

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086410.D
 Acq On : 28 Apr 2025 14:45
 Operator : JC\MD
 Sample : PB167744ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#07

Quant Time: Apr 29 01:53:42 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)

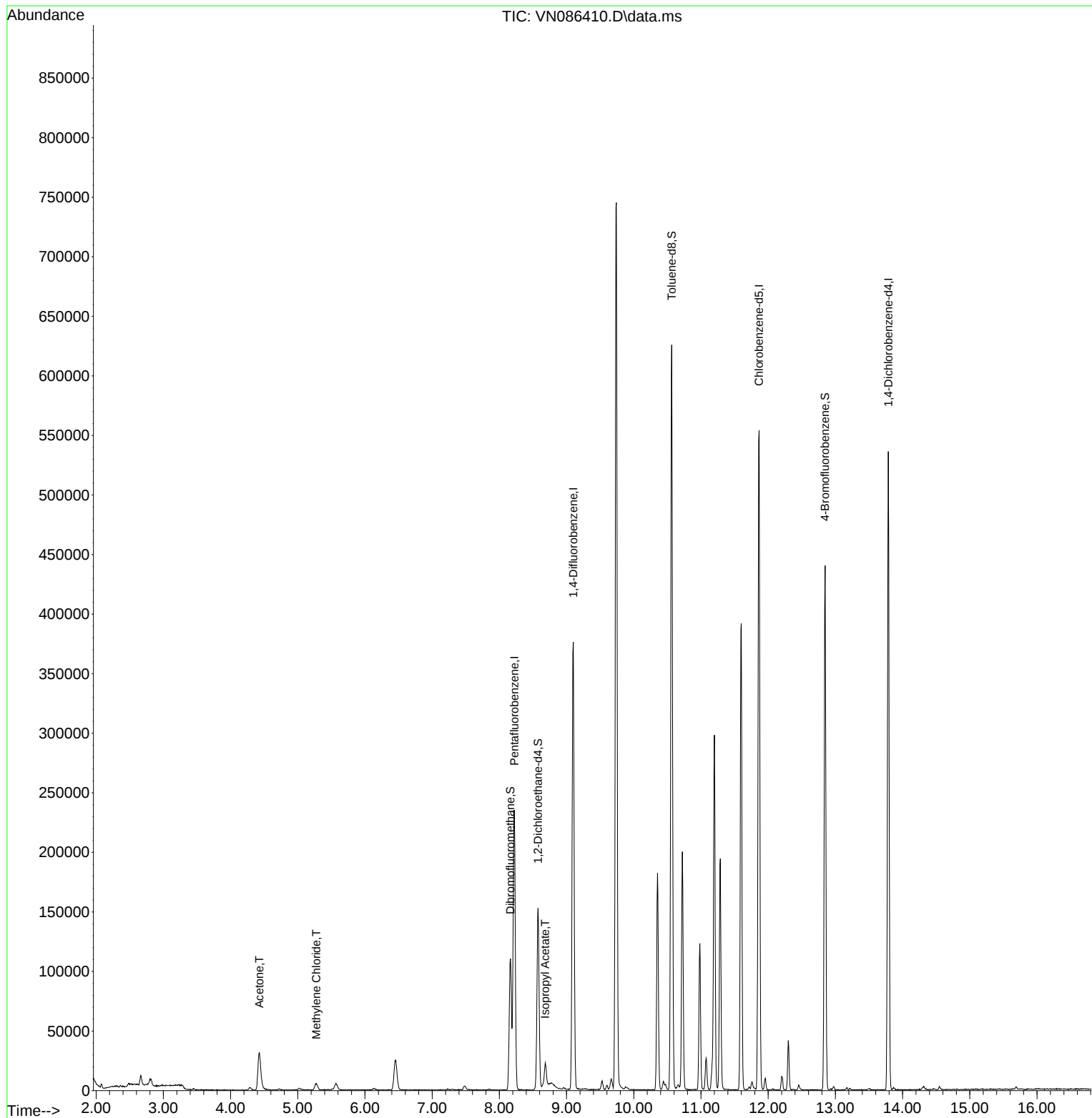
Internal Standards						
1) Pentafluorobenzene	8.224	168	173616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126074	50.077	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.160%			
35) Dibromofluoromethane	8.165	113	83365	53.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	10.565	98	430762	51.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.847	95	159184	52.157	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	62611	67.771	ug/l	96
20) Methylene Chloride	5.277	84	4319	1.856	ug/l	96
43) Isopropyl Acetate	8.682	43	29770	3.234	ug/l #	84

