

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086180.D
 Acq On : 31 Mar 2025 19:27
 Operator : JC\MD
 Sample : PB167374ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#04

Quant Time: Apr 01 01:39:52 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)

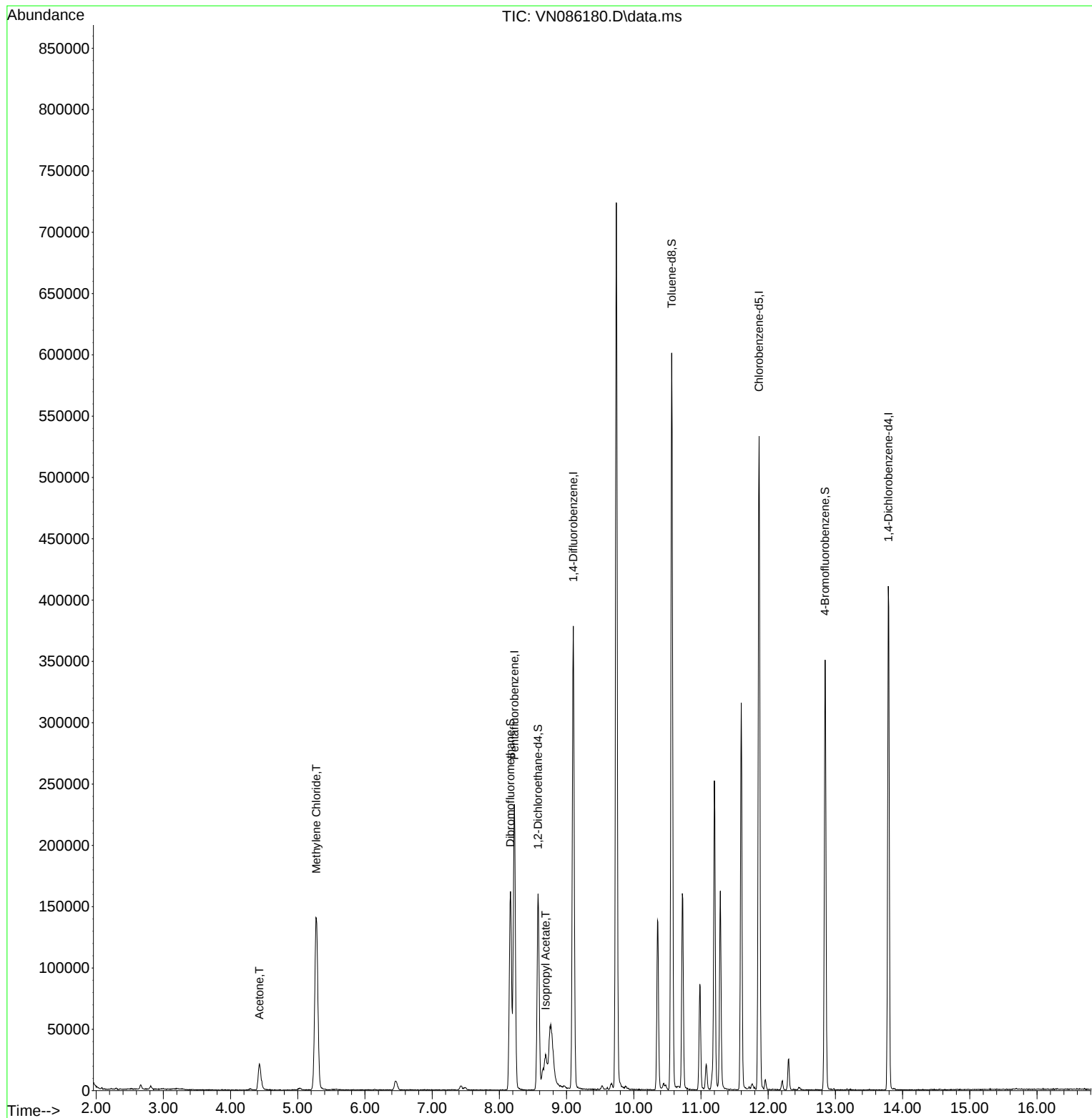
Internal Standards						
1) Pentafluorobenzene	8.224	168	168235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131644	57.144	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.280%	
35) Dibromofluoromethane	8.165	113	119318	51.548	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.100%	
50) Toluene-d8	10.565	98	425361	50.634	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.260%	
62) 4-Bromofluorobenzene	12.847	95	123959	41.376	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	82.760%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	40270	57.218	ug/l	97
20) Methylene Chloride	5.277	84	121036	58.786	ug/l	96
43) Isopropyl Acetate	8.688	43	40429	7.256	ug/l #	64

