

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086044.D
 Acq On : 21 Mar 2025 16:54
 Operator : JC\MD
 Sample : PB167234ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#04

Quant Time: Mar 21 23:00:37 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)

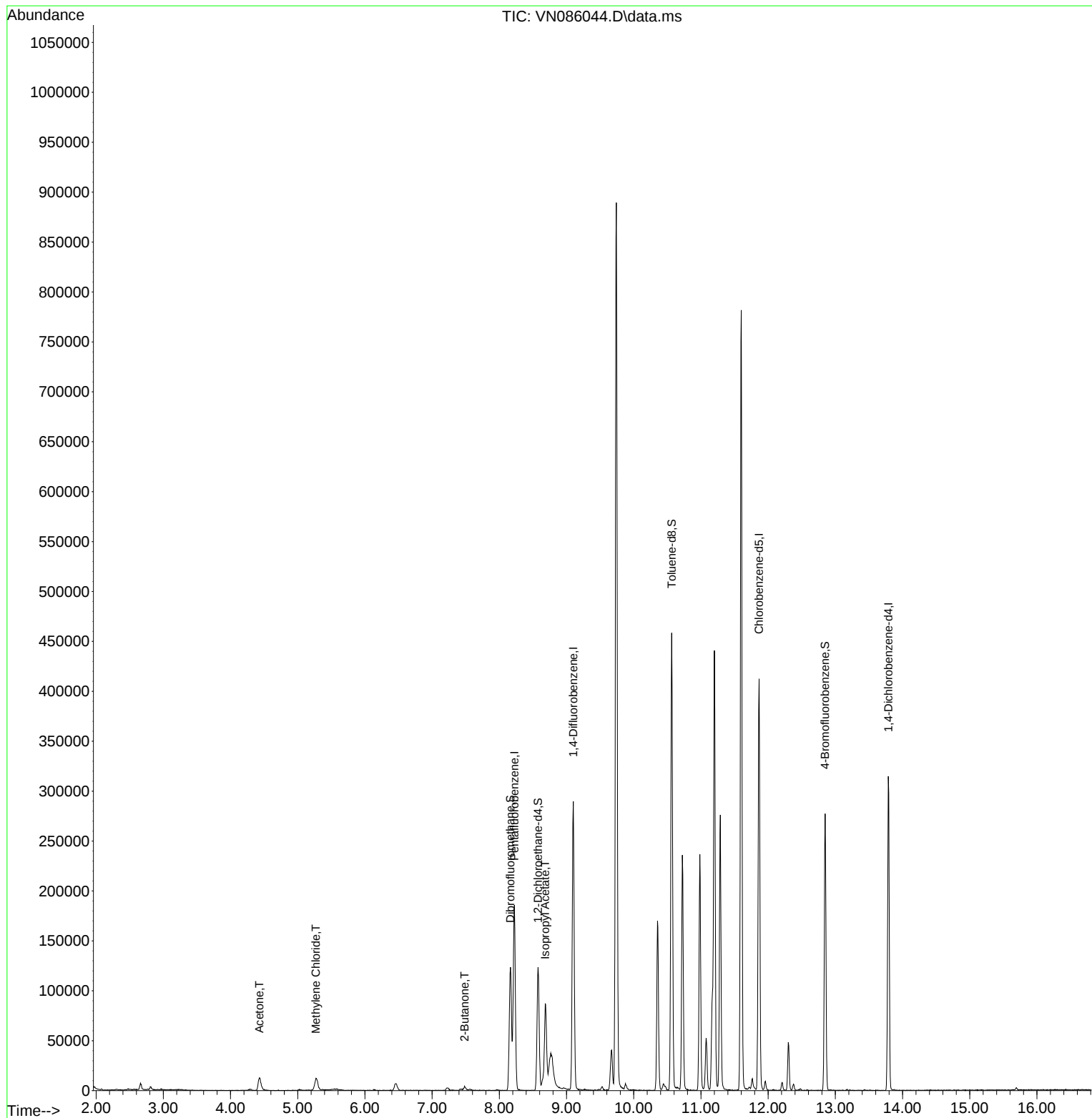
Internal Standards						
1) Pentafluorobenzene	8.224	168	131907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106159	58.773	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.540%		
35) Dibromofluoromethane	8.165	113	88362	51.241	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.480%		
50) Toluene-d8	10.565	98	319413	51.036	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.080%		
62) 4-Bromofluorobenzene	12.847	95	96964	43.443	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.880%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	24271	43.983	ug/l	98
20) Methylene Chloride	5.271	84	10469	6.485	ug/l	98
25) 2-Butanone	7.483	43	5697	7.155	ug/l	89
43) Isopropyl Acetate	8.683	43	97641	23.522	ug/l #	83