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

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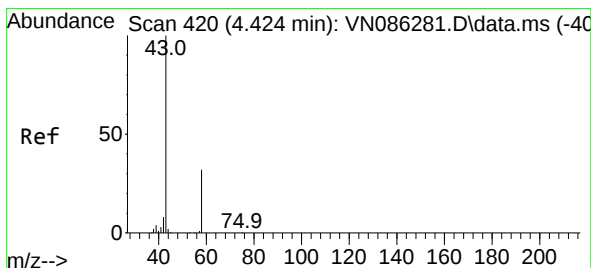
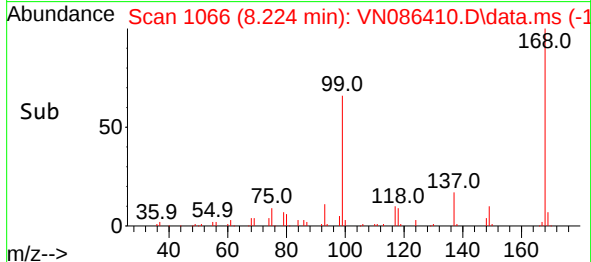
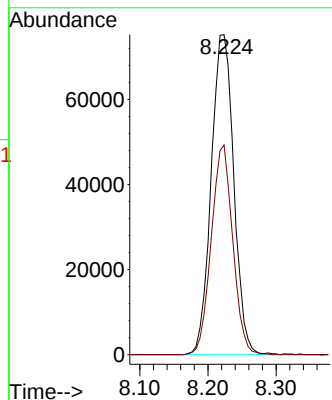
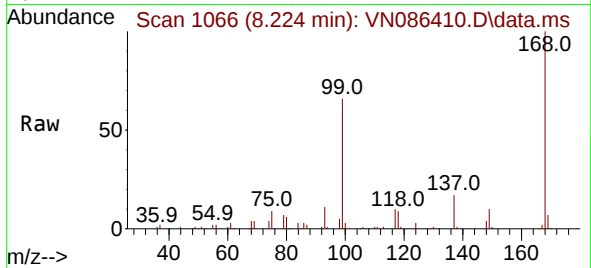




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

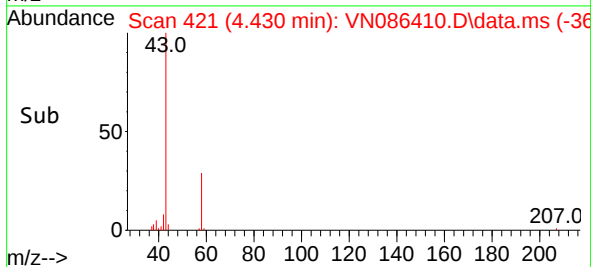
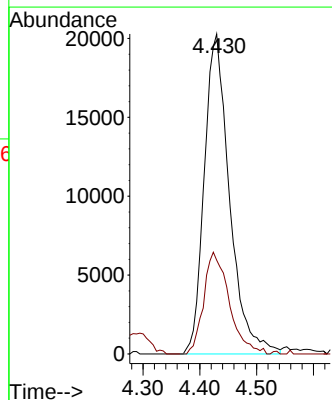
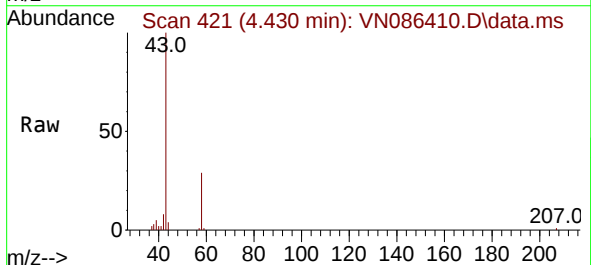
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#07

