

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086097.D
 Acq On : 25 Mar 2025 13:52
 Operator : JC\MD
 Sample : PB167276ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#02

Quant Time: Mar 26 03:17:02 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)

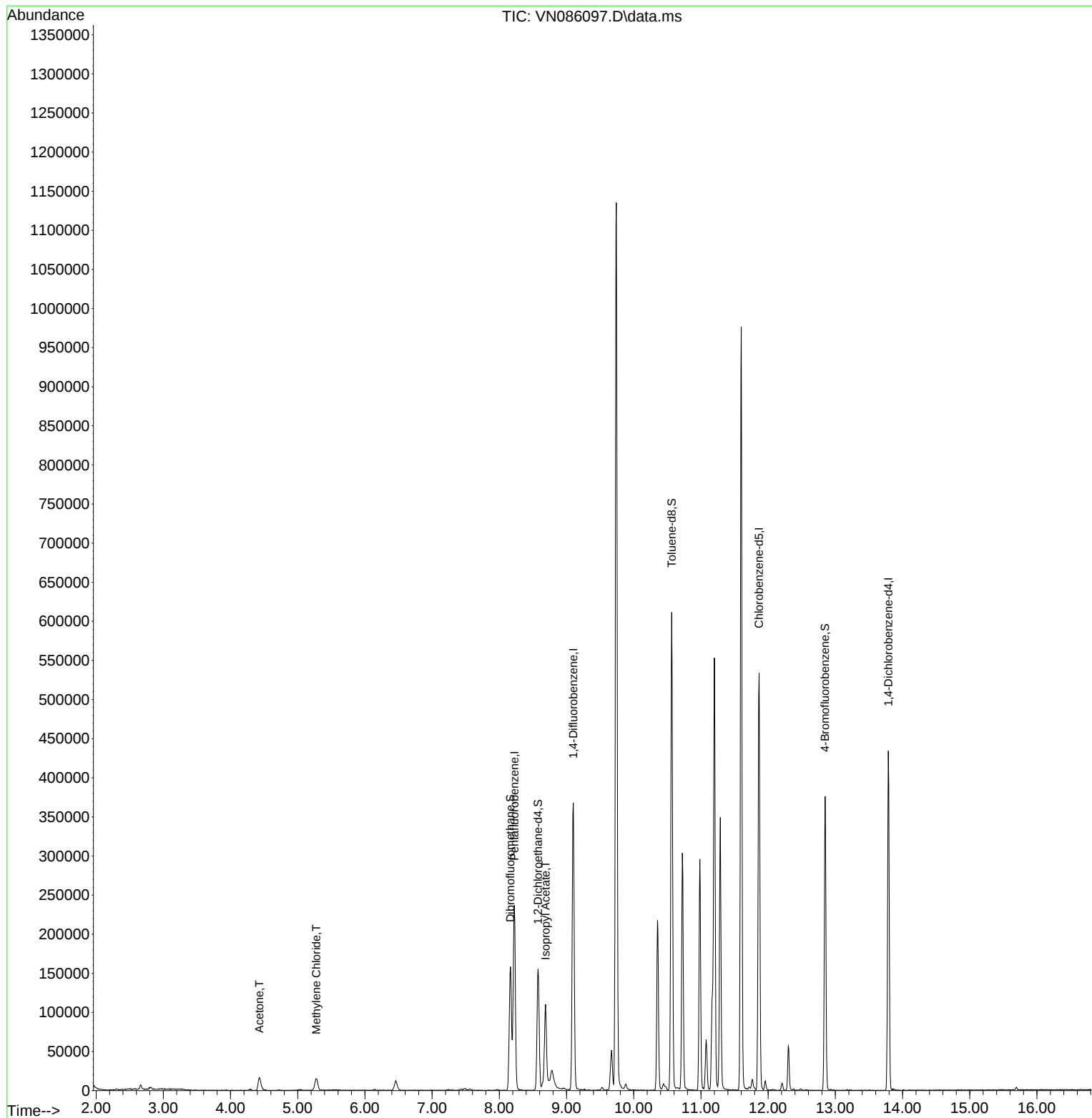
Internal Standards						
1) Pentafluorobenzene	8.224	168	173941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130297	54.704	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.400%		
35) Dibromofluoromethane	8.165	113	116070	50.230	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.460%		
50) Toluene-d8	10.565	98	428386	51.081	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.160%		
62) 4-Bromofluorobenzene	12.847	95	133356	44.588	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.180%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	31064	42.689	ug/l	99
20) Methylene Chloride	5.277	84	13194	6.198	ug/l	96
43) Isopropyl Acetate	8.688	43	124701	22.418	ug/l #	84