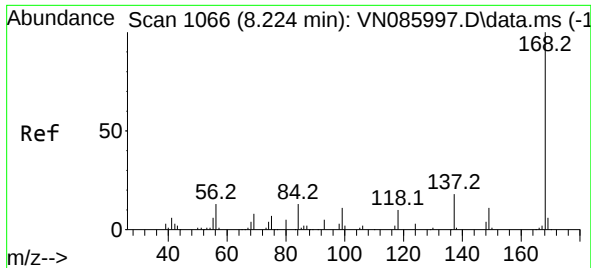
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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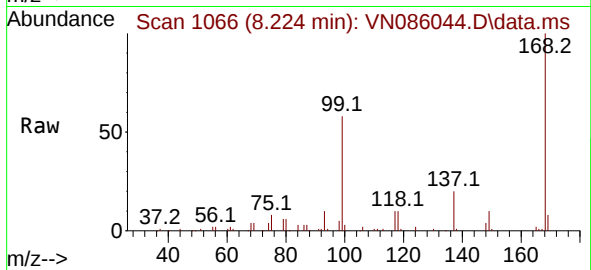
Quant Time: Mar 21 23:00:37 2025
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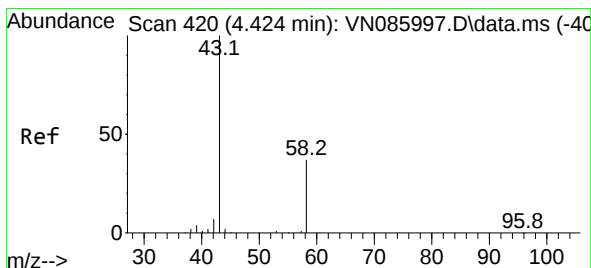
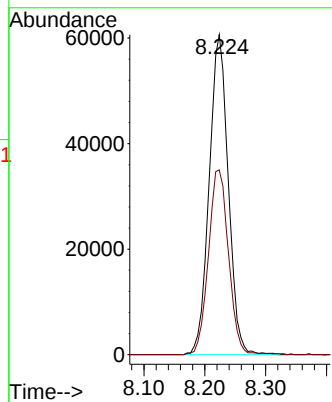
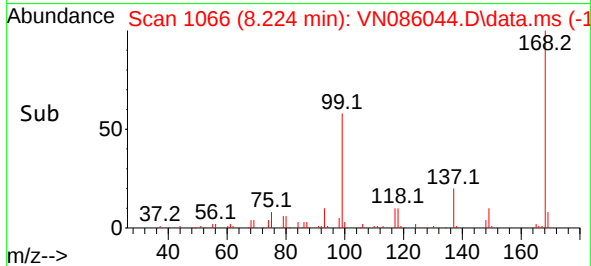