Tgt Ion:168 Resp: 173616
Ion Ratio Lower Upper
168 100
99 65.6 52.5 78.7



#16
Acetone
Concen: 67.771 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

Tgt Ion: 43 Resp: 62611
Ion Ratio Lower Upper
43 100
58 29.3 25.3 37.9

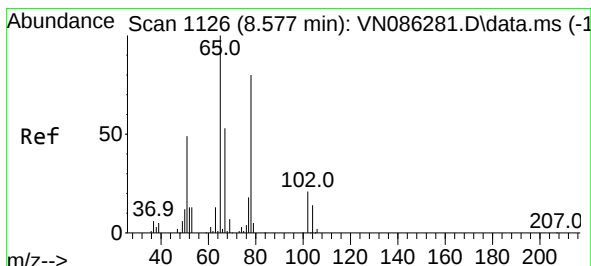
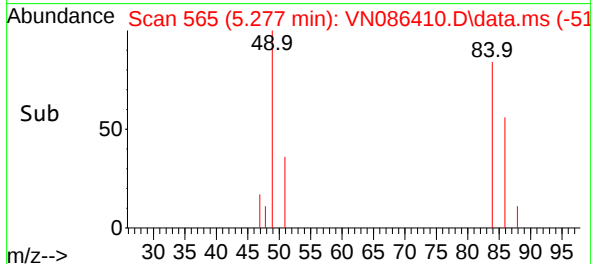
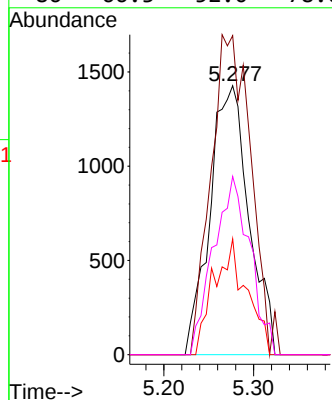
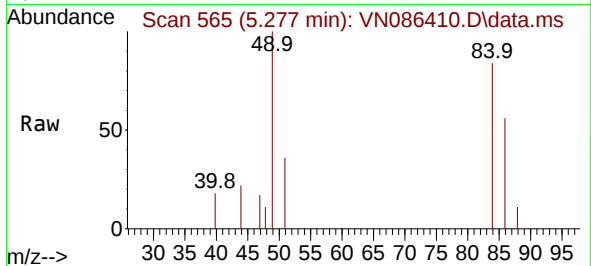




#20
Methylene Chloride
Concen: 1.856 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

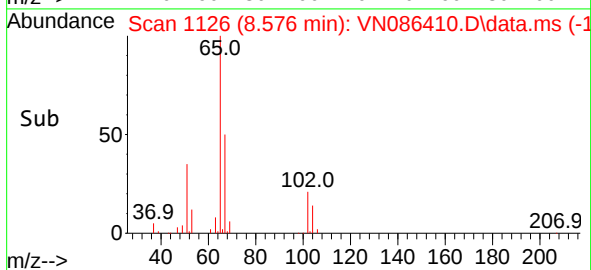
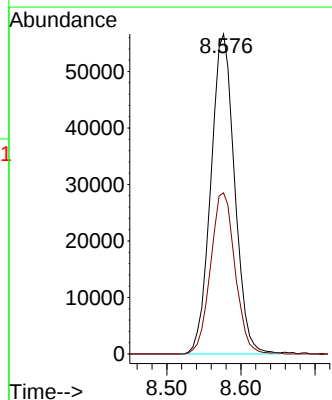
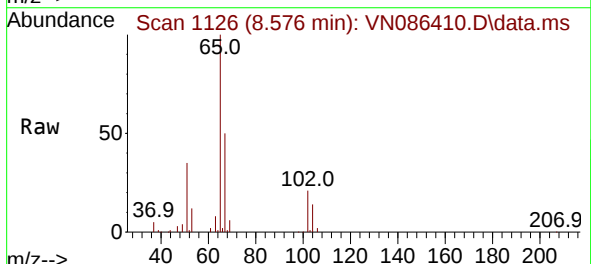
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#07

