

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086050.D
 Acq On : 21 Mar 2025 19:18
 Operator : JC\MD
 Sample : PB167234ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#10

Quant Time: Mar 21 23:03:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

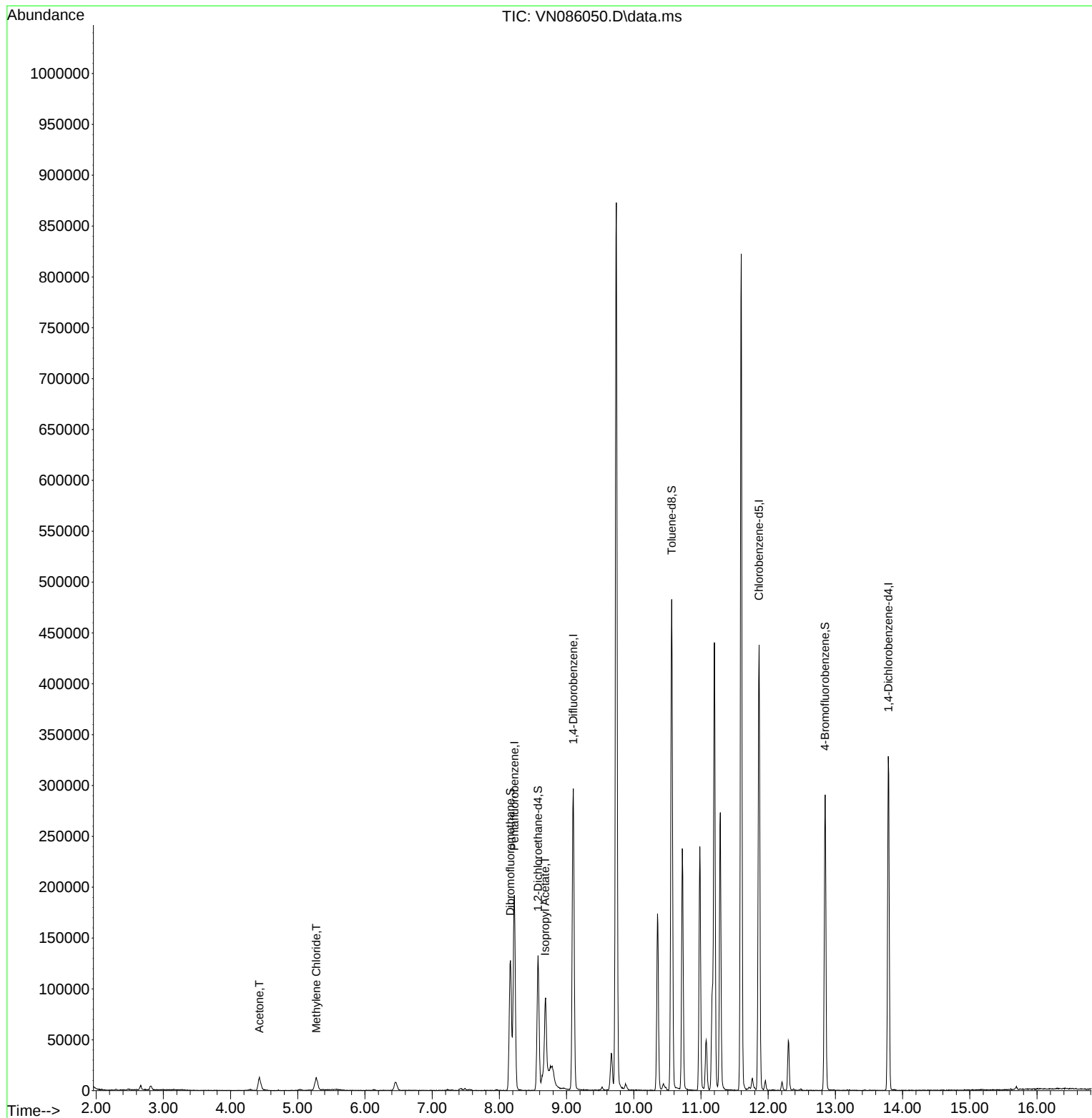
Internal Standards						
1) Pentafluorobenzene	8.224	168	135704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109916	59.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.300%
35) Dibromofluoromethane	8.165	113	92595	50.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.565	98	340992	51.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.847	95	101706	43.156	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.320%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	22900	40.337	ug/l	96
20) Methylene Chloride	5.277	84	10189	6.135	ug/l	95
43) Isopropyl Acetate	8.683	43	111737	25.493	ug/l #	79