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#04

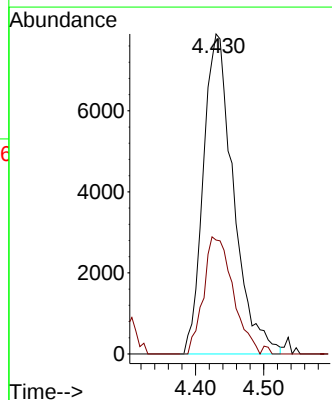
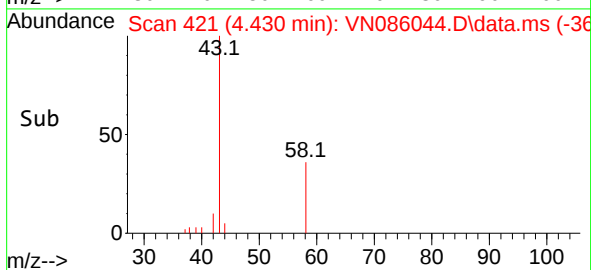
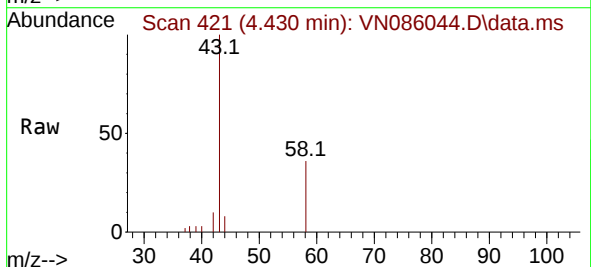


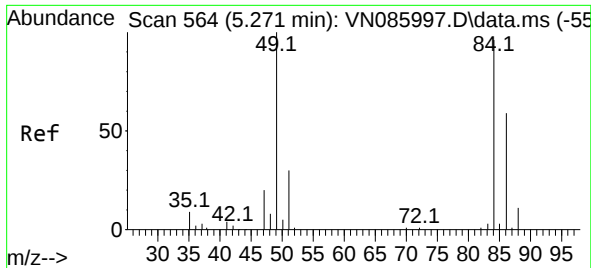
Tgt Ion:168 Resp: 131907
Ion Ratio Lower Upper
168 100
99 57.7 49.4 74.2



#16
Acetone
Concen: 43.983 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Tgt Ion: 43 Resp: 24271
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.2



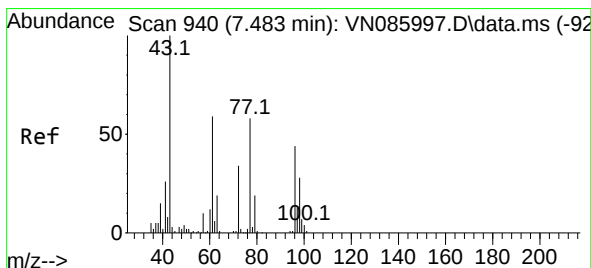
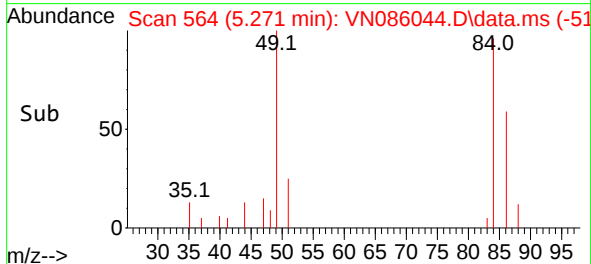
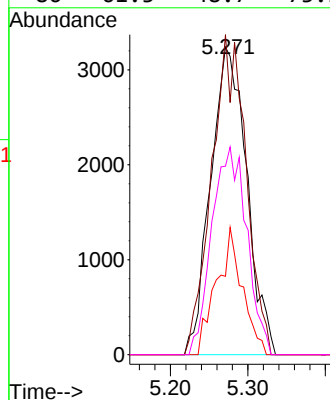
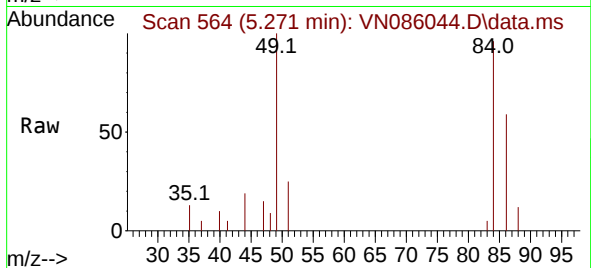