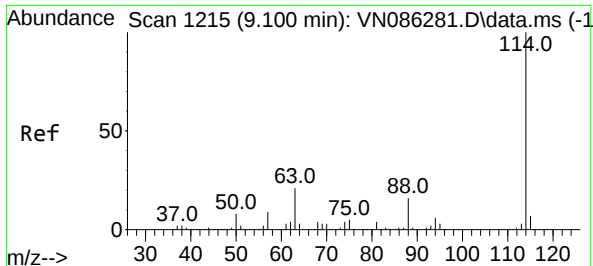
Tgt Ion:	84	Resp:	4319
Ion	Ratio	Lower	Upper
84	100		
49	118.6	98.2	147.2
51	43.1	29.8	44.6
86	66.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 50.077 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

Tgt Ion:	65	Resp:	126074
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.0

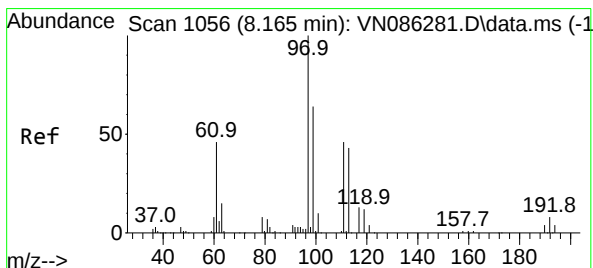
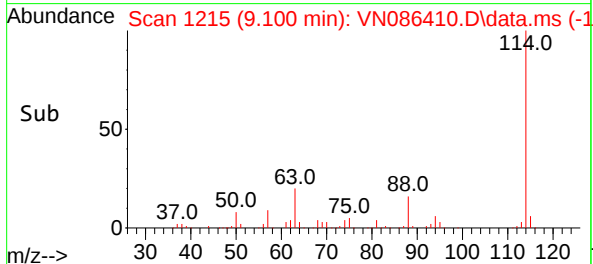
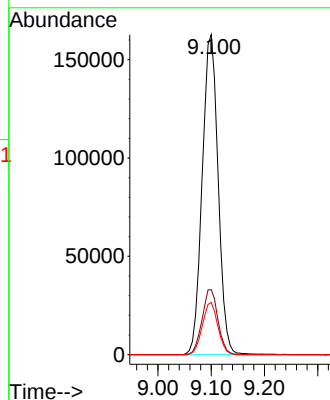
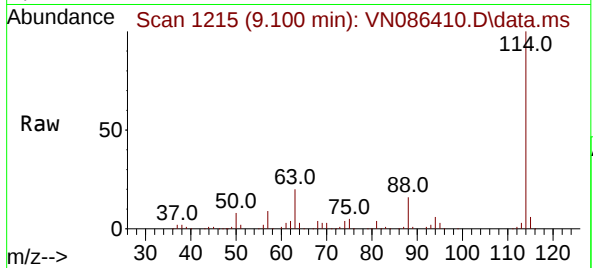