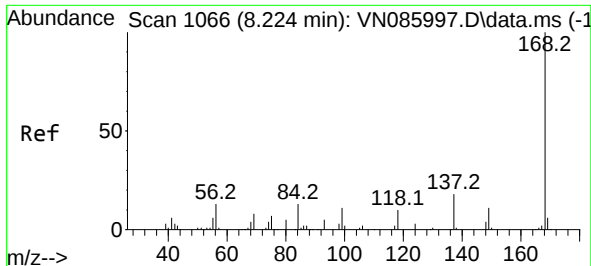
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086180.D
Acq On : 31 Mar 2025 19:27
Operator : JC\MD
Sample : PB167374ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

Quant Time: Apr 01 01:39:52 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

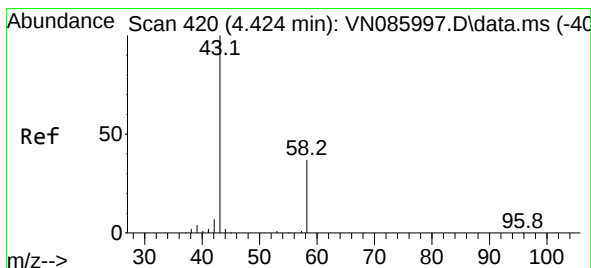
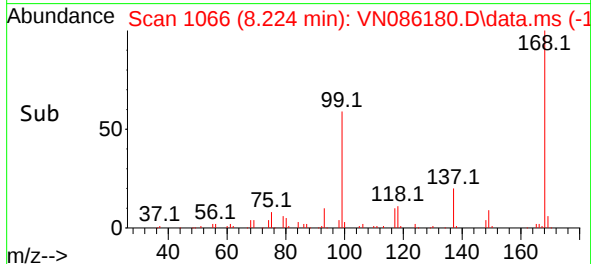
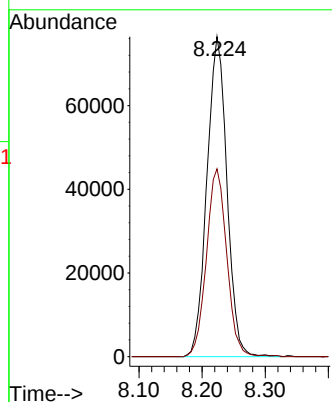
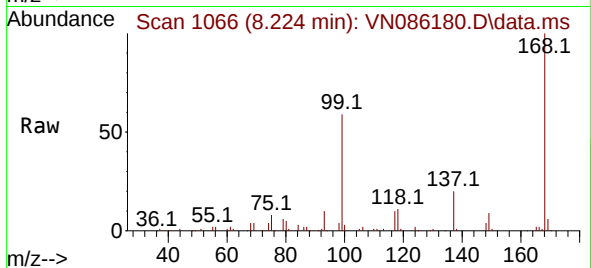