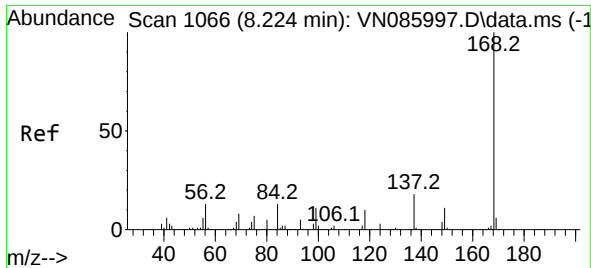
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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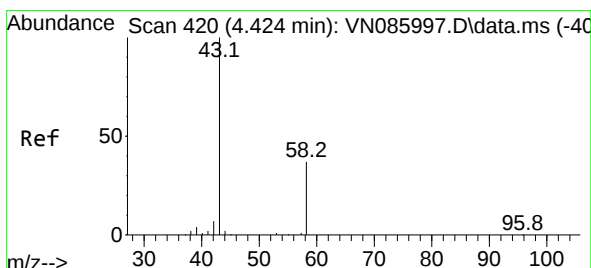
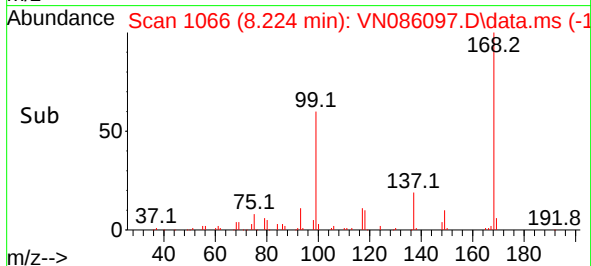
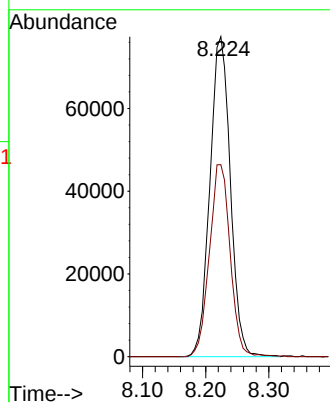
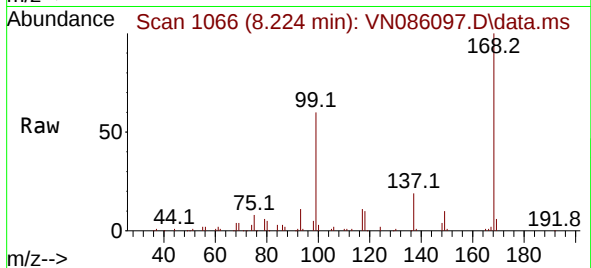




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

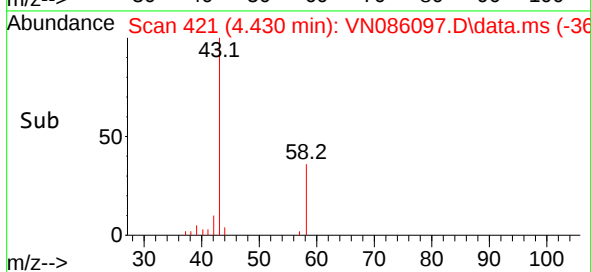
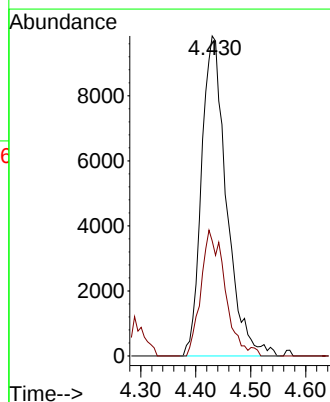
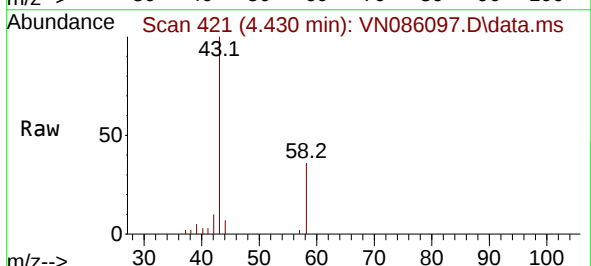
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#02