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

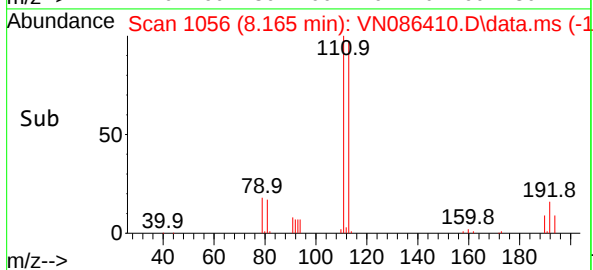
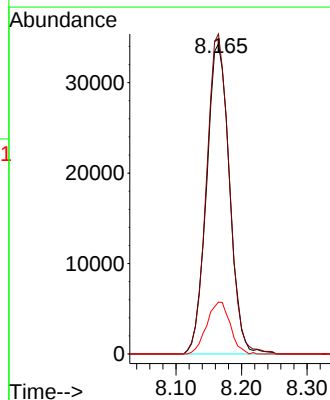
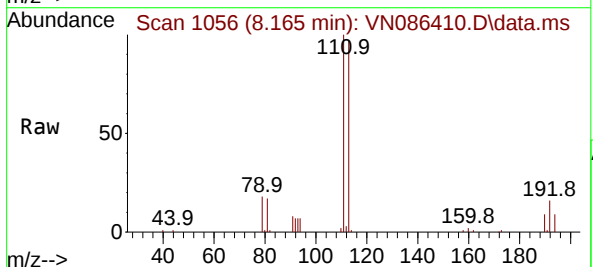
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#07

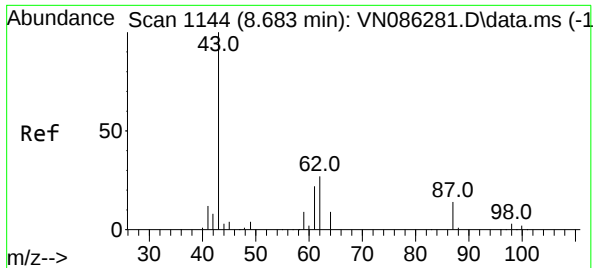
Tgt Ion:114 Resp: 337344
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.246 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

Tgt Ion:113 Resp: 83365
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.1 13.7 20.5

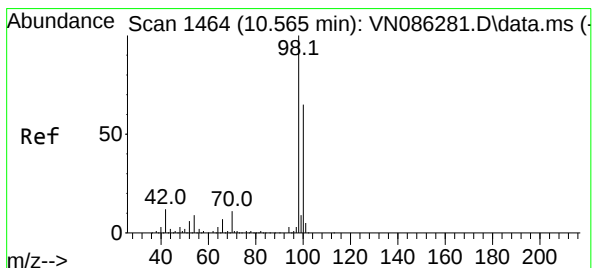
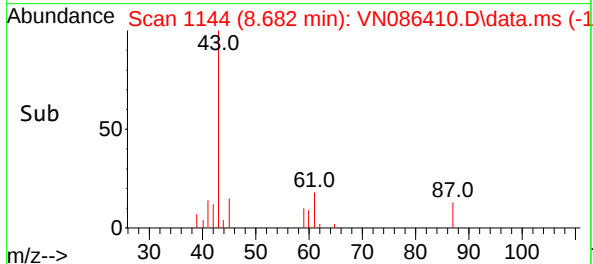
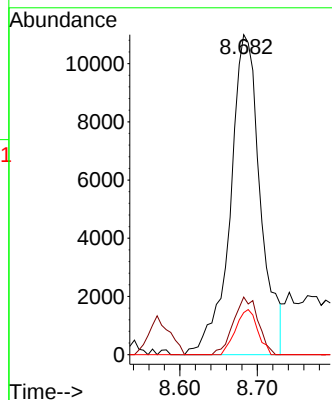
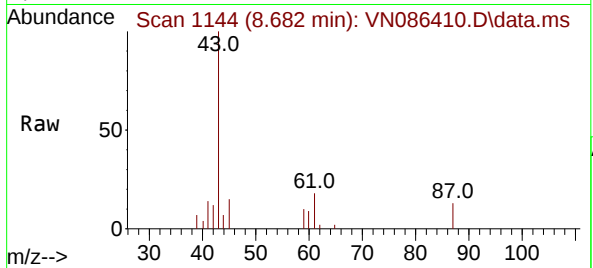




