	29.4	29.8	44.6#
86	66.1	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 48.772 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

Tgt Ion:	65	Resp:	126166
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.0

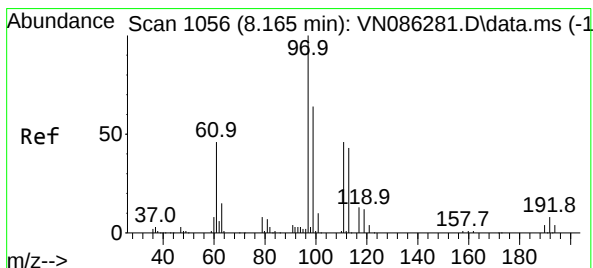
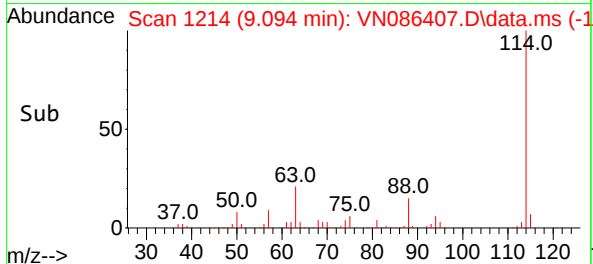
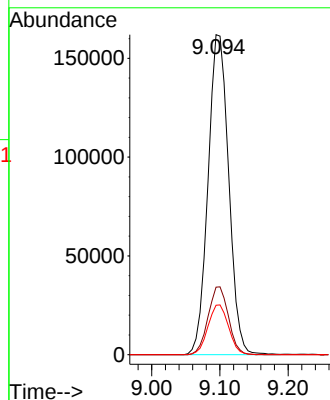
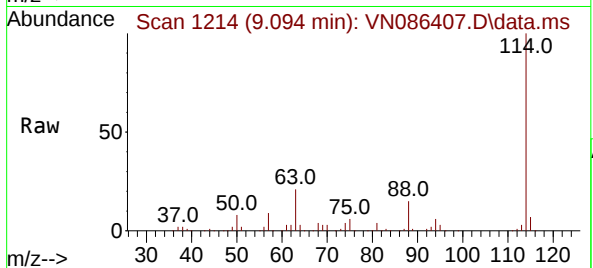




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

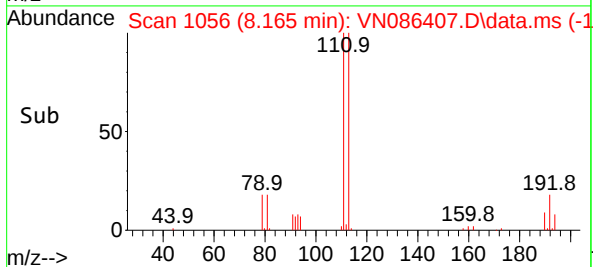
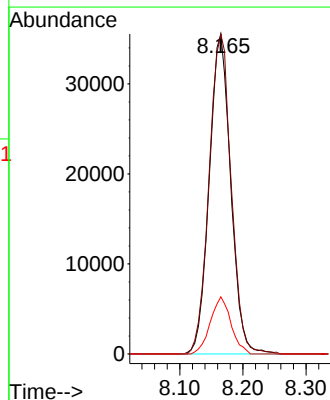
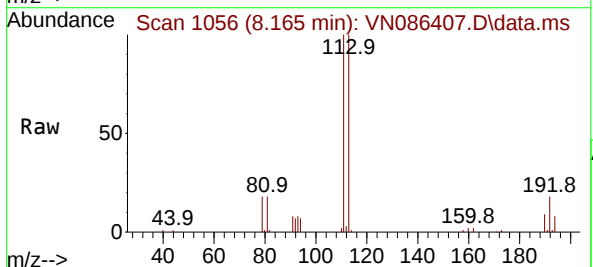
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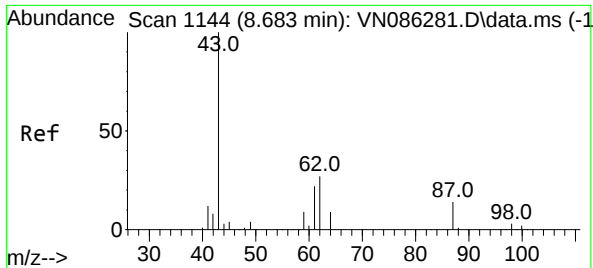
Tgt Ion:114 Resp: 342039
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.732 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

Tgt Ion:113 Resp: 83710
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 17.2 13.7 20.5