#20
Methylene Chloride
Concen: 6.485 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#04

Tgt Ion: 84 Resp: 10469

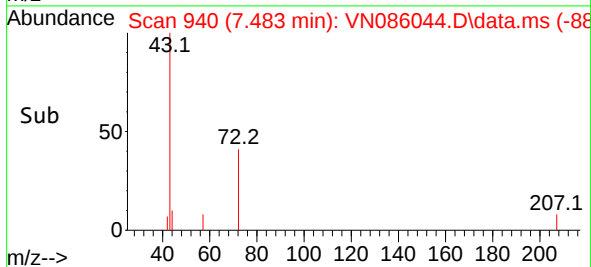
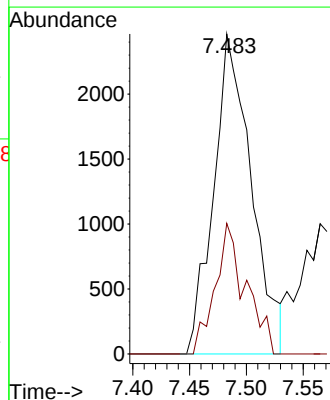
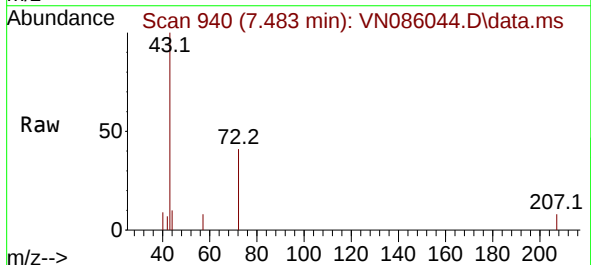
Ion	Ratio	Lower	Upper
84	100		
49	104.0	83.3	124.9
51	25.5	24.8	37.2
86	61.3	48.7	73.1

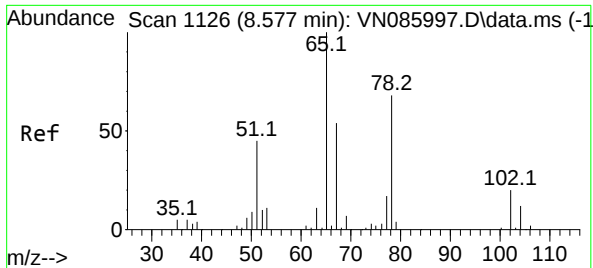


#25
2-Butanone
Concen: 7.155 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Tgt Ion: 43 Resp: 5697

