

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086010.D
 Acq On : 19 Mar 2025 15:38
 Operator : JC\MD
 Sample : PB167194TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194TB

Quant Time: Mar 20 02:39:53 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)

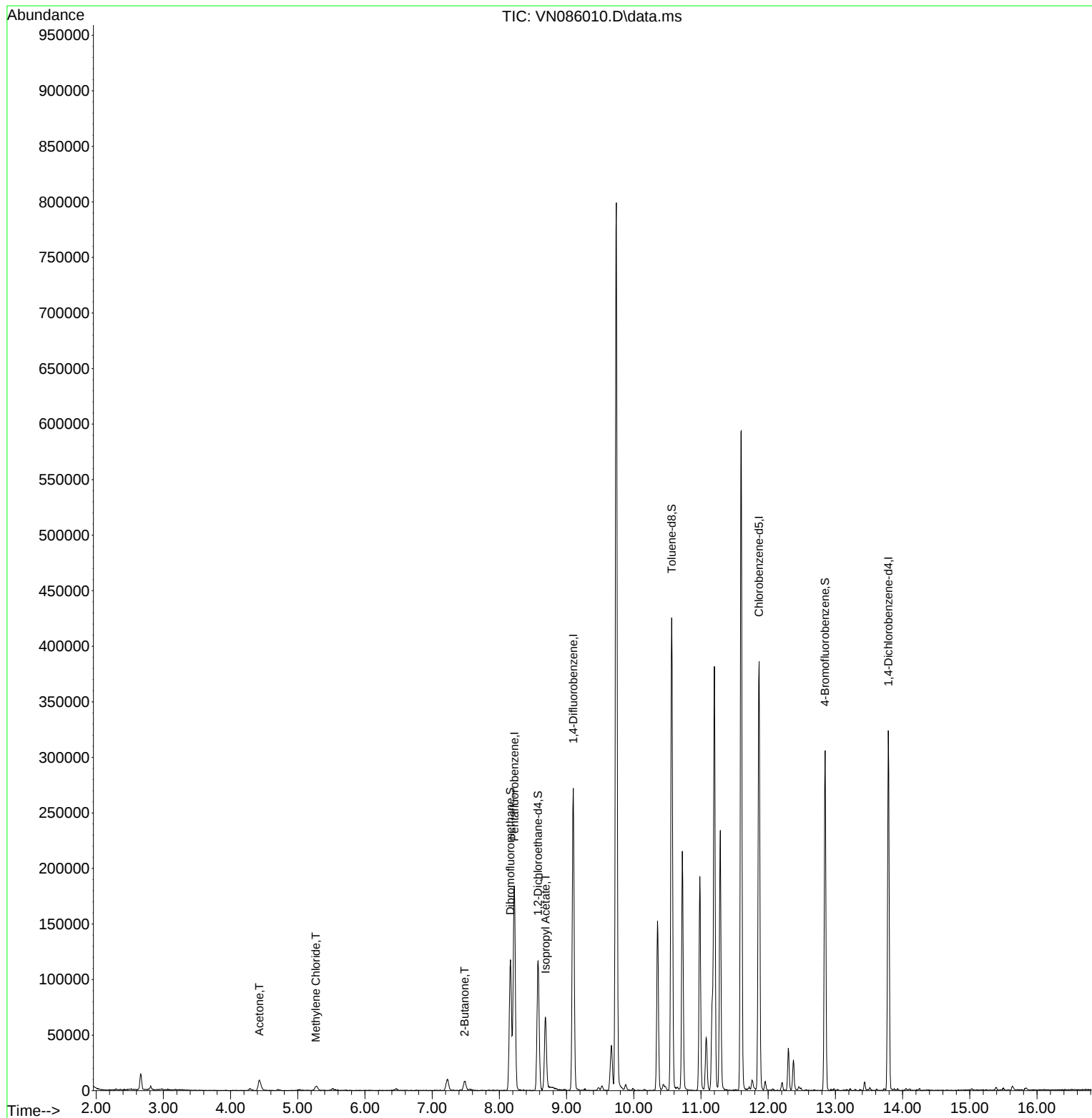
Internal Standards						
1) Pentafluorobenzene	8.224	168	133320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101472	55.583	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.160%	
35) Dibromofluoromethane	8.165	113	83323	50.641	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.280%	
50) Toluene-d8	10.565	98	307423	51.482	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.960%	
62) 4-Bromofluorobenzene	12.847	95	105109	49.356	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	18485	33.143	ug/l	97
20) Methylene Chloride	5.271	84	3742	2.293	ug/l #	86
25) 2-Butanone	7.483	43	14048	17.456	ug/l	91
43) Isopropyl Acetate	8.688	43	71761	18.118	ug/l #	89

