

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086576.D
 Acq On : 12 May 2025 13:16
 Operator : JC\MD
 Sample : PB167932ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#01

Quant Time: May 13 01:50:53 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)

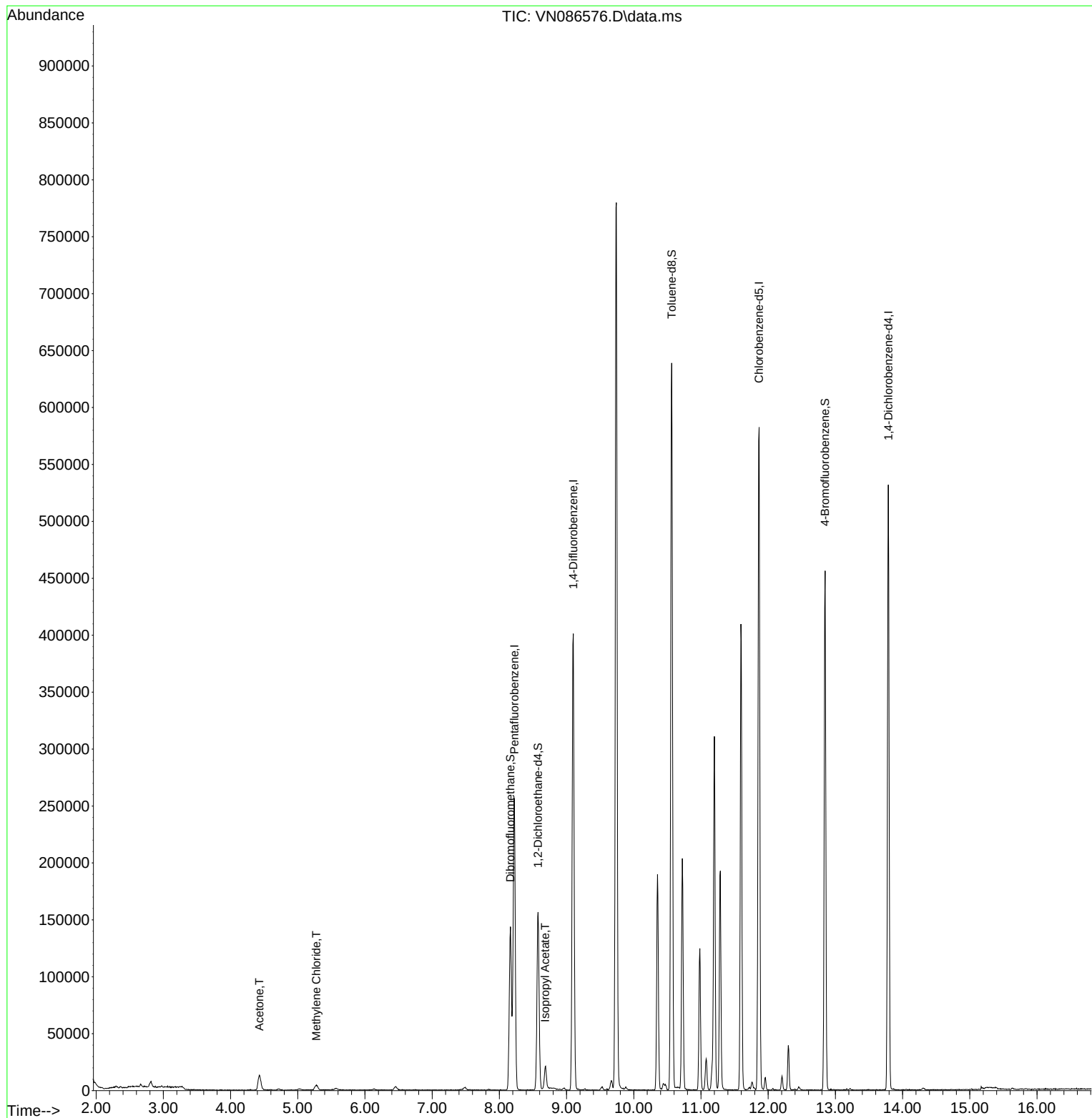
Internal Standards						
1) Pentafluorobenzene	8.224	168	192822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130485	46.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.340%		
35) Dibromofluoromethane	8.165	113	105247	63.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	127.460%#		
50) Toluene-d8	10.565	98	460481	52.169	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.340%		
62) 4-Bromofluorobenzene	12.847	95	165095	51.281	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.560%		
Target Compounds						
16) Acetone	4.430	43	26938	22.676	ug/l	91
20) Methylene Chloride	5.277	84	3855	1.491	ug/l #	90
43) Isopropyl Acetate	8.682	43	26389	2.417	ug/l #	86