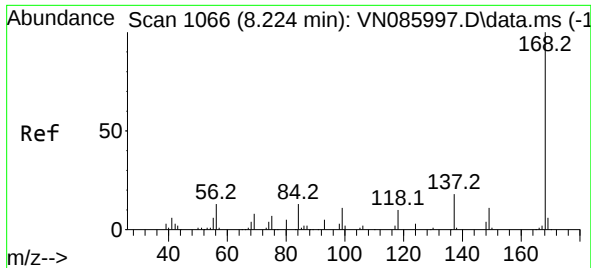
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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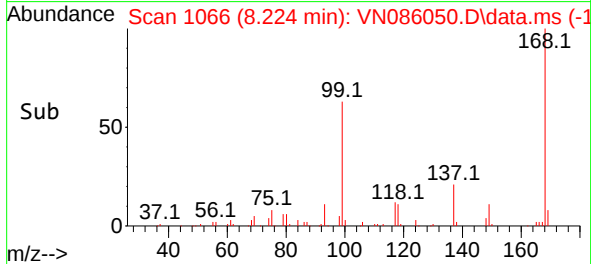
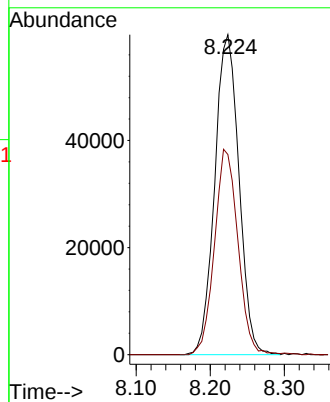
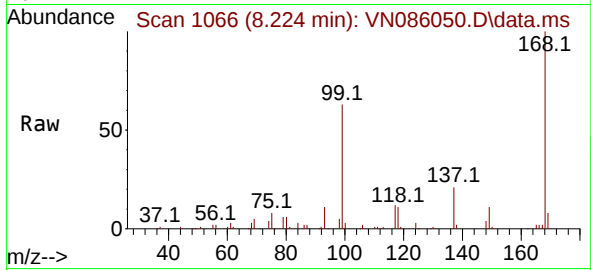




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

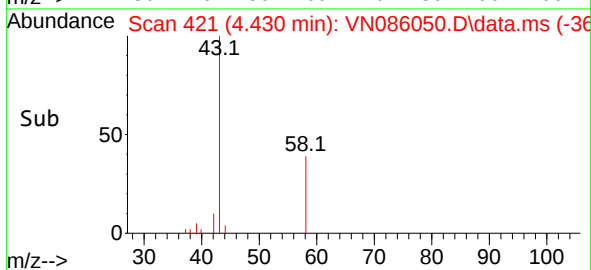
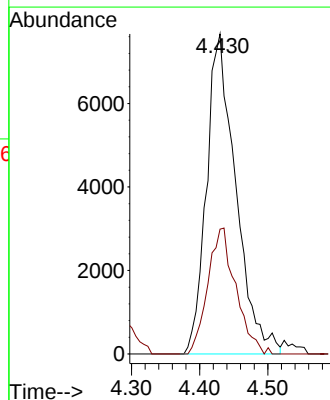
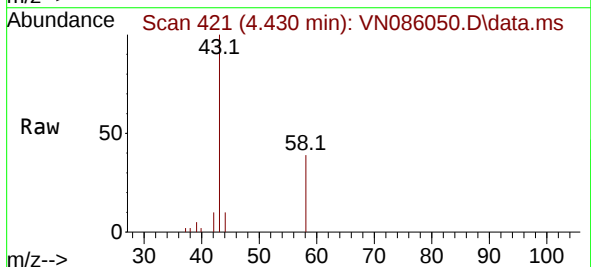
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#10