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

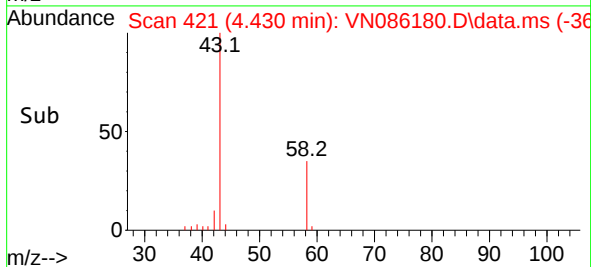
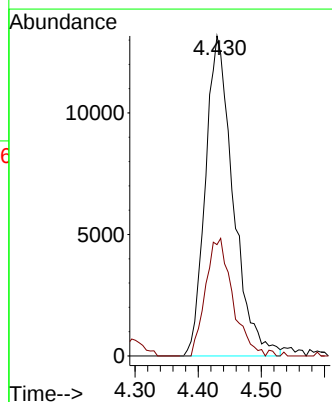
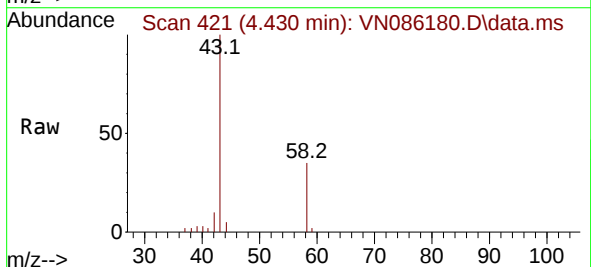
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

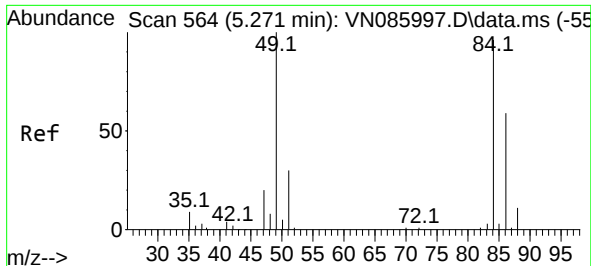
Tgt Ion:168 Resp: 168235
Ion Ratio Lower Upper
168 100
99 58.7 49.4 74.2



#16
Acetone
Concen: 57.218 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

Tgt Ion: 43 Resp: 40270
Ion Ratio Lower Upper
43 100
58 34.8 29.4 44.2

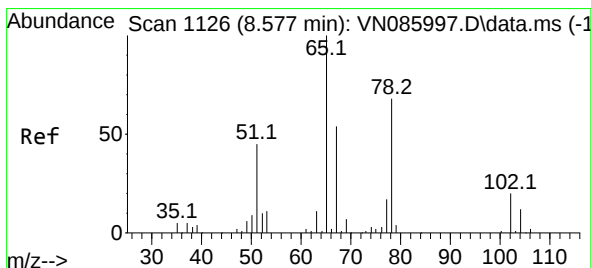
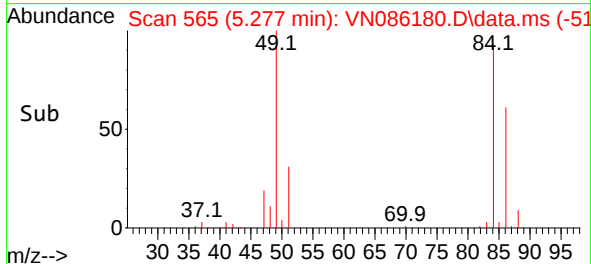
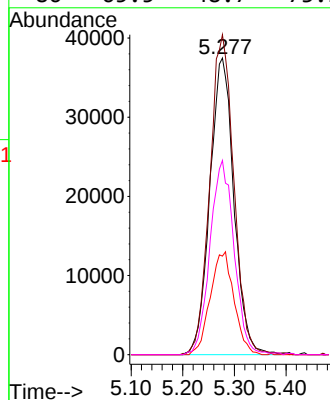
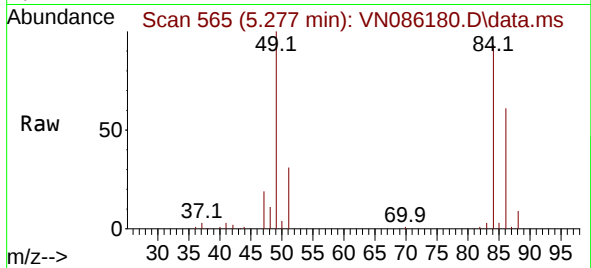




#20
Methylene Chloride
Concen: 58.786 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

