

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086178.D
 Acq On : 31 Mar 2025 18:39
 Operator : JC\MD
 Sample : PB167374ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#02

Quant Time: Apr 01 01:39:17 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)

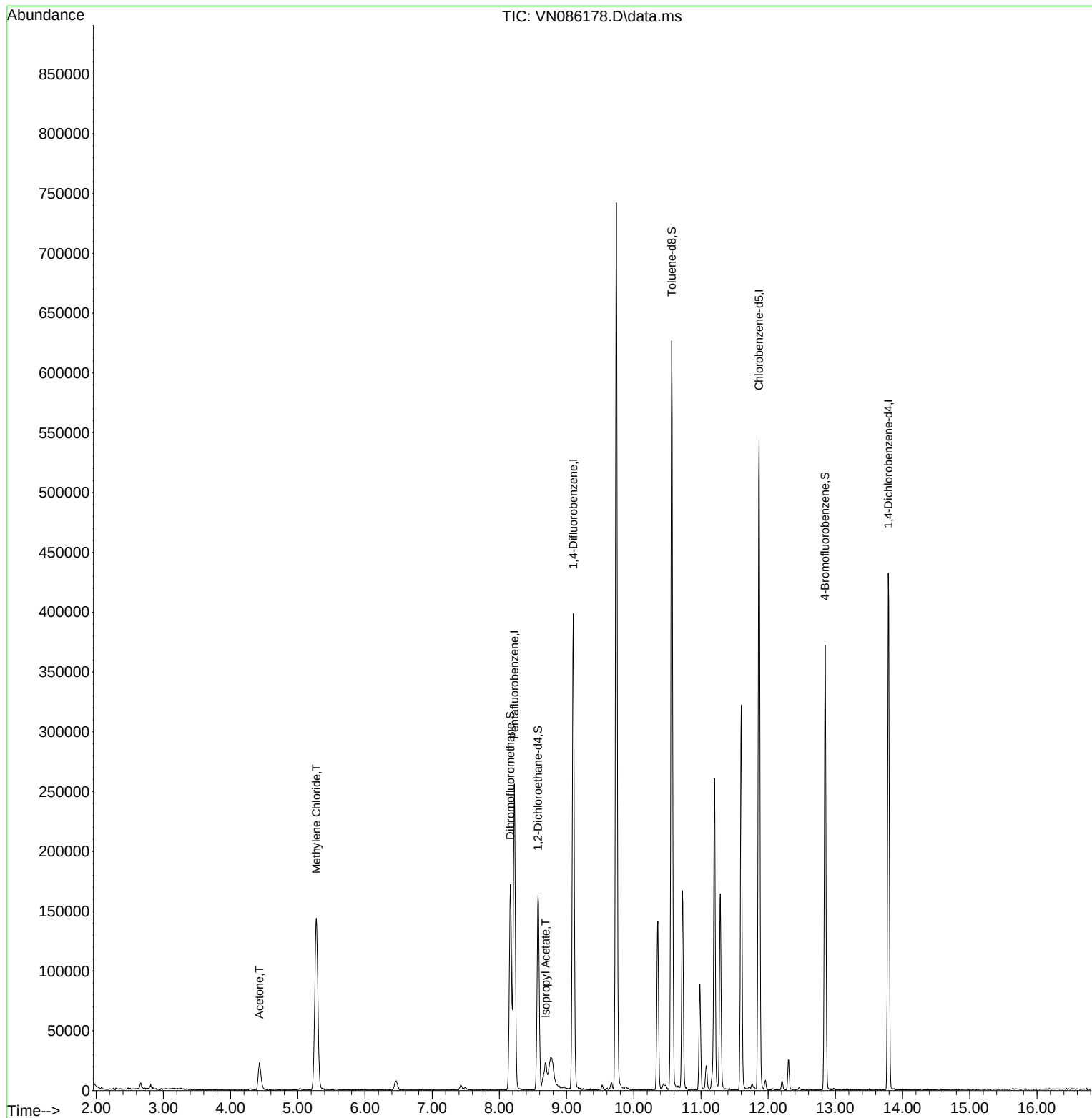
Internal Standards						
1) Pentafluorobenzene	8.224	168	181948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137306	55.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.220%
35) Dibromofluoromethane	8.165	113	124054	51.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.560%
50) Toluene-d8	10.565	98	447388	51.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.847	95	130386	42.051	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.100%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	42184	55.420	ug/l	99
20) Methylene Chloride	5.277	84	121332	54.488	ug/l	96
43) Isopropyl Acetate	8.688	43	29712	5.152	ug/l #	68