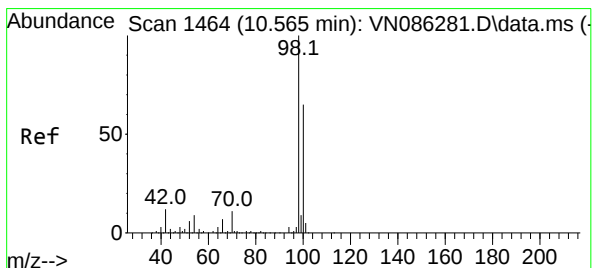
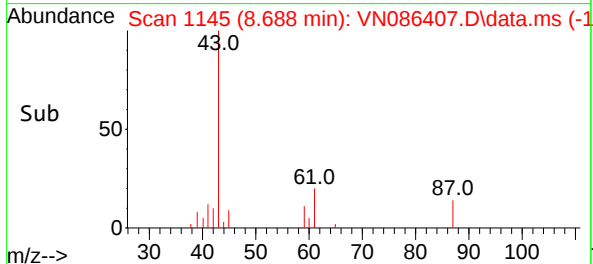
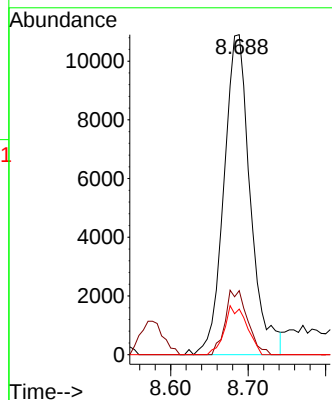
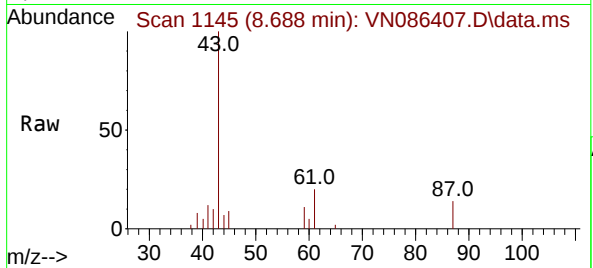




#43
Isopropyl Acetate
Concen: 2.508 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

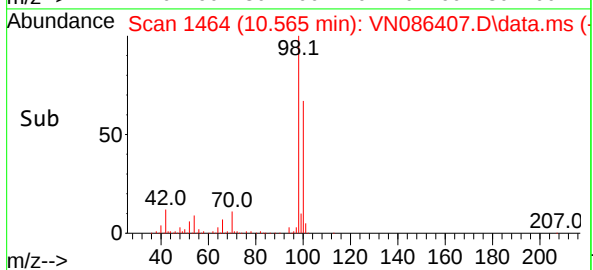
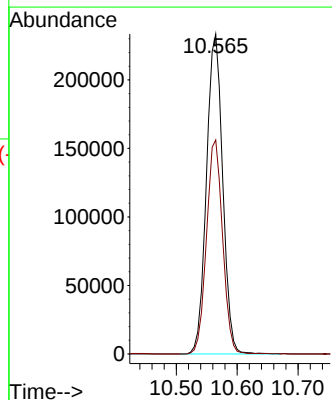
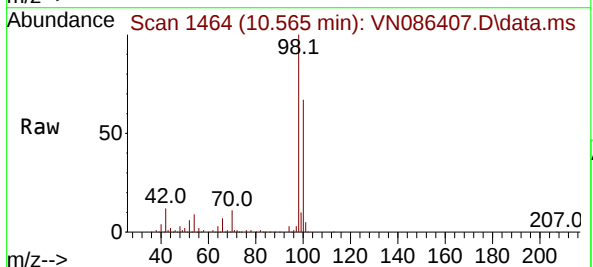
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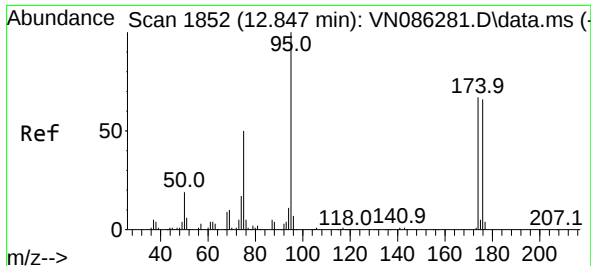
Tgt Ion: 43 Resp: 25904
Ion Ratio Lower Upper
43 100
61 17.0 20.5 30.7#
87 12.9 10.5 15.7