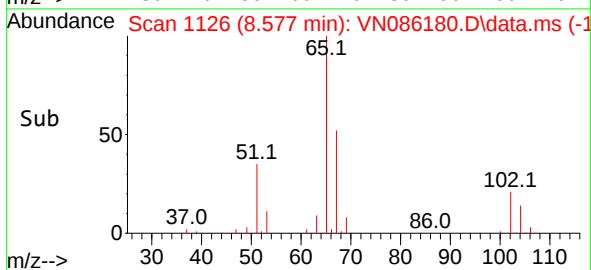
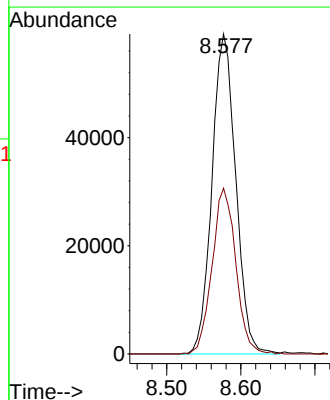
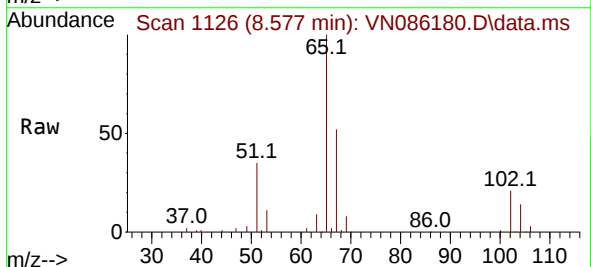
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

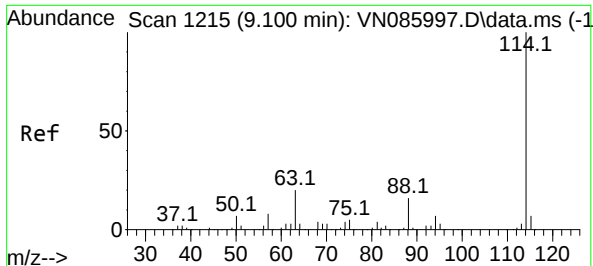
Tgt Ion: 84	Resp: 121036
Ion Ratio	Lower Upper
84 100	
49 107.9	83.3 124.9
51 33.2	24.8 37.2
86 65.5	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 57.144 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

Tgt Ion: 65	Resp: 131644
Ion Ratio	Lower Upper
65 100	
67 51.8	0.0 102.2

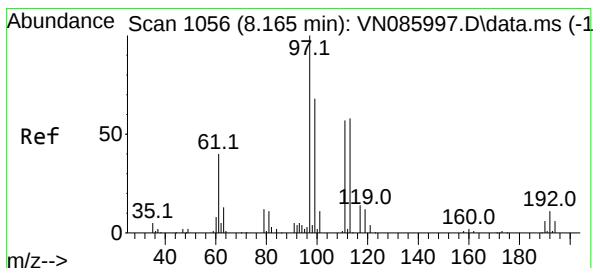
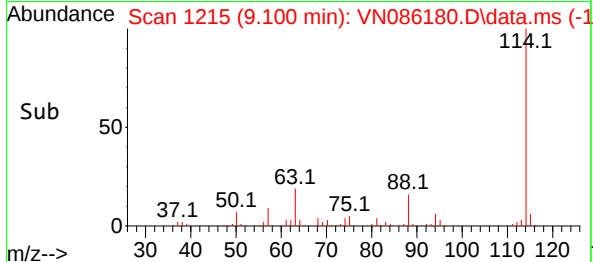
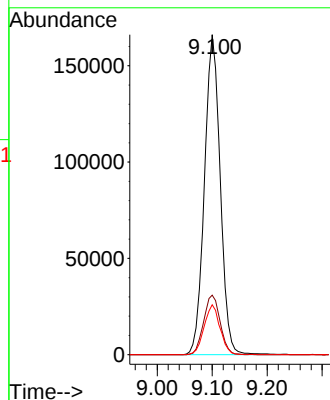
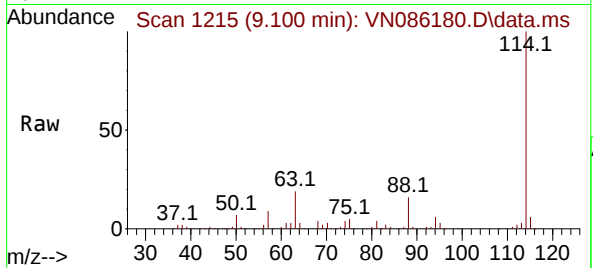