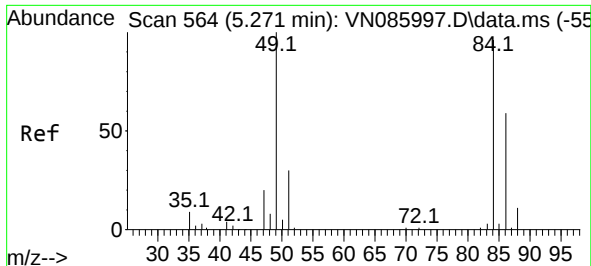
Tgt Ion:168 Resp: 173941
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#16
Acetone
Concen: 42.689 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

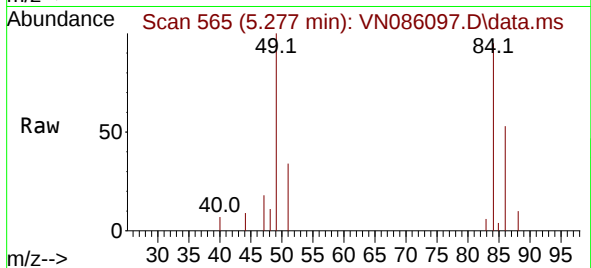
Tgt Ion: 43 Resp: 31064
Ion Ratio Lower Upper
43 100
58 36.0 29.4 44.2



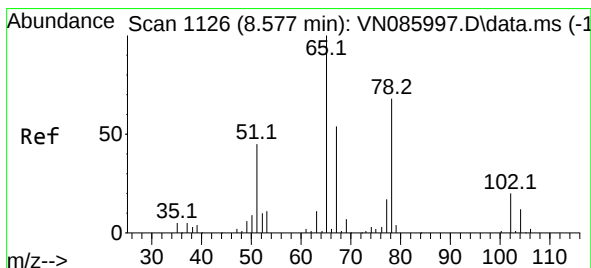
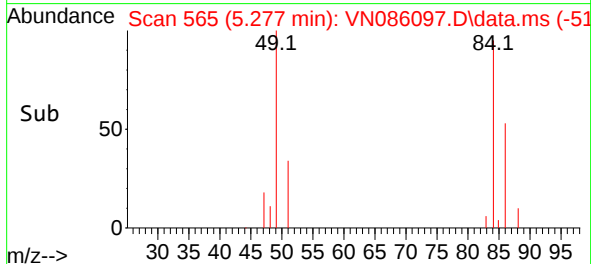
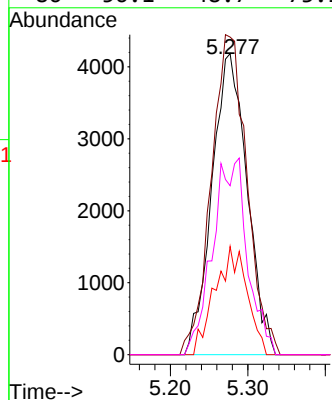


#20
Methylene Chloride
Concen: 6.198 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#02