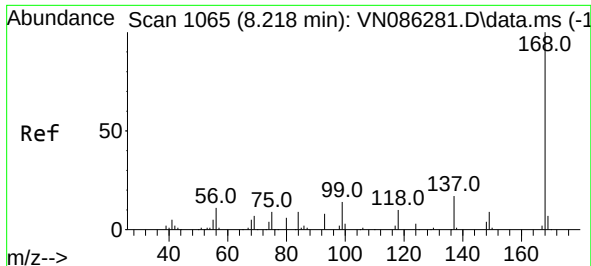
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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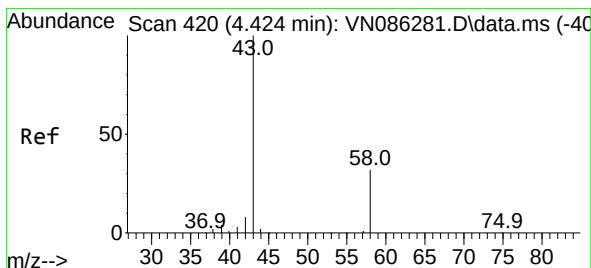
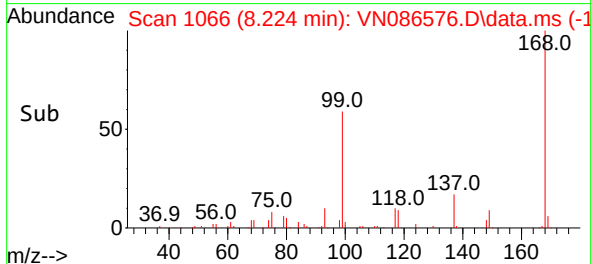
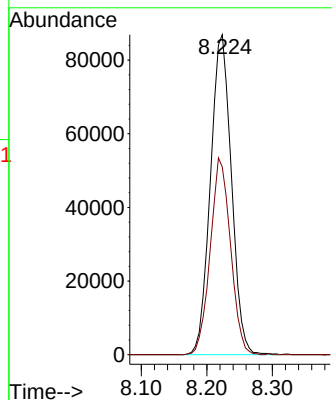
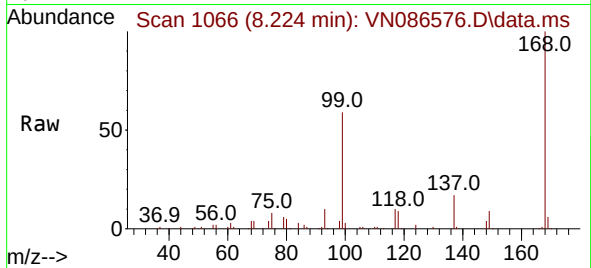




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

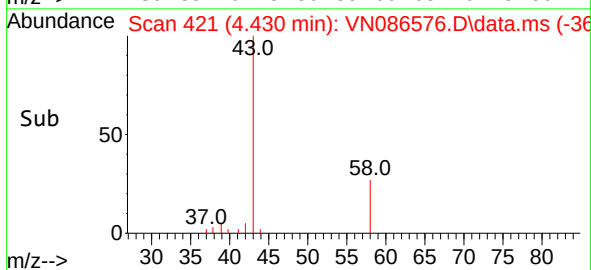
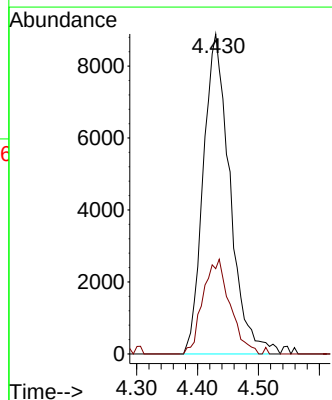
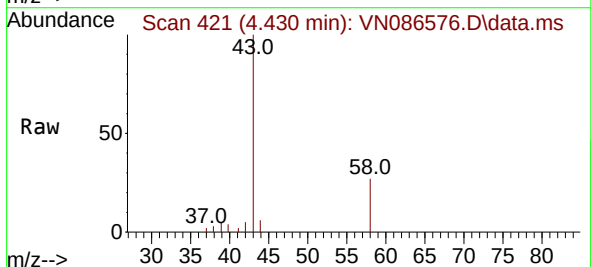
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#01