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

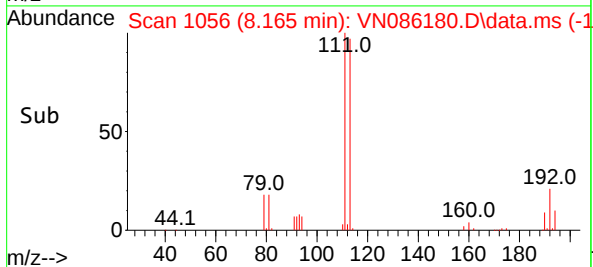
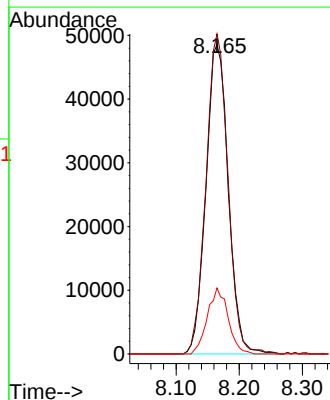
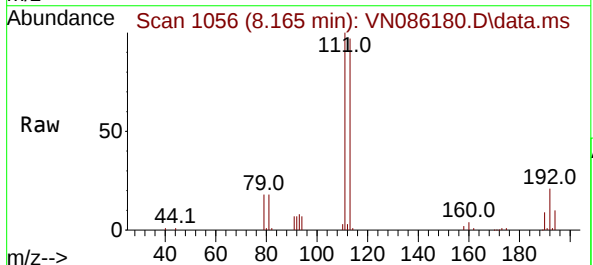
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

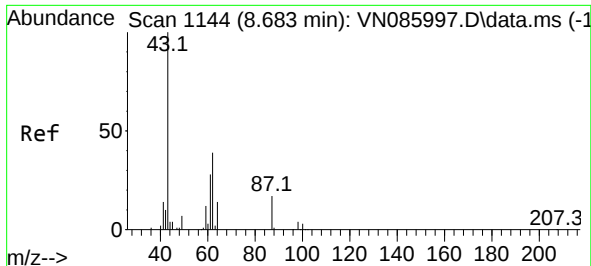
Tgt Ion:114 Resp: 331623
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.548 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

Tgt Ion:113 Resp: 119318
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 19.8 15.9 23.9

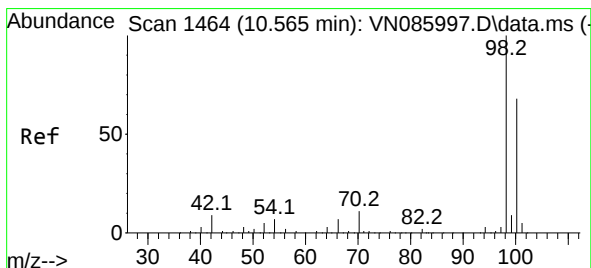
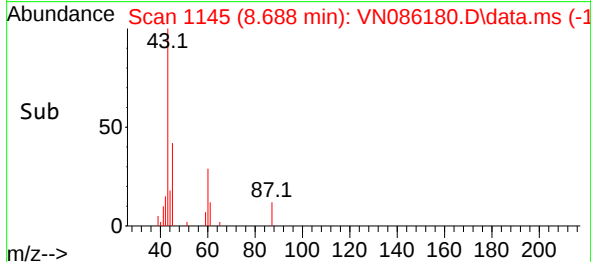
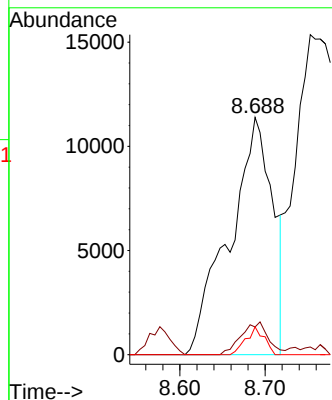
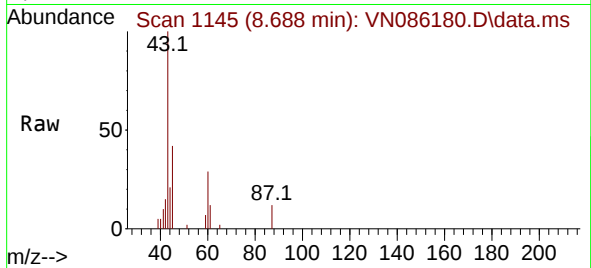