#43
Isopropyl Acetate
Concen: 3.234 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

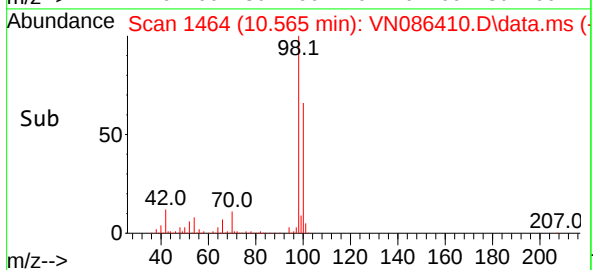
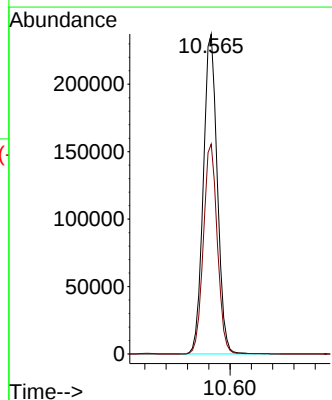
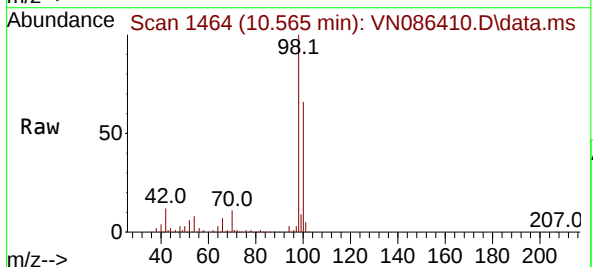
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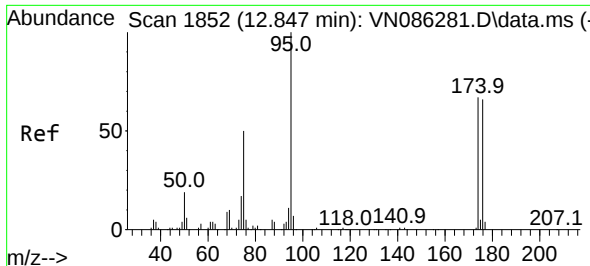
Tgt Ion: 43 Resp: 29770
Ion Ratio Lower Upper
43 100
61 14.8 20.5 30.7#
87 10.3 10.5 15.7#



#50
Toluene-d8
Concen: 51.480 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

Tgt Ion: 98 Resp: 430762
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

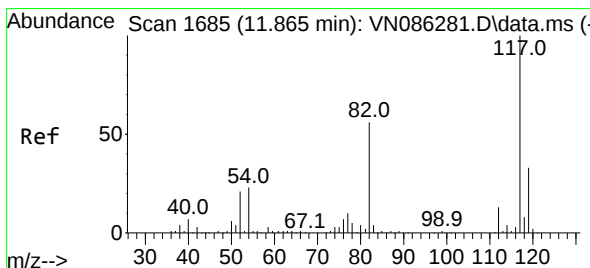
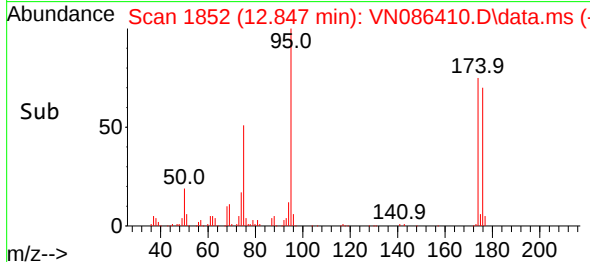
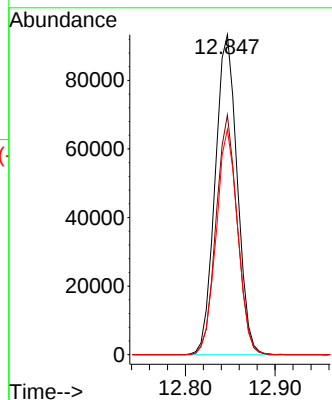
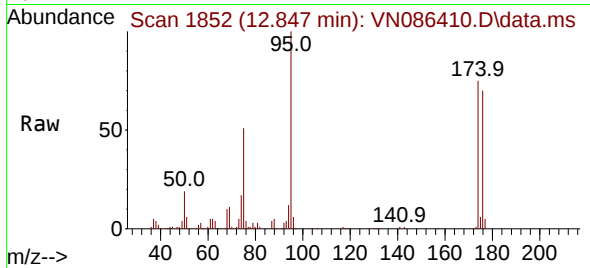