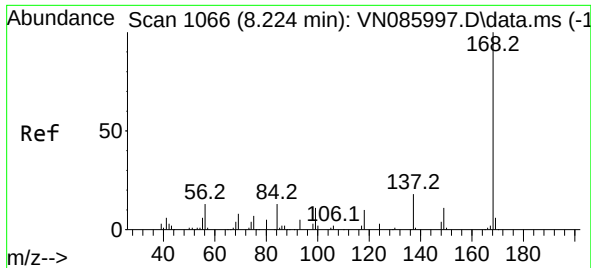
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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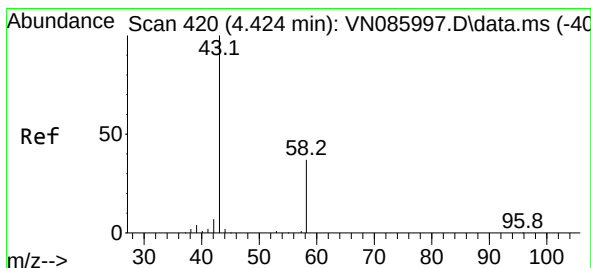
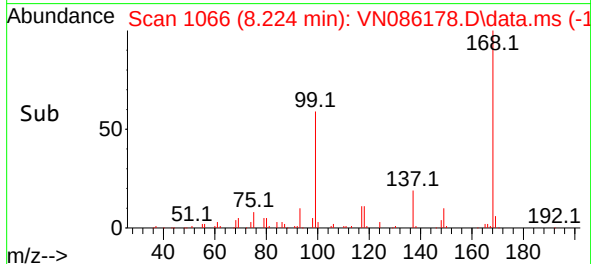
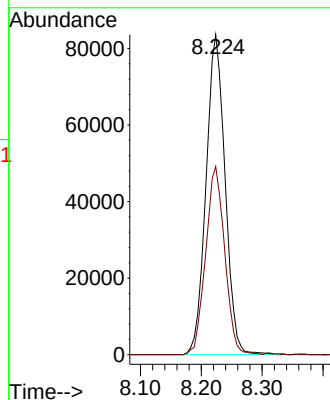
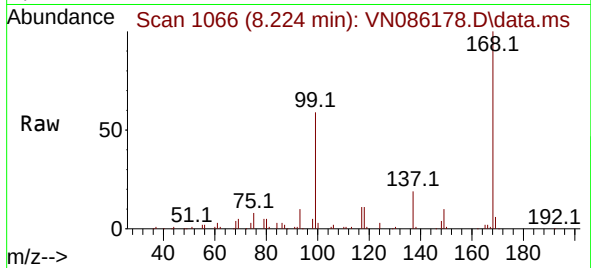




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

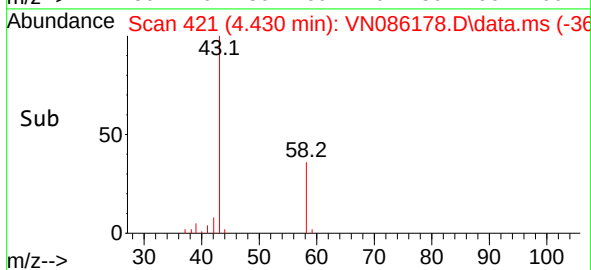
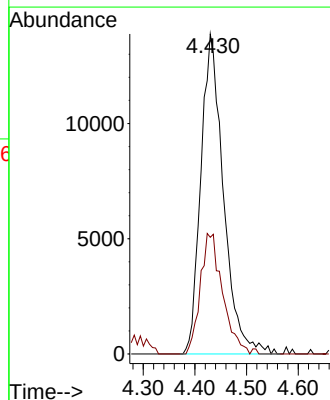
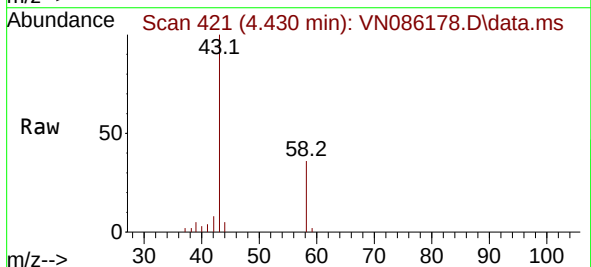
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