#43
Isopropyl Acetate
Concen: 7.256 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

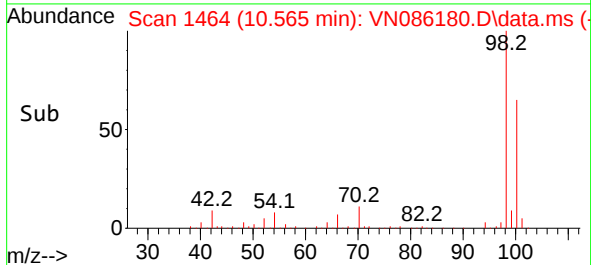
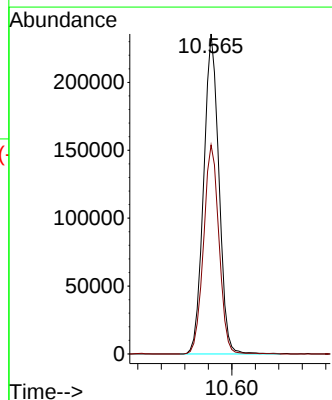
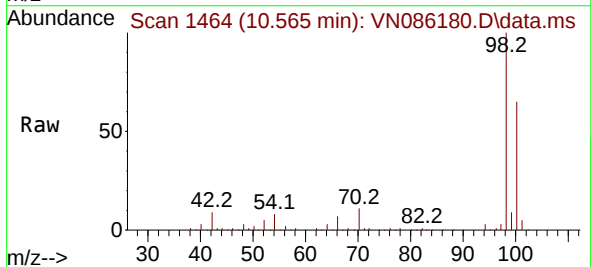
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

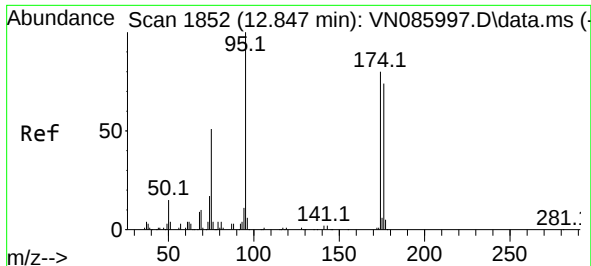
Tgt Ion: 43 Resp: 40429
Ion Ratio Lower Upper
43 100
61 8.6 25.0 37.6#
87 4.9 13.0 19.4#



#50
Toluene-d8
Concen: 50.634 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

Tgt Ion: 98 Resp: 425361
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

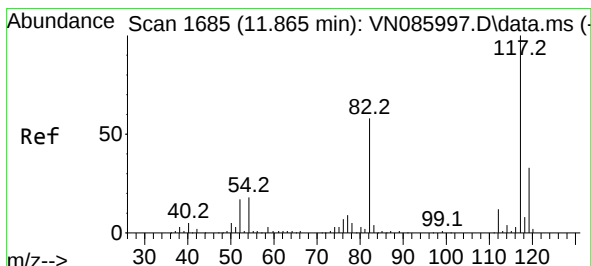
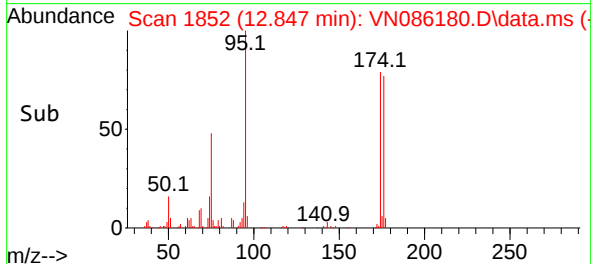
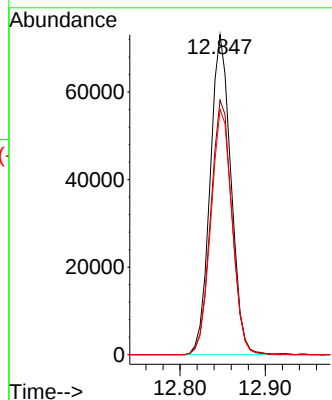
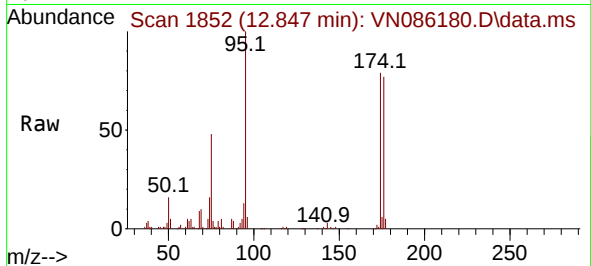