Ion	Ratio	Lower	Upper
43	100		
72	40.8	27.4	41.0

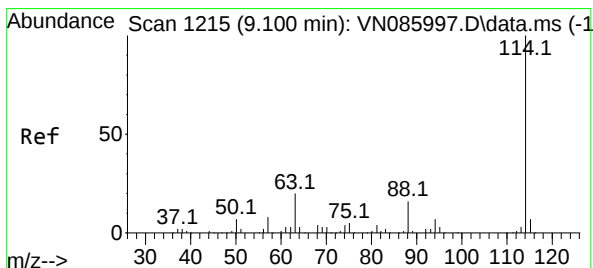
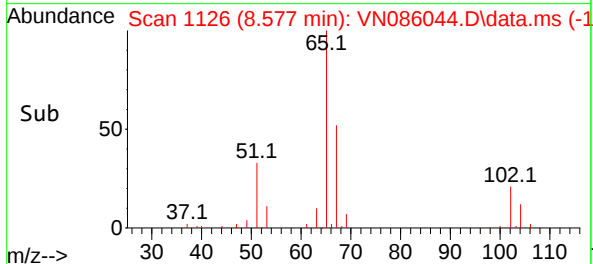
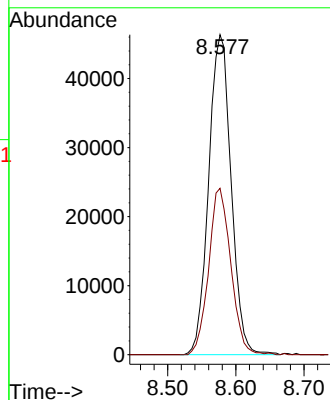
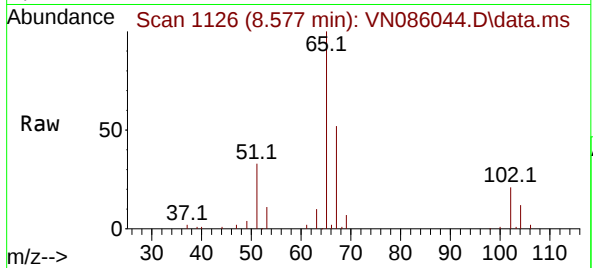




#33
 1,2-Dichloroethane-d4
 Concen: 58.773 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086044.D
 Acq: 21 Mar 2025 16:54

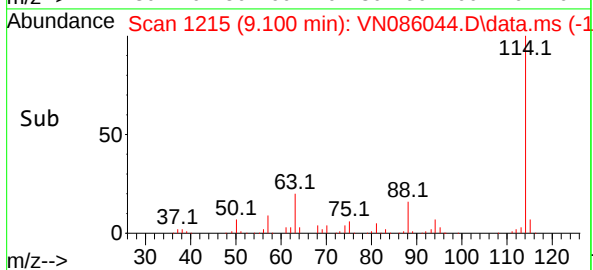
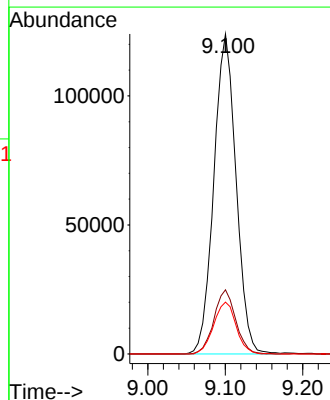
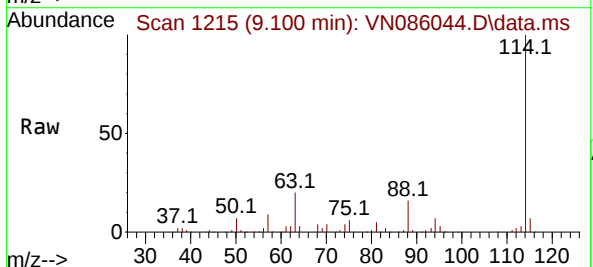
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#04

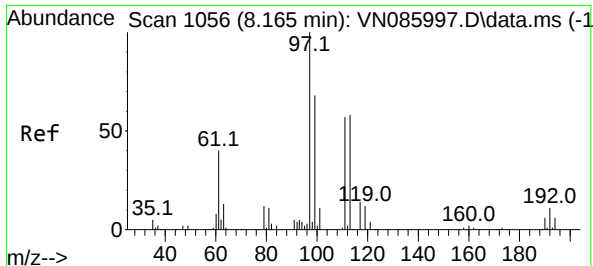
Tgt Ion: 65 Resp: 106159
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086044.D
 Acq: 21 Mar 2025 16:54

Tgt Ion: 114 Resp: 247060
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 16.2 0.0 32.6