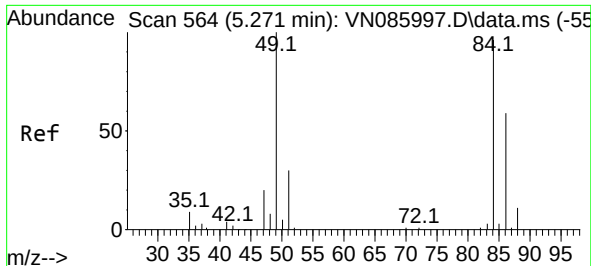
Tgt Ion:168 Resp: 181948
Ion Ratio Lower Upper
168 100
99 58.8 49.4 74.2



#16
Acetone
Concen: 55.420 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 43 Resp: 42184
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.2

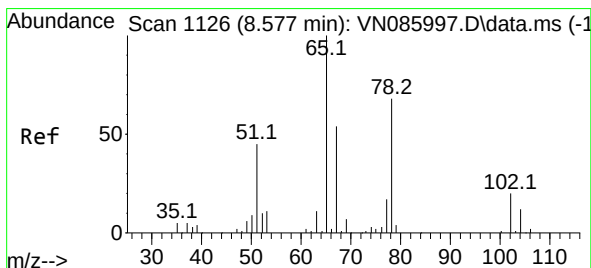
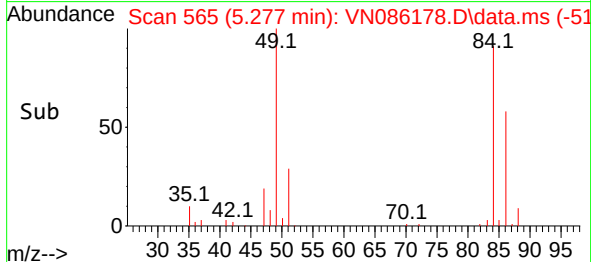
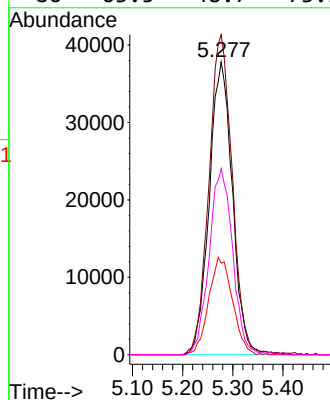
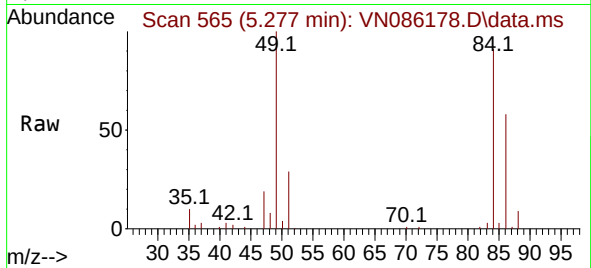




#20
Methylene Chloride
Concen: 54.488 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