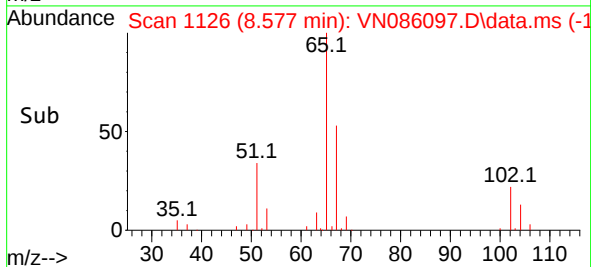
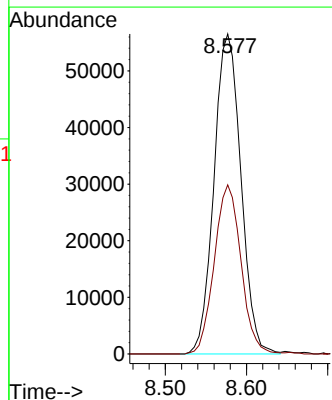
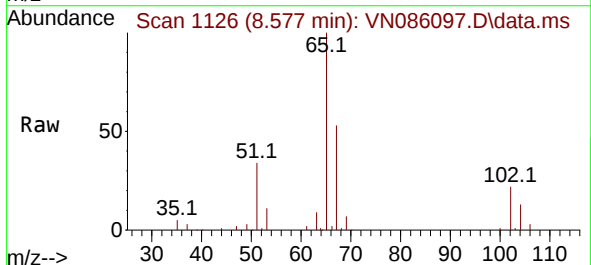


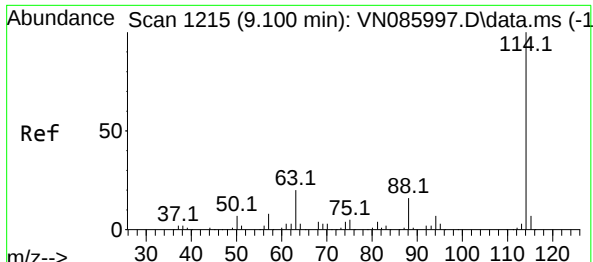
Tgt Ion: 84	Resp: 13194
Ion Ratio	Lower Upper
84 100	
49 105.5	83.3 124.9
51 35.9	24.8 37.2
86 56.1	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 54.704 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

Tgt Ion: 65	Resp: 130297
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 102.2

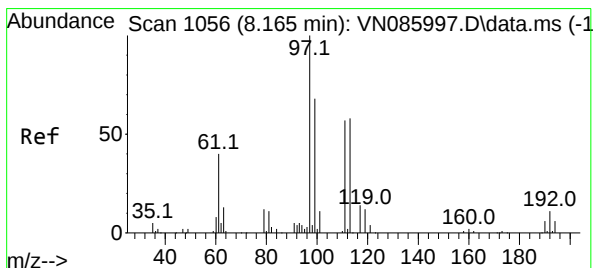
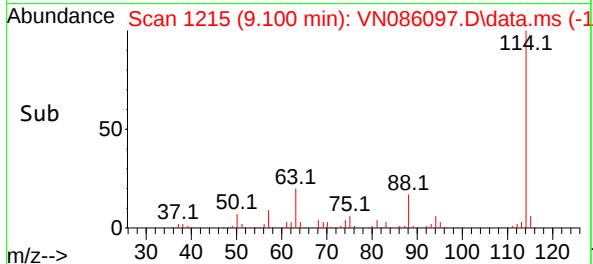
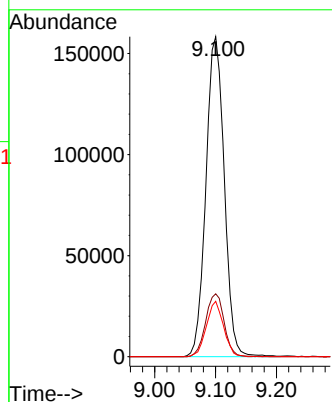
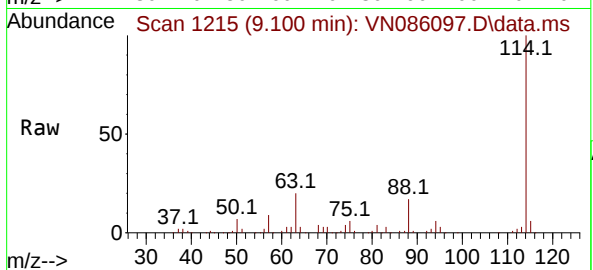