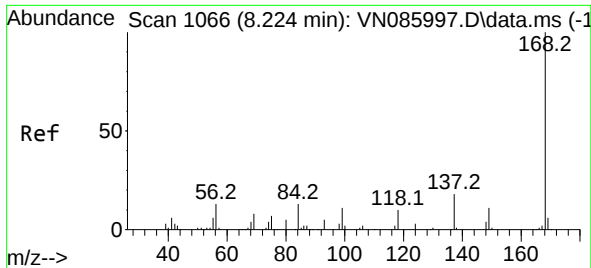
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
Data File : VN086010.D
Acq On : 19 Mar 2025 15:38
Operator : JC\MD
Sample : PB167194TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

Quant Time: Mar 20 02:39:53 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

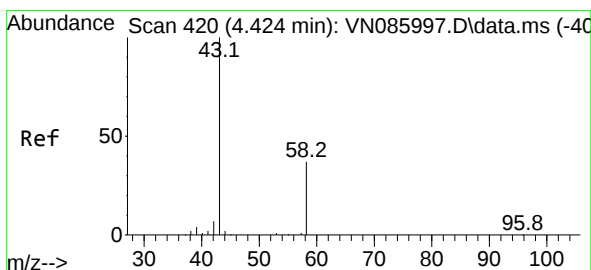
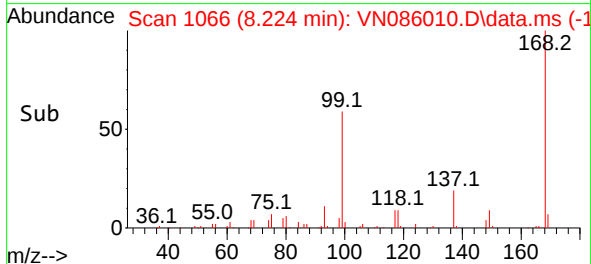
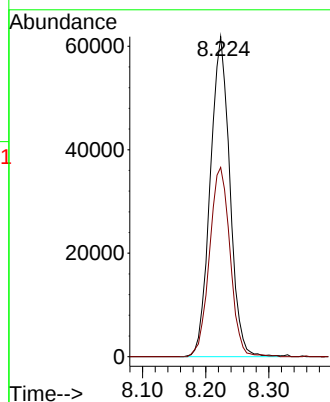
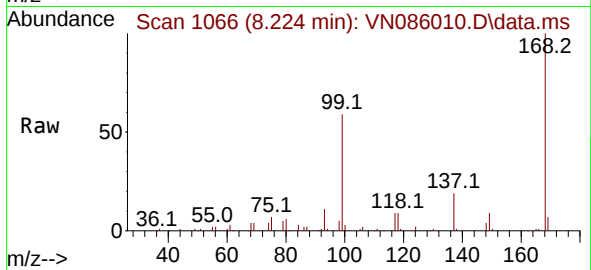




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

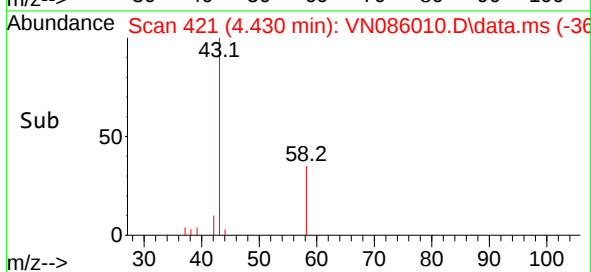
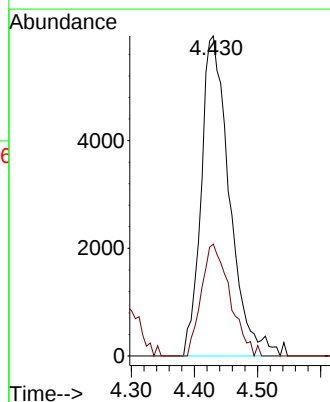
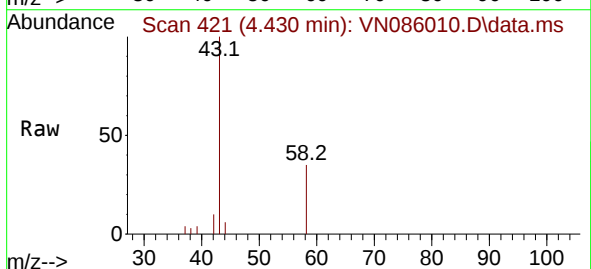
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

Tgt Ion:168 Resp: 133320
Ion Ratio Lower Upper
168 100
99 59.1 49.4 74.2



#16
Acetone
Concen: 33.143 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 43 Resp: 18485
Ion Ratio Lower Upper
43 100
58 34.9 29.4 44.2