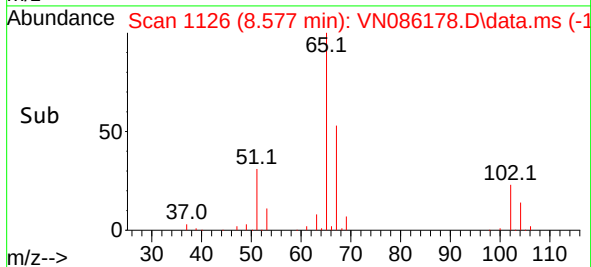
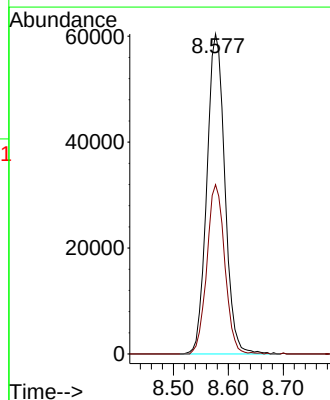
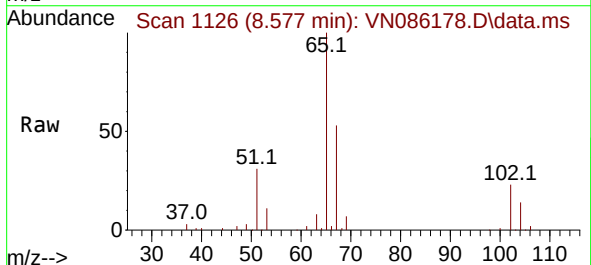
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

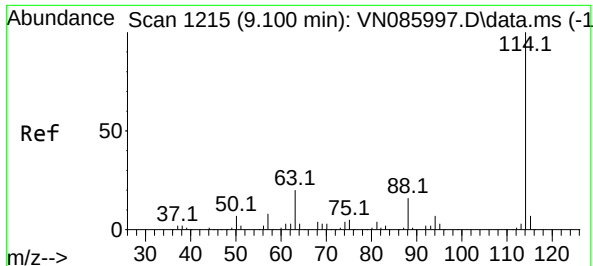
Tgt Ion: 84 Resp: 121332
Ion Ratio Lower Upper
84 100
49 109.3 83.3 124.9
51 31.3 24.8 37.2
86 63.5 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 55.110 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 65 Resp: 137306
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.2

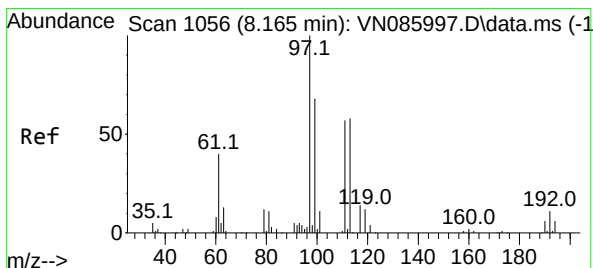
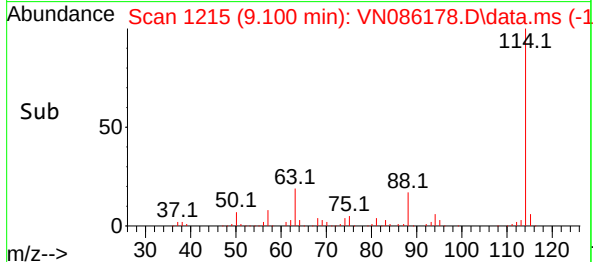
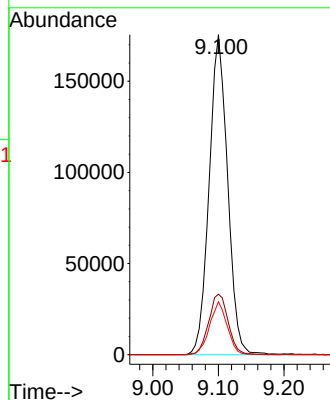
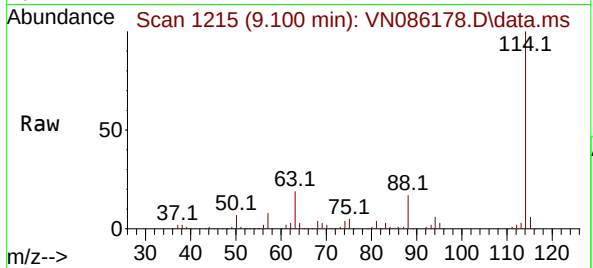