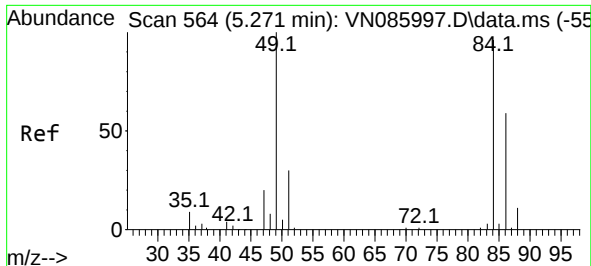
Tgt Ion:168 Resp: 135704
Ion Ratio Lower Upper
168 100
99 62.6 49.4 74.2



#16
Acetone
Concen: 40.337 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Tgt Ion: 43 Resp: 22900
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.2



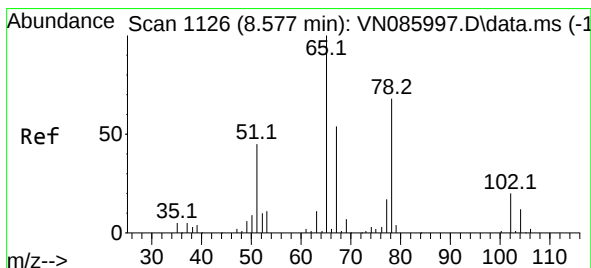
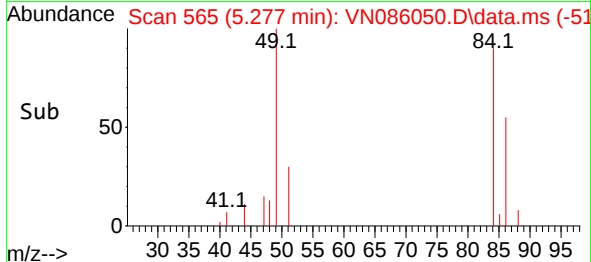
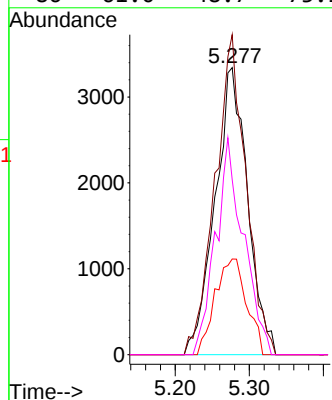
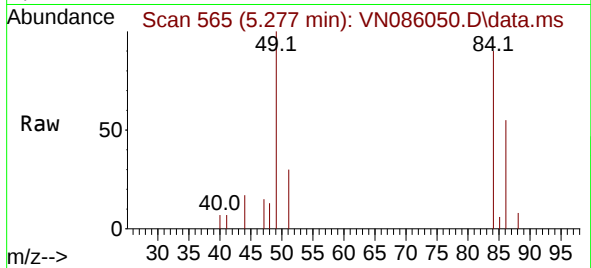


#20
Methylene Chloride
Concen: 6.135 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#10