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

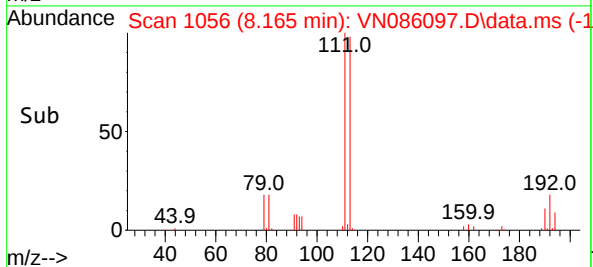
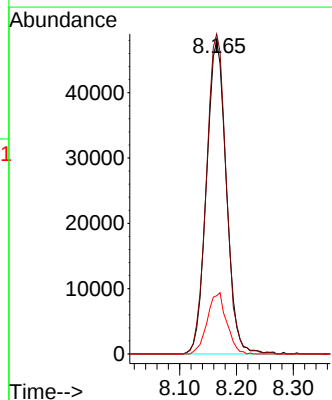
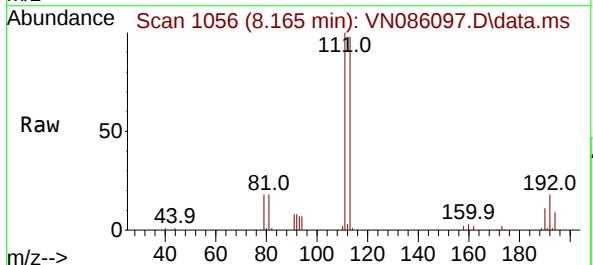
Instrument :
MSVOA_N
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PB167276ZHE#02

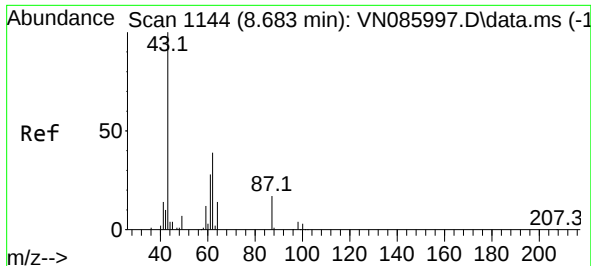
Tgt Ion:114 Resp: 331060
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.230 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

Tgt Ion:113 Resp: 116070
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.0 15.9 23.9

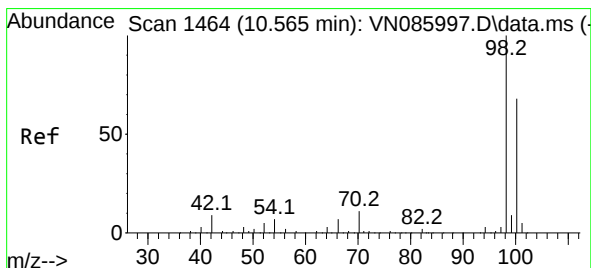
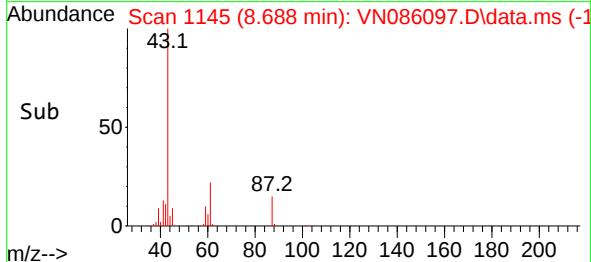
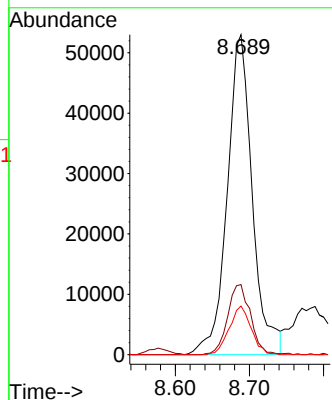
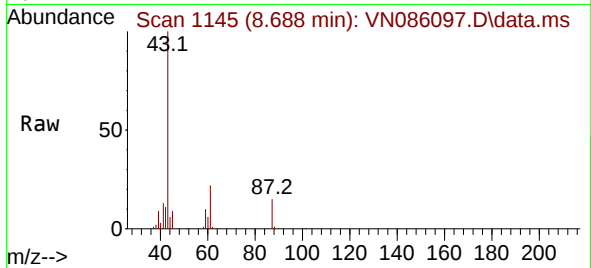