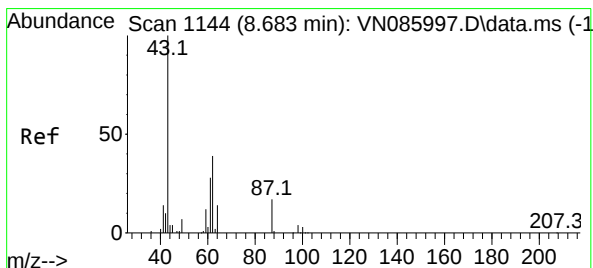
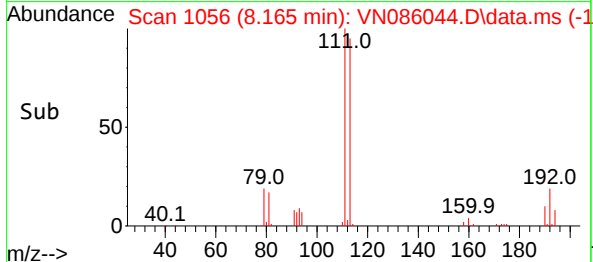
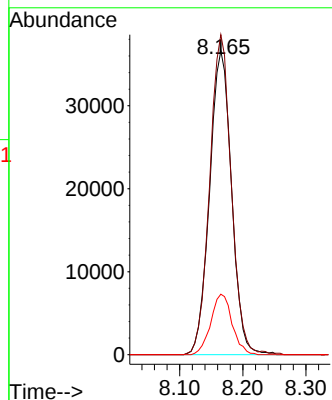
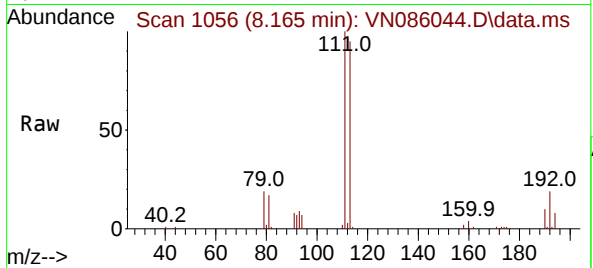




#35
Dibromofluoromethane
Concen: 51.241 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

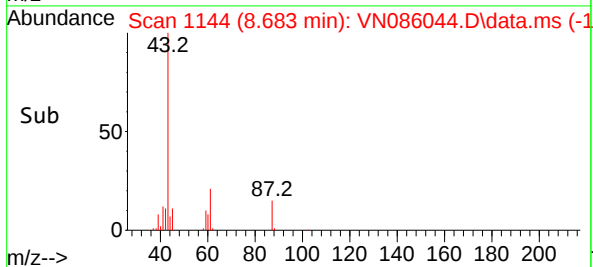
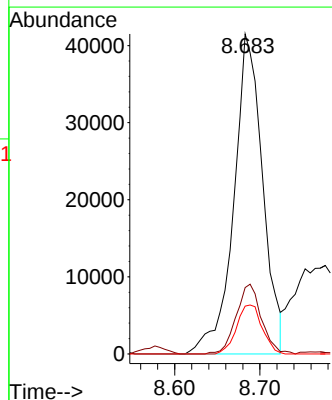
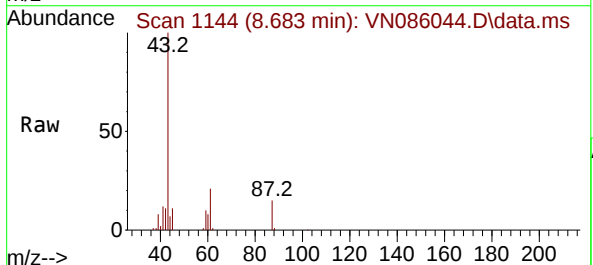
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#04