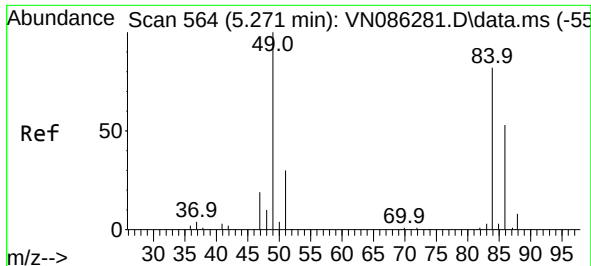
Tgt Ion:168 Resp: 192822
Ion Ratio Lower Upper
168 100
99 58.6 52.5 78.7



#16
Acetone
Concen: 22.676 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

Tgt Ion: 43 Resp: 26938
Ion Ratio Lower Upper
43 100
58 26.6 25.3 37.9

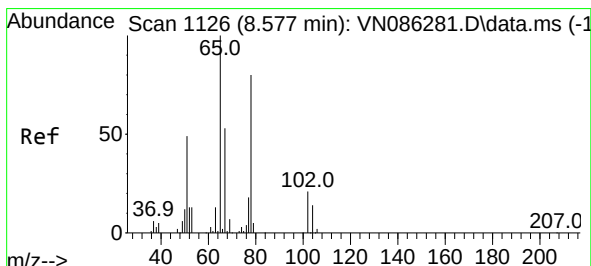
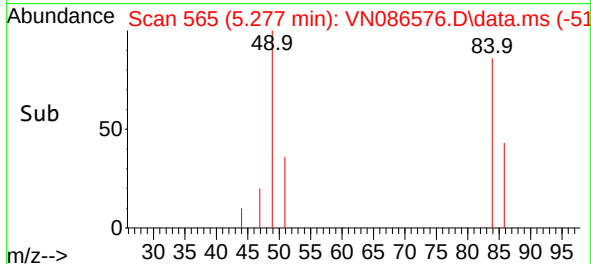
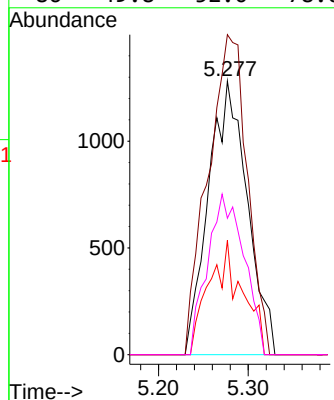
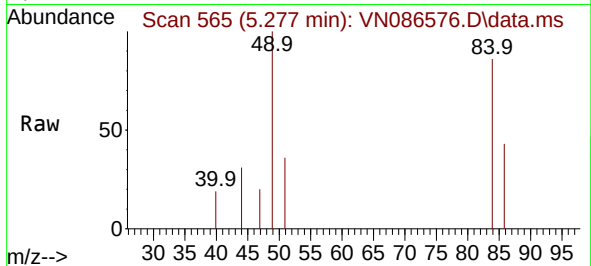




#20
Methylene Chloride
Concen: 1.491 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