#43
Isopropyl Acetate
Concen: 22.418 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

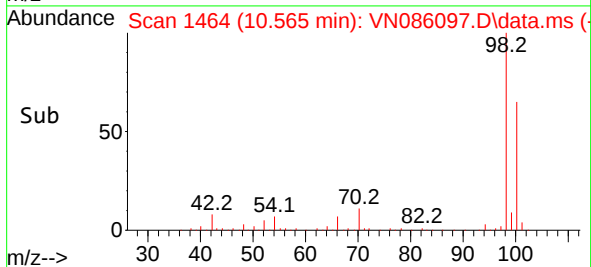
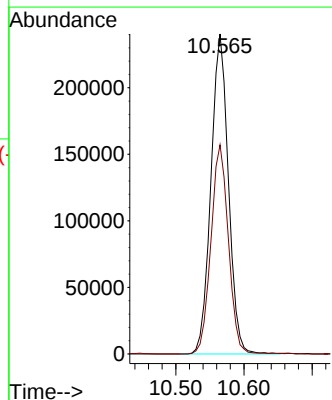
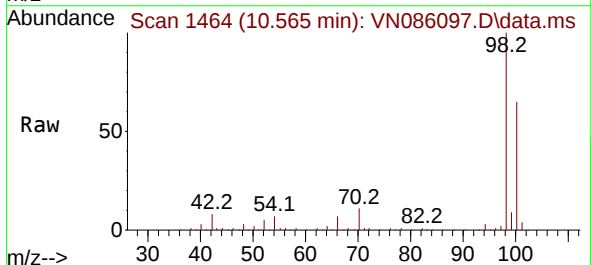
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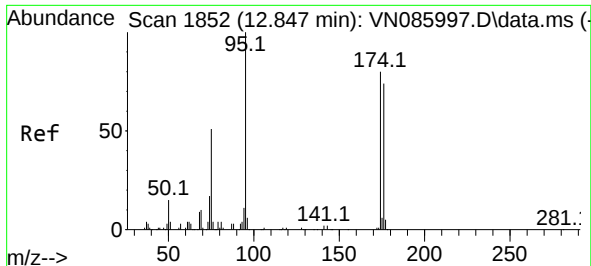
Tgt Ion: 43 Resp: 124701
Ion Ratio Lower Upper
43 100
61 20.1 25.0 37.6#
87 13.3 13.0 19.4



#50
Toluene-d8
Concen: 51.081 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

Tgt Ion: 98 Resp: 428386
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

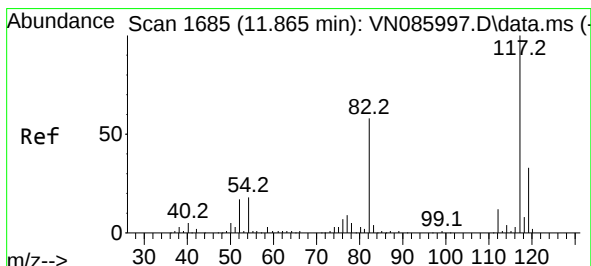
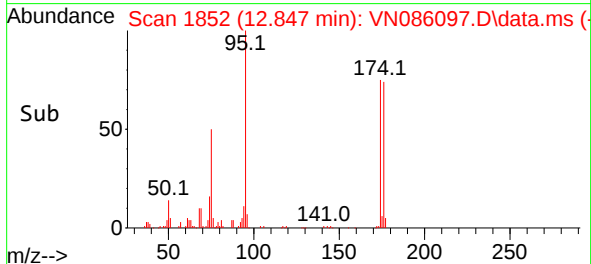
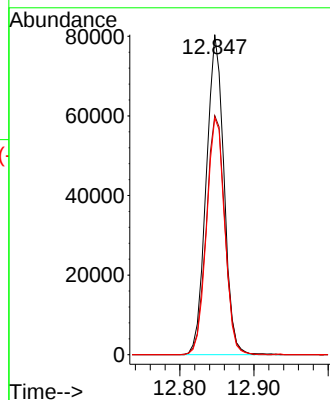
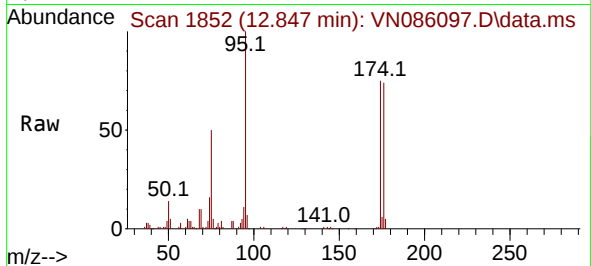