#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

Tgt Ion: 98 Resp: 432273
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

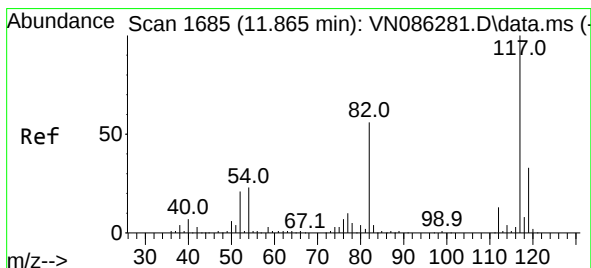
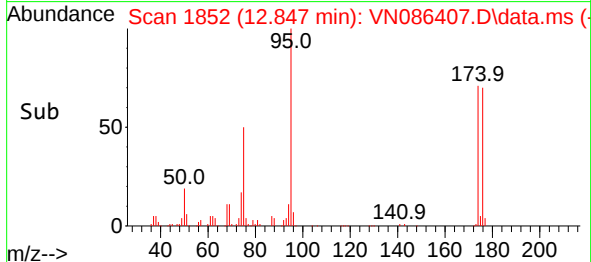
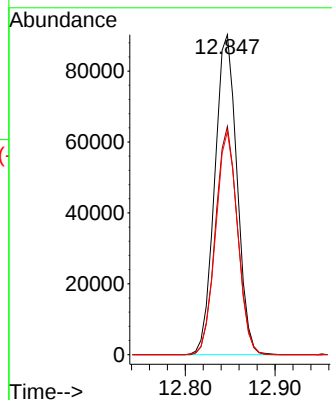
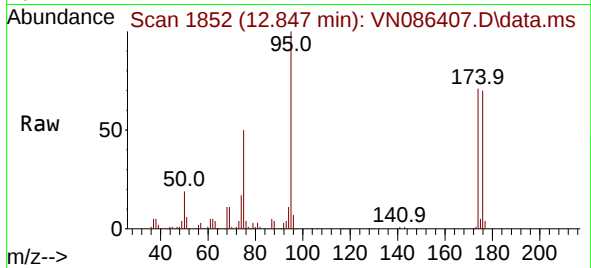




#62
4-Bromofluorobenzene
Concen: 50.222 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

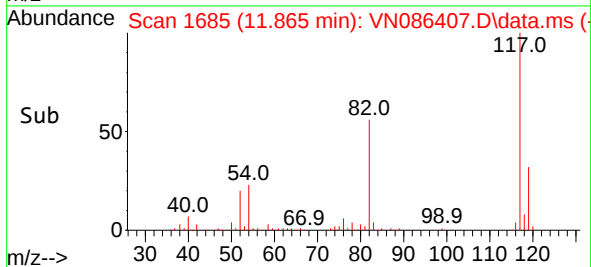
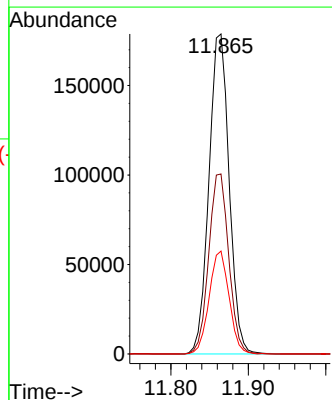
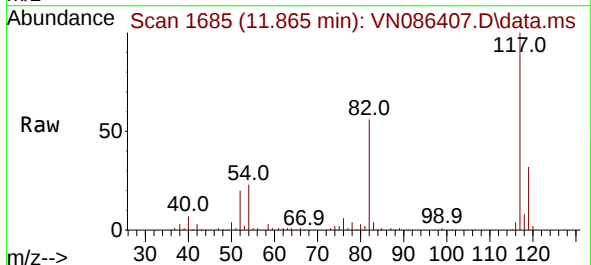
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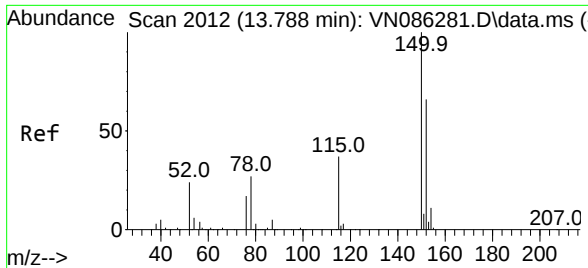
Tgt Ion: 95 Resp: 155413
Ion Ratio Lower Upper
95 100
174 70.4 0.0 133.4
176 68.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086407.D
Acq: 28 Apr 2025 13:33

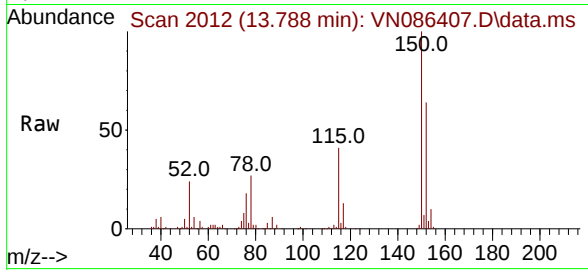
Tgt Ion: 117 Resp: 324522
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086407.D
 Acq: 28 Apr 2025 13:33

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 139324

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.9	95.9
150	159.7	0.0	352.0