#62
4-Bromofluorobenzene
Concen: 41.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

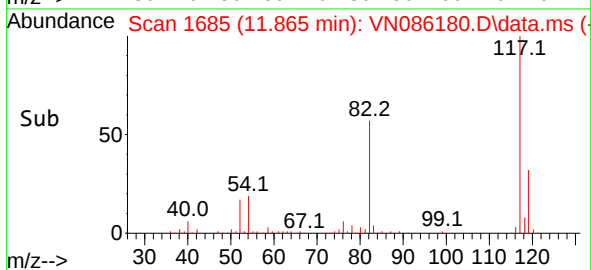
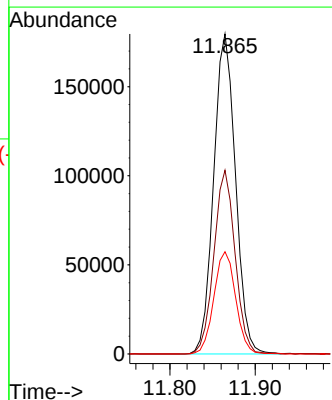
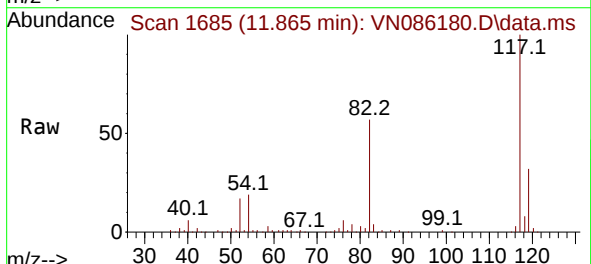
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#04

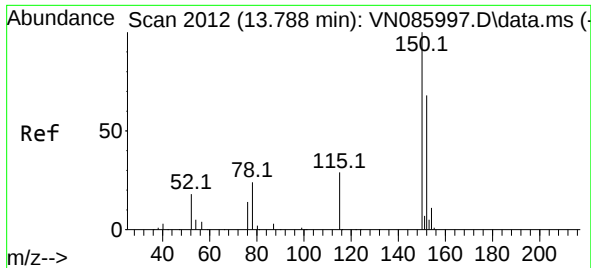
Tgt Ion: 95 Resp: 123959
Ion Ratio Lower Upper
95 100
174 81.1 0.0 156.8
176 78.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086180.D
Acq: 31 Mar 2025 19:27

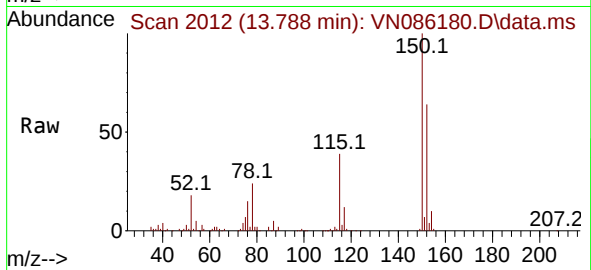
Tgt Ion: 117 Resp: 319378
Ion Ratio Lower Upper
117 100
82 57.4 46.7 70.1
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086180.D
 Acq: 31 Mar 2025 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#04



Tgt Ion:152 Resp: 117711
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.1 93.2
 150 158.3 0.0 359.6