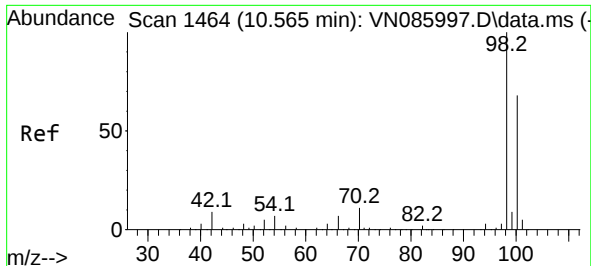
Tgt Ion:113 Resp: 88362
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 19.4 15.9 23.9



#43
Isopropyl Acetate
Concen: 23.522 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Tgt Ion: 43 Resp: 97641
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.6#
87 13.6 13.0 19.4

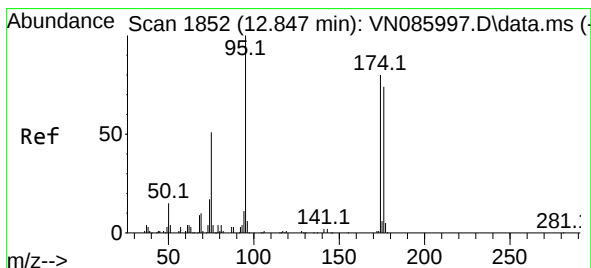
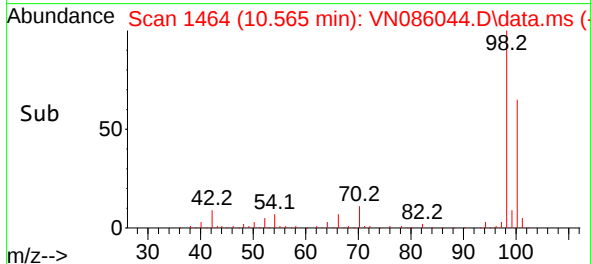
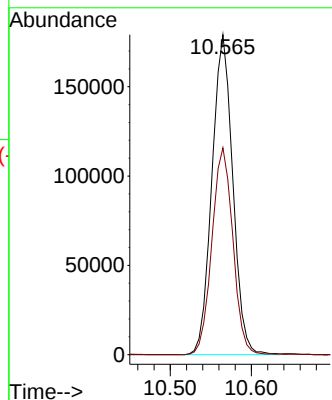
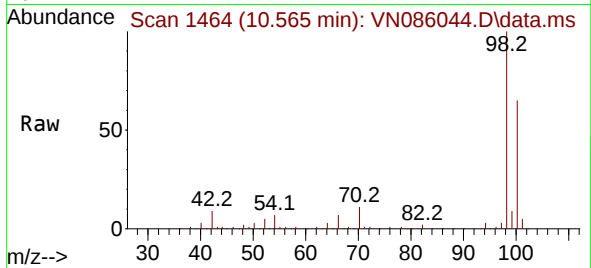




#50
Toluene-d8
Concen: 51.036 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