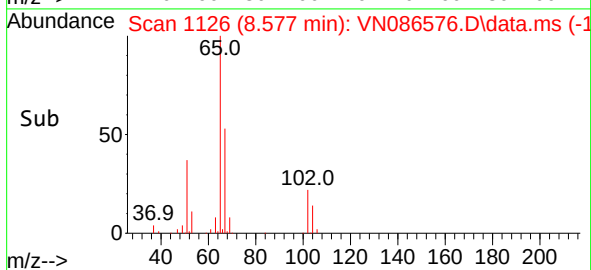
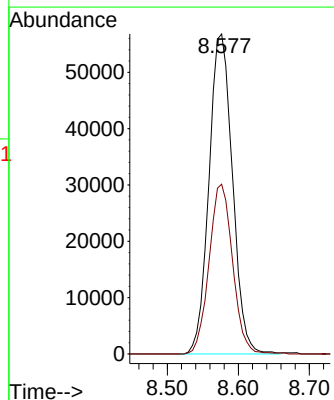
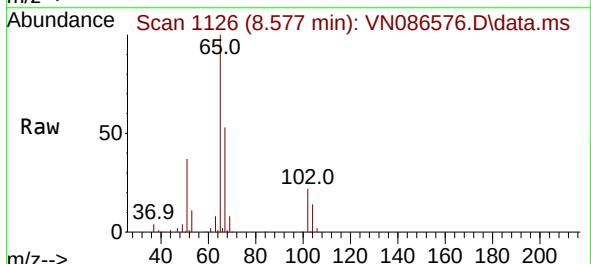
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#01

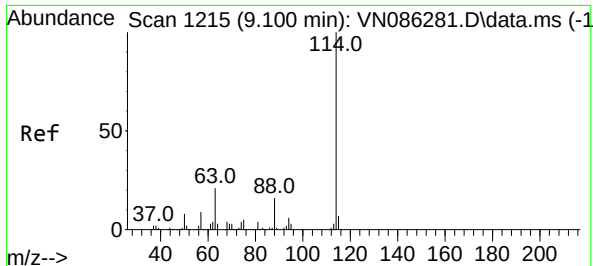
Tgt Ion:	84	Resp:	3855
Ion	Ratio	Lower	Upper
84	100		
49	116.9	98.2	147.2
51	41.7	29.8	44.6
86	49.8	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.667 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

Tgt Ion:	65	Resp:	130485
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.0

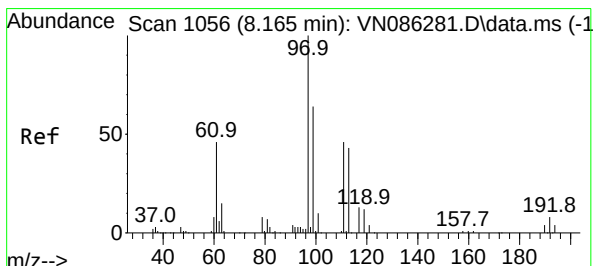
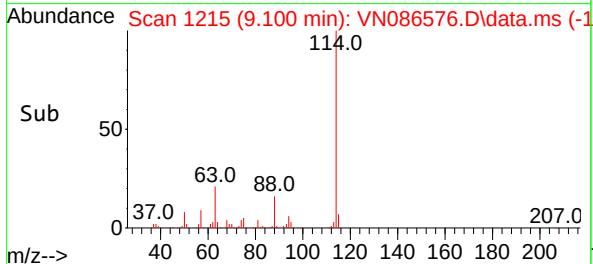
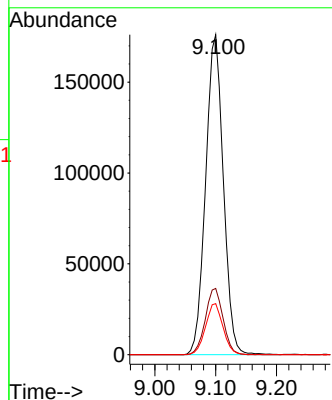
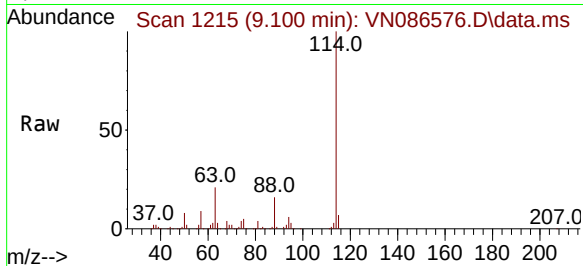