Tgt Ion: 84 Resp: 10189

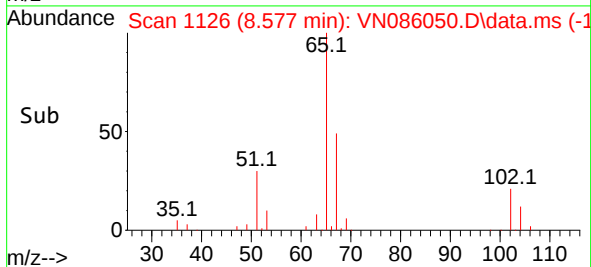
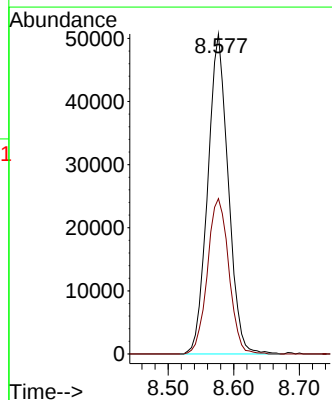
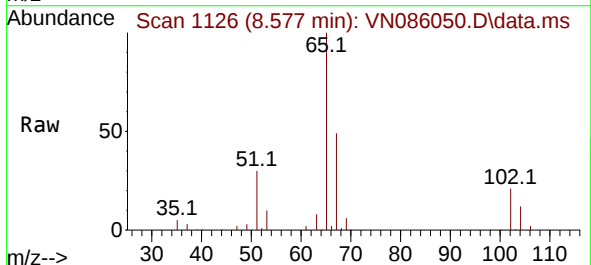
Ion	Ratio	Lower	Upper
84	100		
49	111.5	83.3	124.9
51	33.3	24.8	37.2
86	61.0	48.7	73.1

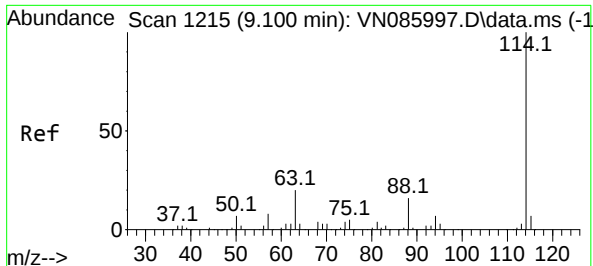


#33
1,2-Dichloroethane-d4
Concen: 59.150 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Tgt Ion: 65 Resp: 109916

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.2

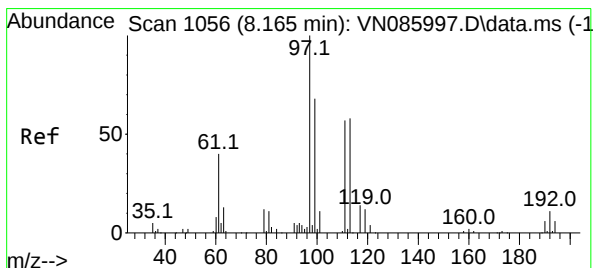
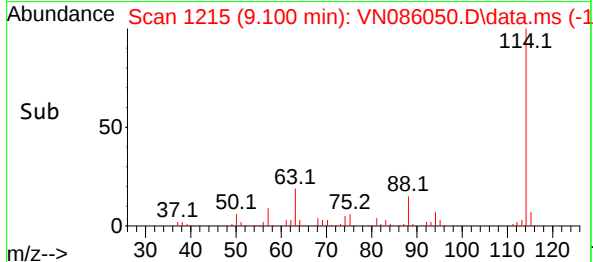
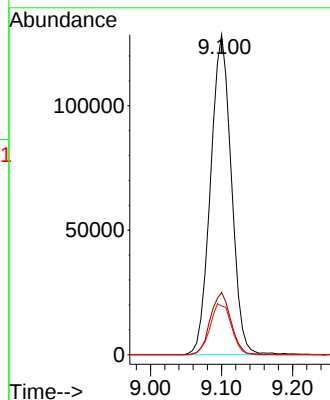
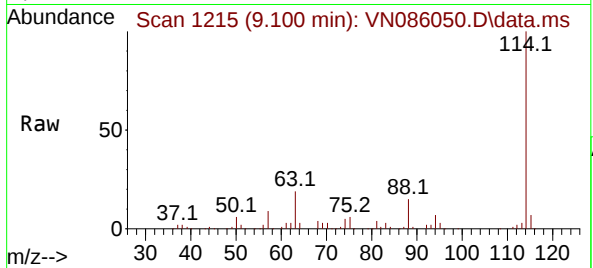