#62
4-Bromofluorobenzene
Concen: 52.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

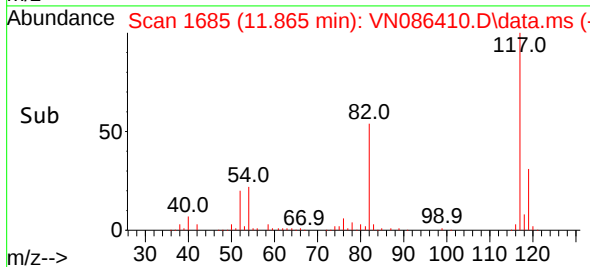
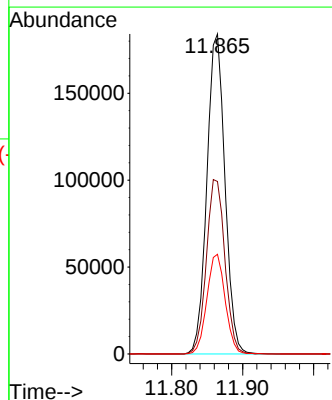
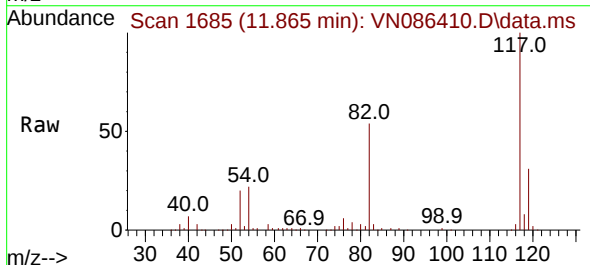
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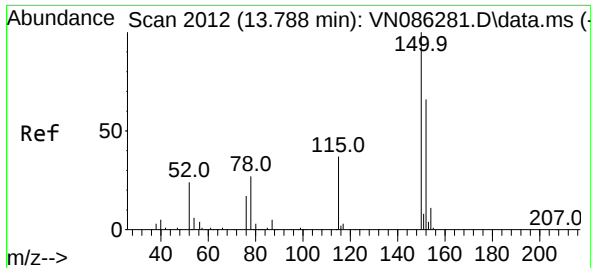
Tgt Ion: 95 Resp: 159184
Ion Ratio Lower Upper
95 100
174 72.1 0.0 133.4
176 68.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086410.D
Acq: 28 Apr 2025 14:45

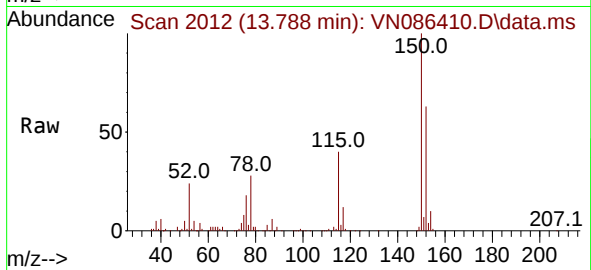
Tgt Ion: 117 Resp: 325417
Ion Ratio Lower Upper
117 100
82 53.9 44.7 67.1
119 31.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086410.D
 Acq: 28 Apr 2025 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#07



Tgt Ion:152 Resp: 141094
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.9 95.9
 150 157.6 0.0 352.0