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

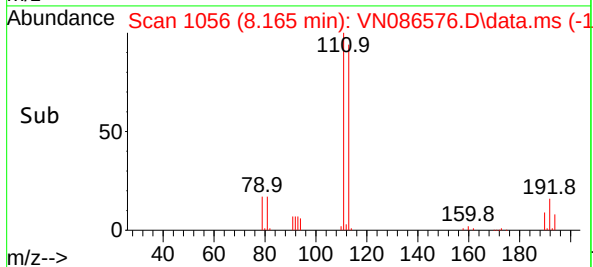
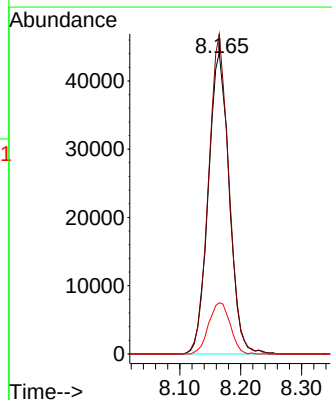
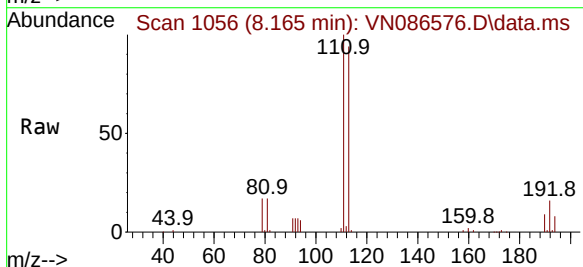
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#01

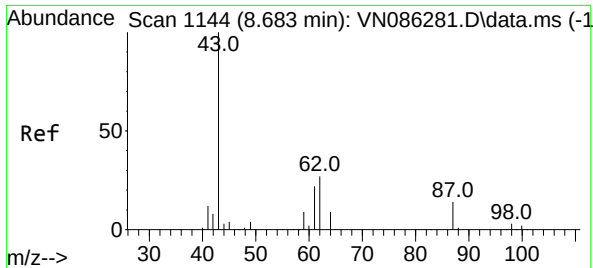
Tgt Ion:114 Resp: 355849
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.727 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

Tgt Ion:113 Resp: 105247
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 17.4 13.7 20.5

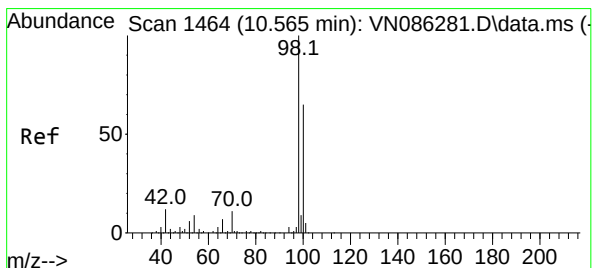
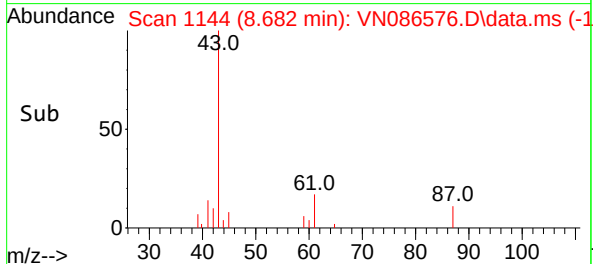
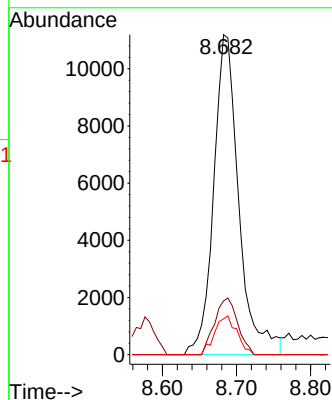
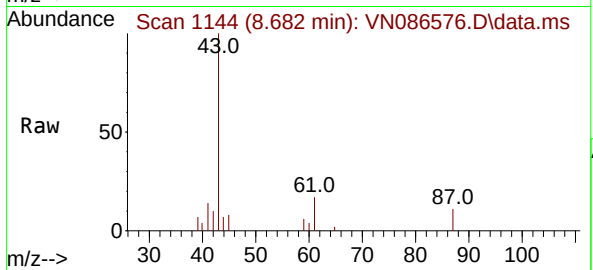