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

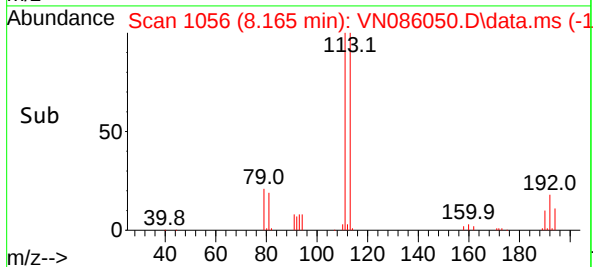
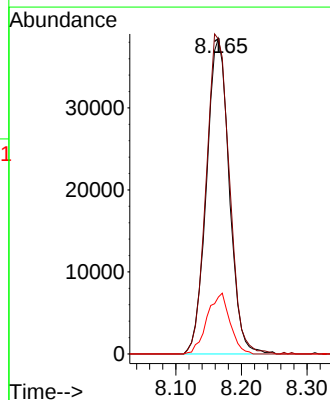
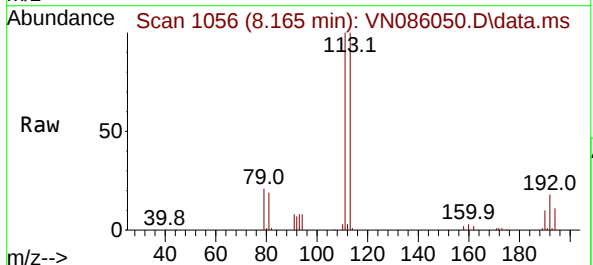
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#10

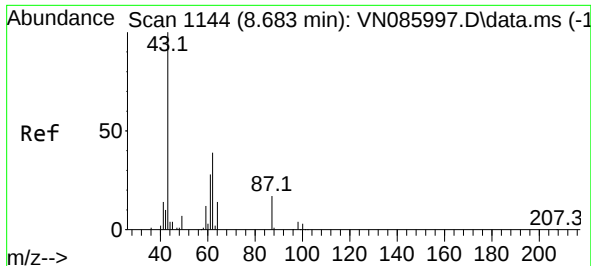
Tgt Ion:114 Resp: 260868
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Tgt Ion:113 Resp: 92595
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 19.4 15.9 23.9

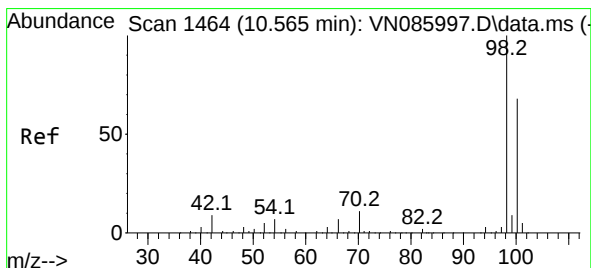
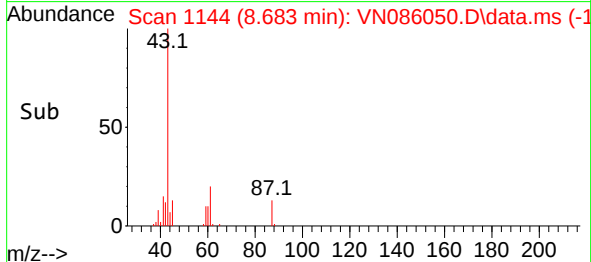
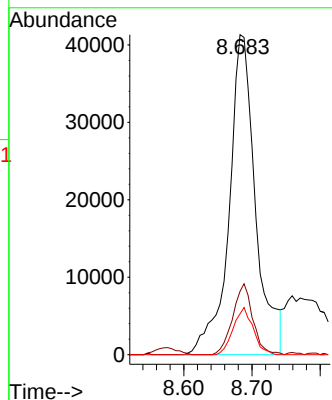
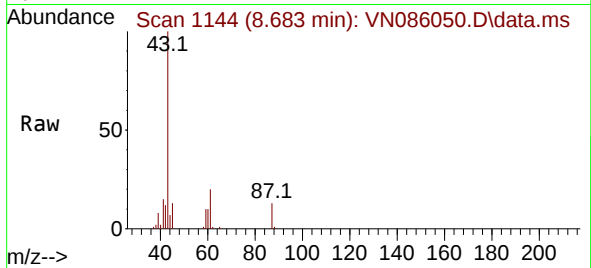