#62
4-Bromofluorobenzene
Concen: 44.588 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

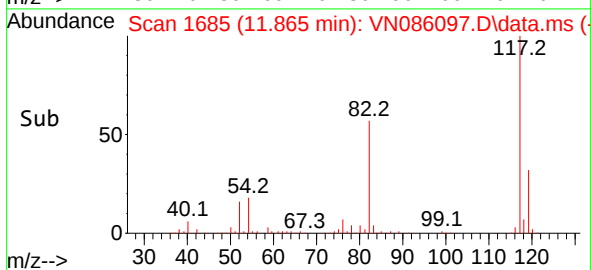
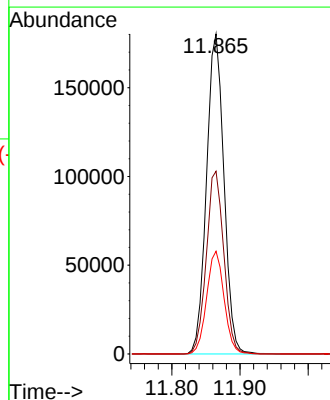
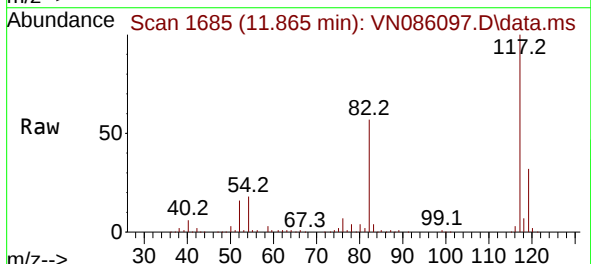
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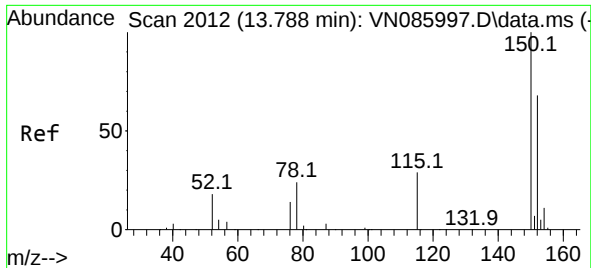
Tgt Ion: 95 Resp: 133356
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.8
176 75.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086097.D
Acq: 25 Mar 2025 13:52

Tgt Ion: 117 Resp: 320764
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 32.1 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: VN086097.D

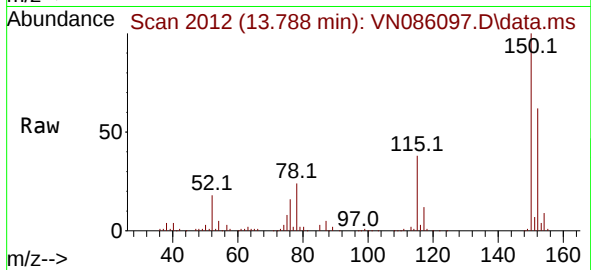
Acq: 25 Mar 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB167276ZHE#02



Tgt Ion:152 Resp: 123627

Ion Ratio Lower Upper

152 100

115 60.7 31.1 93.2

150 158.0 0.0 359.6