#43
Isopropyl Acetate
Concen: 2.417 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

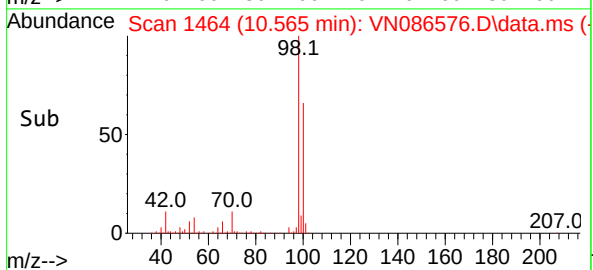
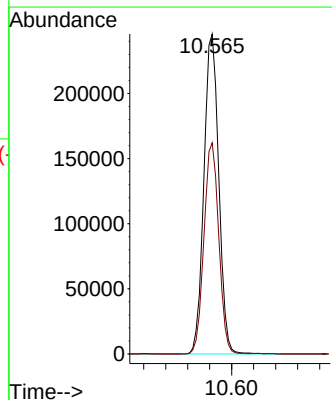
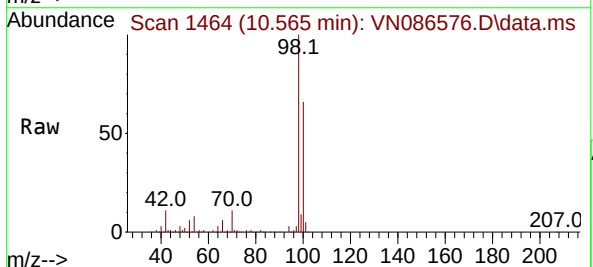
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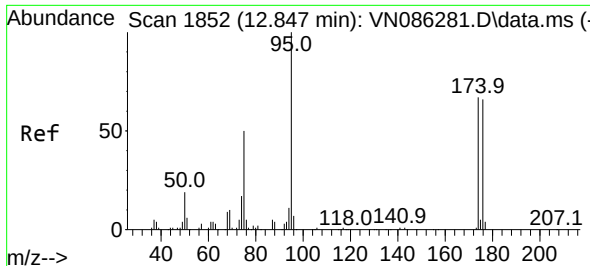
Tgt Ion: 43 Resp: 26389
Ion Ratio Lower Upper
43 100
61 16.2 20.5 30.7#
87 10.7 10.5 15.7



#50
Toluene-d8
Concen: 52.169 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

Tgt Ion: 98 Resp: 460481
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

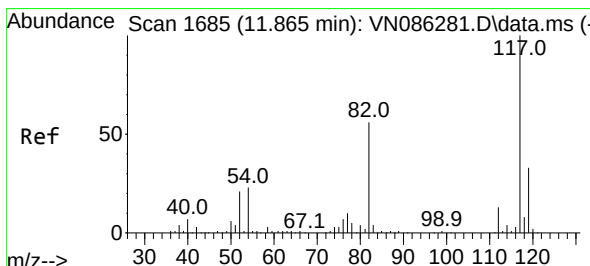
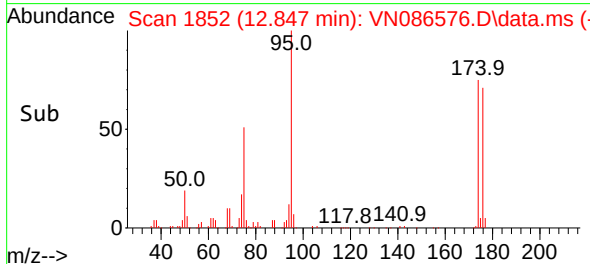
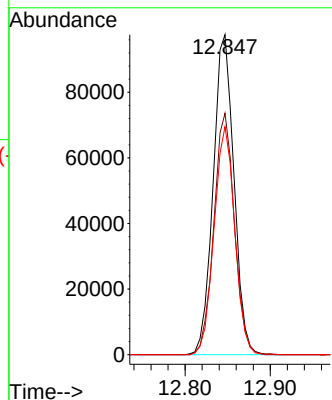
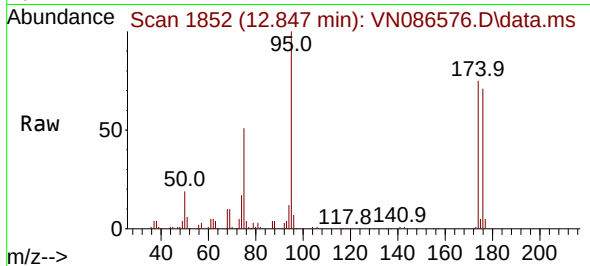