#43
Isopropyl Acetate
Concen: 25.493 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

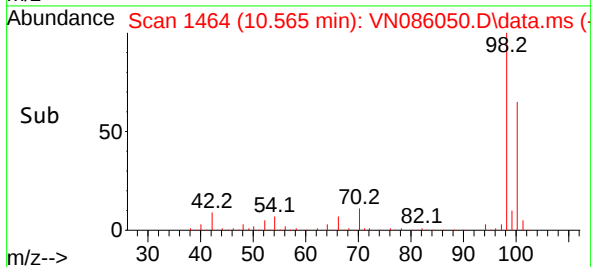
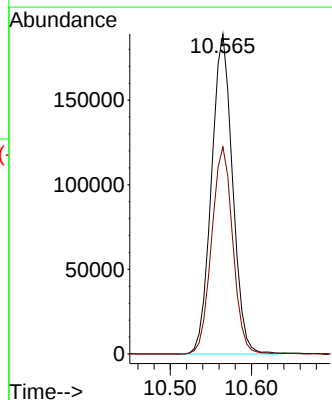
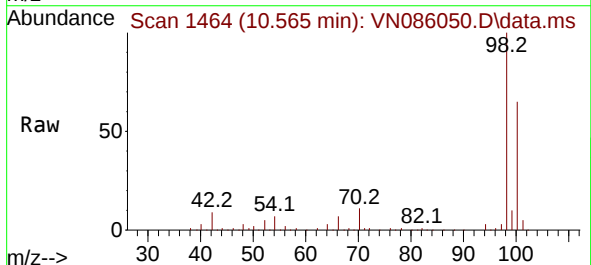
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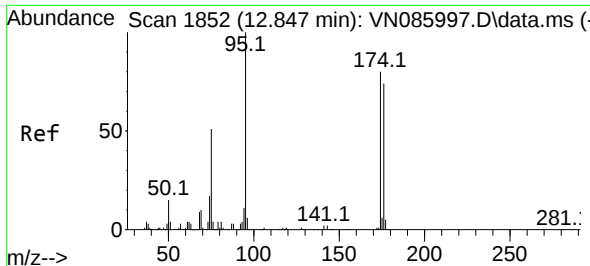
Tgt Ion: 43 Resp: 111737
Ion Ratio Lower Upper
43 100
61 16.8 25.0 37.6#
87 11.0 13.0 19.4#



#50
Toluene-d8
Concen: 51.600 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Tgt Ion: 98 Resp: 340992
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

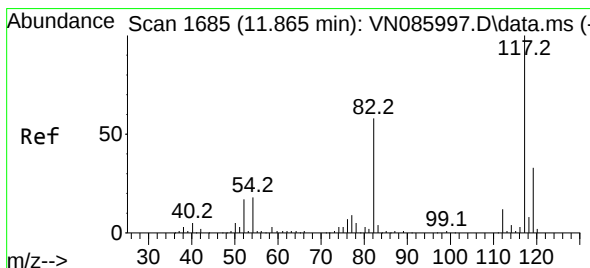
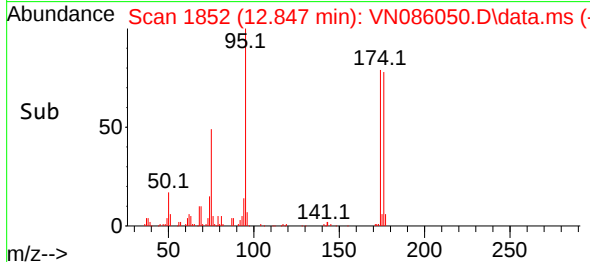
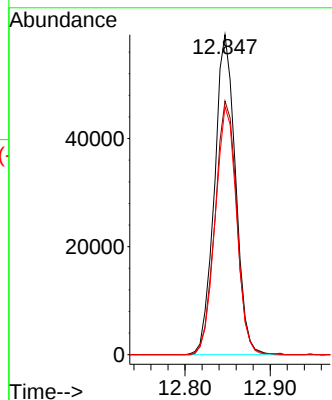
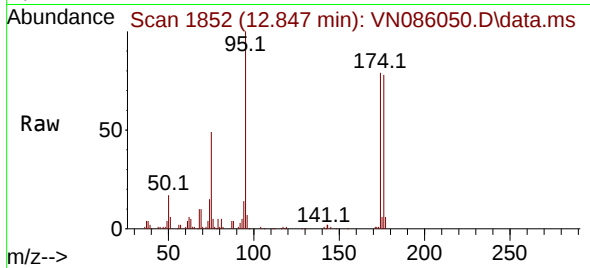