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

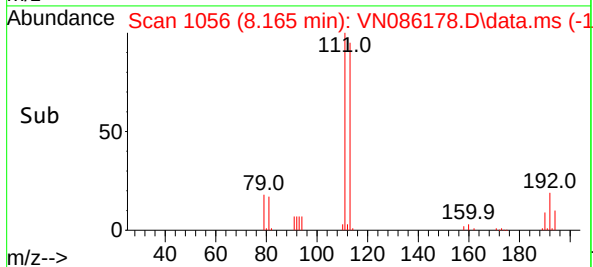
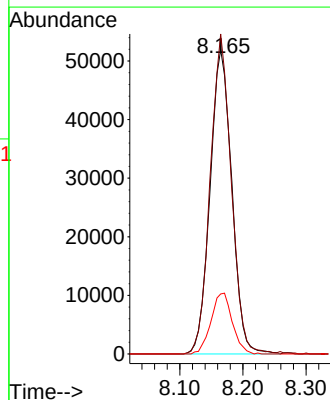
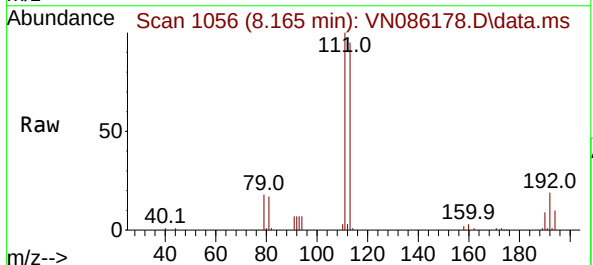
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

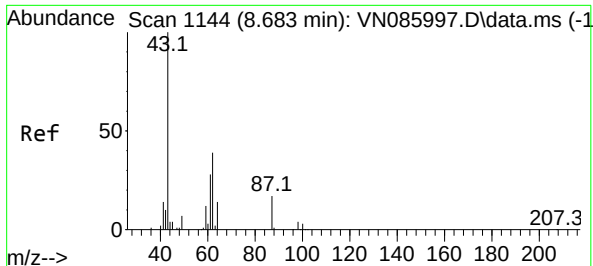
Tgt Ion:114 Resp: 343213
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

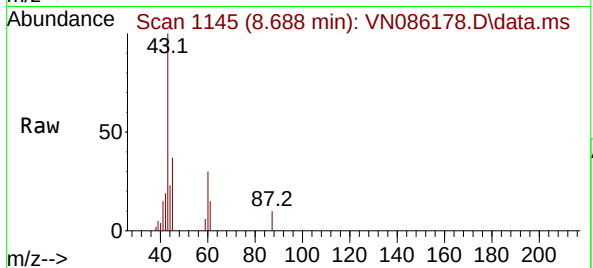
Tgt Ion:113 Resp: 124054
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 19.6 15.9 23.9



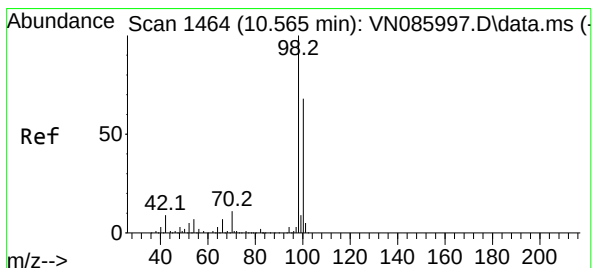
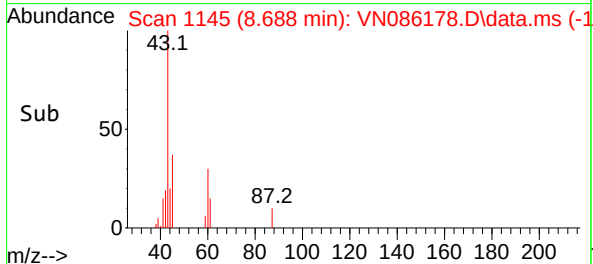
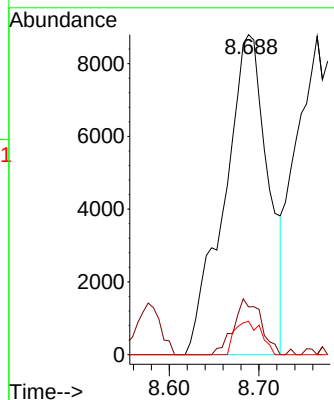