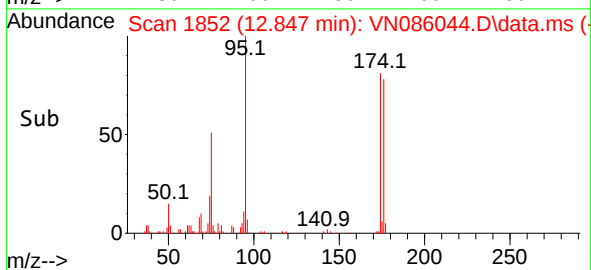
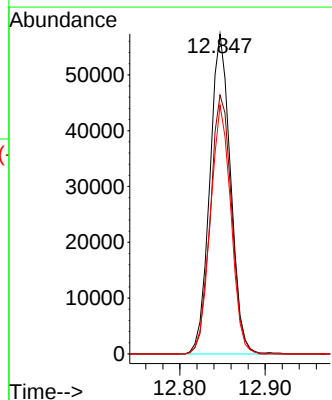
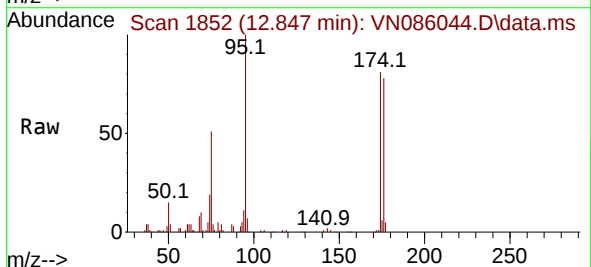
Instrument :
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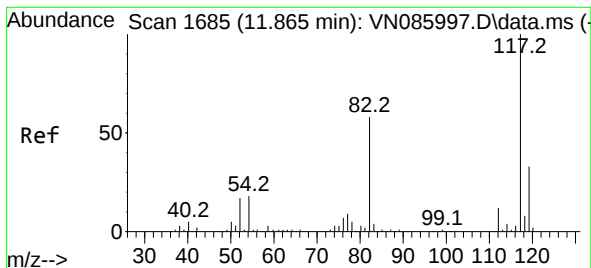
Tgt Ion: 98 Resp: 319413
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.443 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086044.D
Acq: 21 Mar 2025 16:54

Tgt Ion: 95 Resp: 96964
Ion Ratio Lower Upper
95 100
174 83.0 0.0 156.8
176 77.0 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086044.D

Acq: 21 Mar 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#04

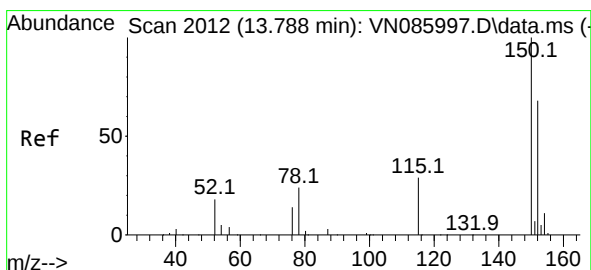
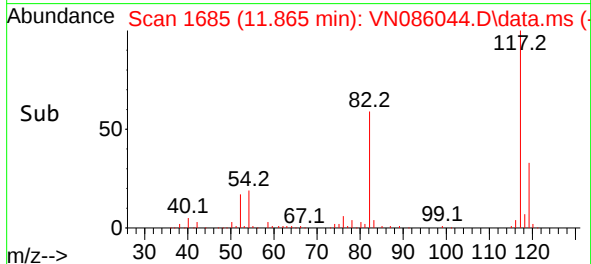
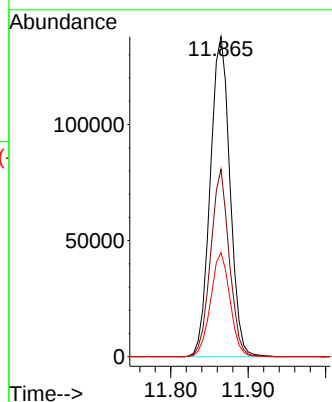
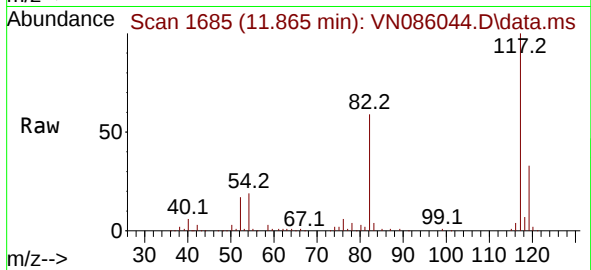
Tgt Ion:117 Resp: 243589

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086044.D

Acq: 21 Mar 2025 16:54

Tgt Ion:152 Resp: 89361

Ion Ratio Lower Upper

152 100

115 59.9 31.1 93.2

150 157.7 0.0 359.6