#62
4-Bromofluorobenzene
Concen: 43.156 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

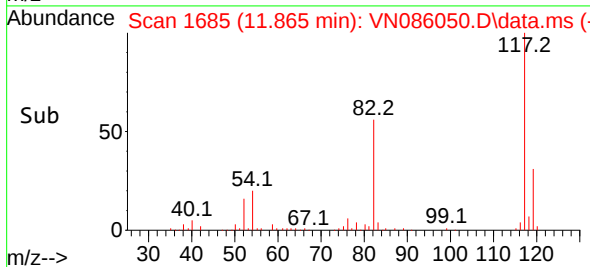
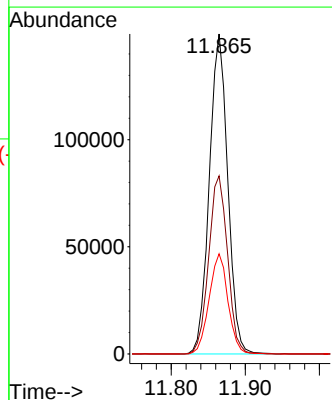
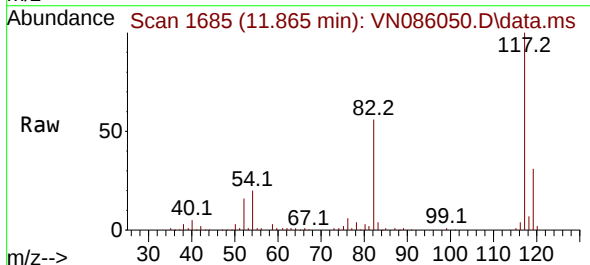
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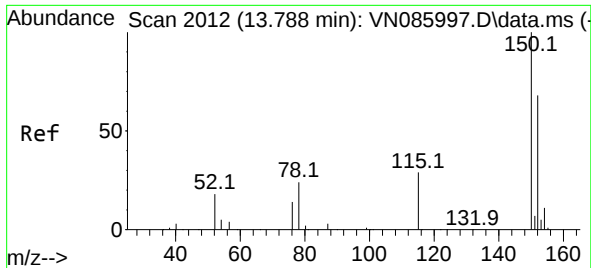
Tgt Ion: 95 Resp: 101706
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086050.D
Acq: 21 Mar 2025 19:18

Tgt Ion: 117 Resp: 257655
Ion Ratio Lower Upper
117 100
82 55.6 46.7 70.1
119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086050.D

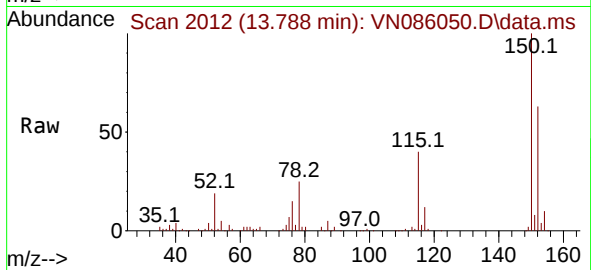
Acq: 21 Mar 2025 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#10



Tgt Ion:152 Resp: 93569

Ion Ratio Lower Upper

152 100

115 63.0 31.1 93.2

150 161.3 0.0 359.6