#43
Isopropyl Acetate
Concen: 5.152 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

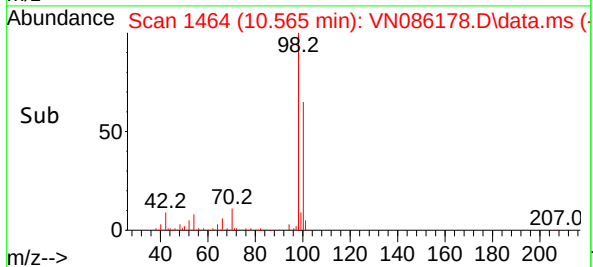
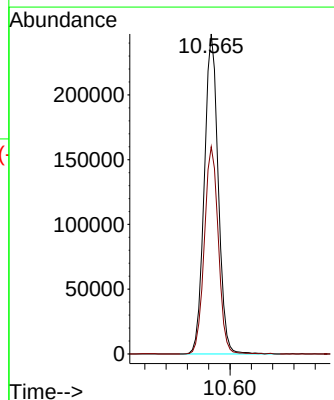
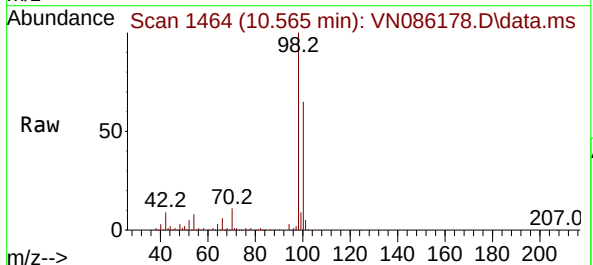


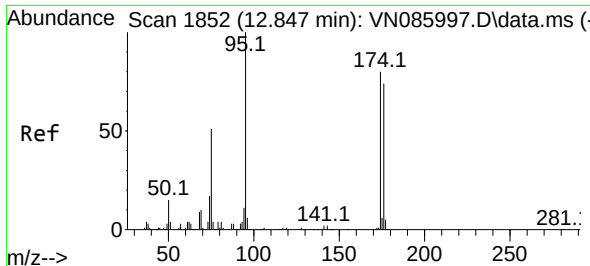
Tgt Ion: 43 Resp: 29712
Ion Ratio Lower Upper
43 100
61 11.0 25.0 37.6#
87 6.3 13.0 19.4#



#50
Toluene-d8
Concen: 51.458 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 98 Resp: 447388
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

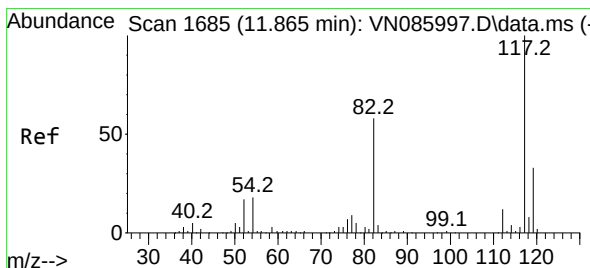
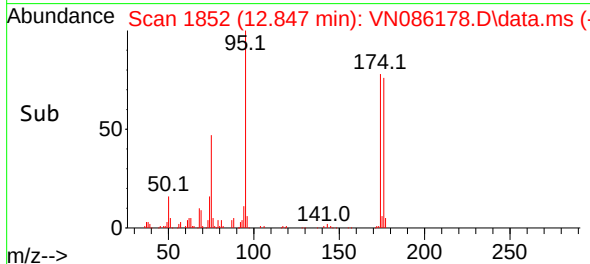
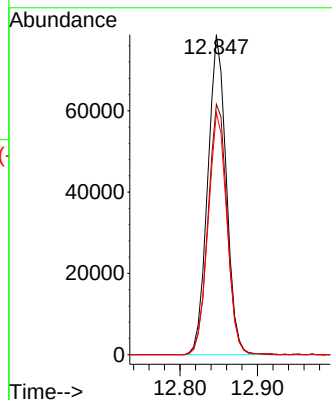
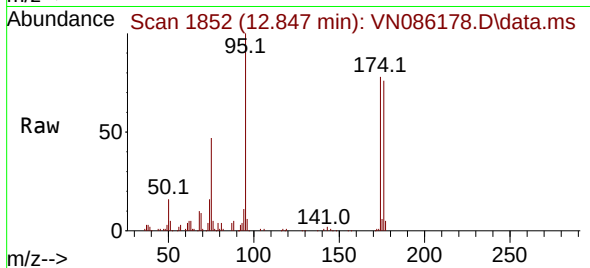