#62
4-Bromofluorobenzene
Concen: 51.281 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

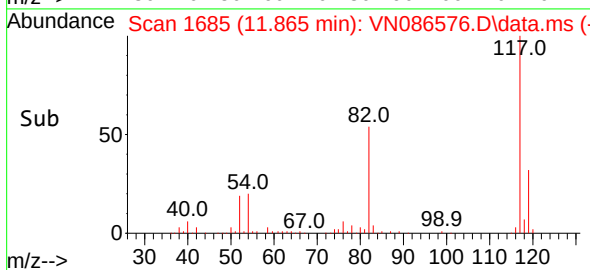
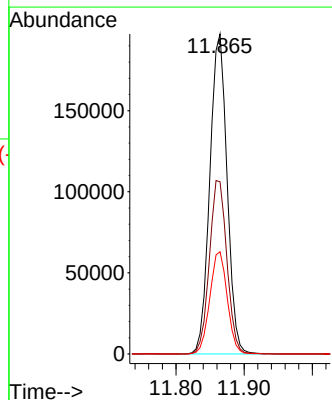
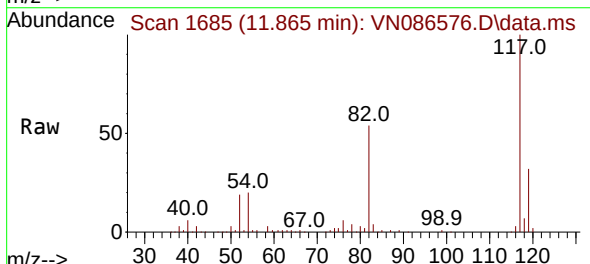
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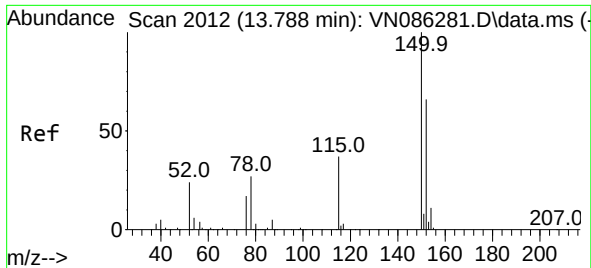
Tgt Ion: 95 Resp: 165095
Ion Ratio Lower Upper
95 100
174 74.6 0.0 133.4
176 70.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086576.D
Acq: 12 May 2025 13:16

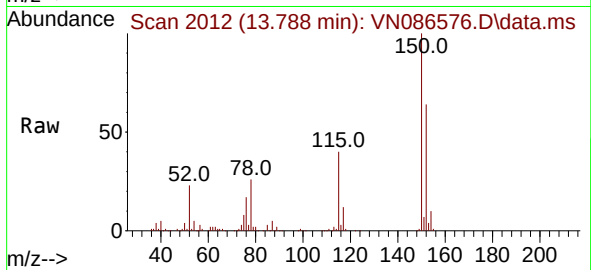
Tgt Ion: 117 Resp: 347292
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 31.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086576.D
 Acq: 12 May 2025 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#01



Tgt Ion:152 Resp: 146313
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.9 95.9
 150 158.8 0.0 352.0