#62
4-Bromofluorobenzene
Concen: 42.051 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

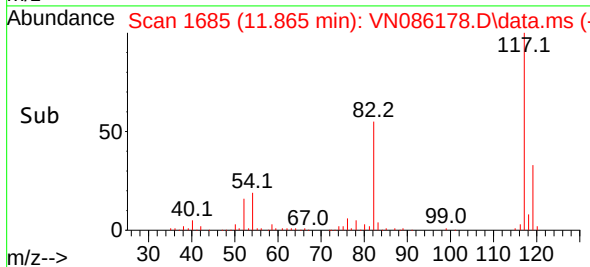
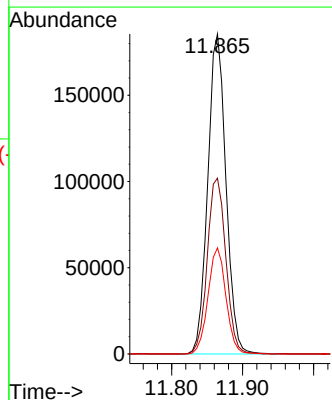
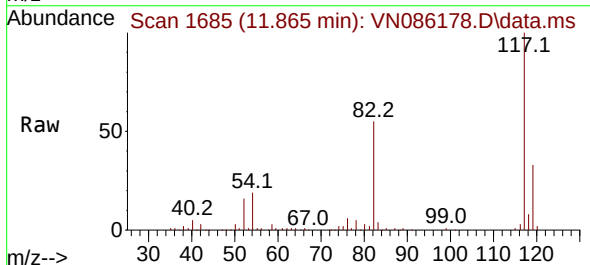
Instrument :
MSVOA_N
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PB167374ZHE#02

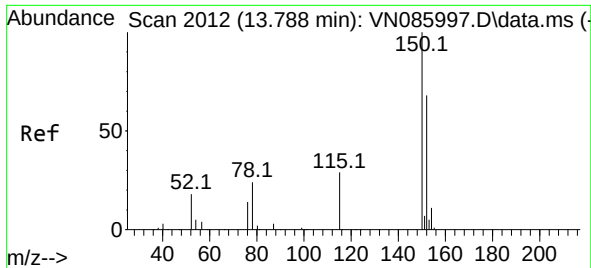
Tgt Ion: 95 Resp: 130386
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 76.9 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

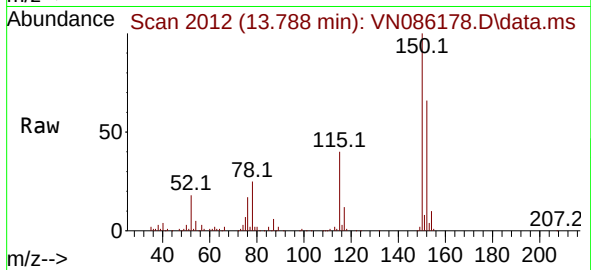
Tgt Ion: 117 Resp: 330122
Ion Ratio Lower Upper
117 100
82 55.0 46.7 70.1
119 33.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086178.D
 Acq: 31 Mar 2025 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#02



Tgt Ion:152 Resp: 123339
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.1 93.2
 150 156.0 0.0 359.6