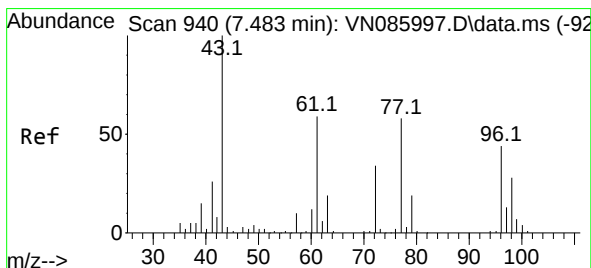
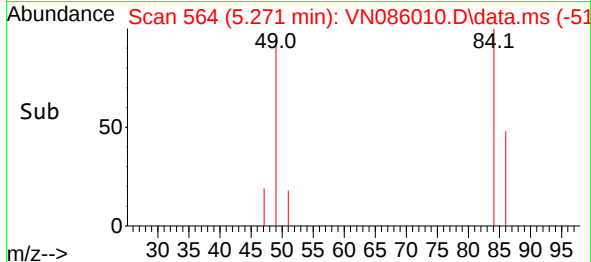
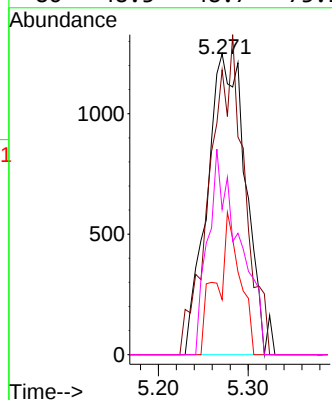
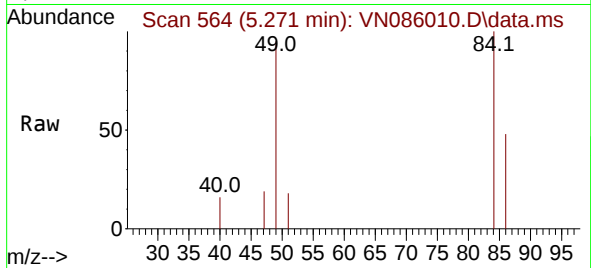




#20
Methylene Chloride
Concen: 2.293 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

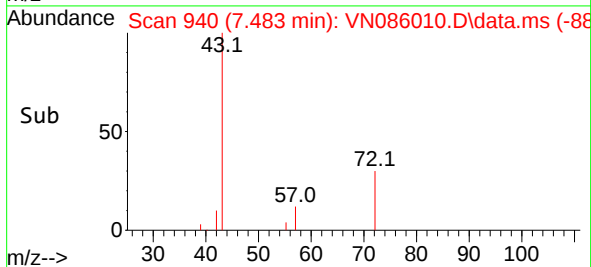
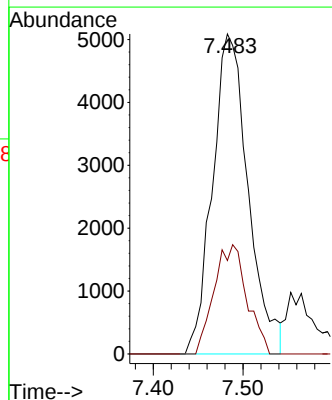
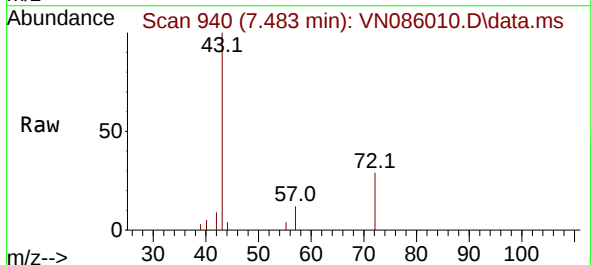
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

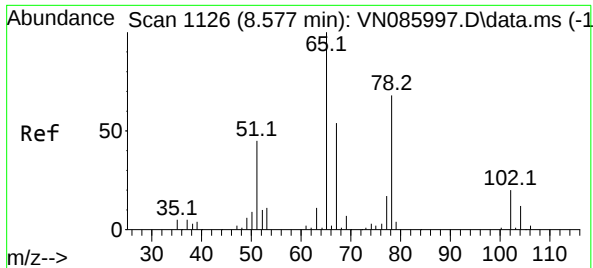
Tgt Ion: 84	Resp: 3742
Ion Ratio	Lower Upper
84 100	
49 94.7	83.3 124.9
51 18.3	24.8 37.2#
86 48.3	48.7 73.1#



#25
2-Butanone
Concen: 17.456 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 43	Resp: 14048		
Ion Ratio	Lower	Upper	
43	100		
72	29.2	27.4	41.0

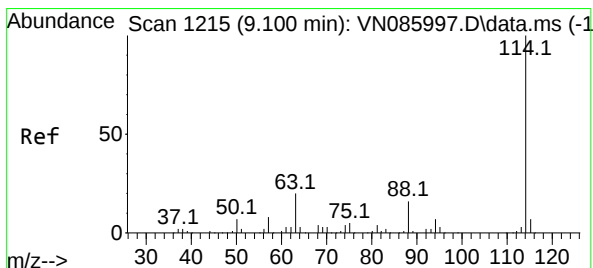
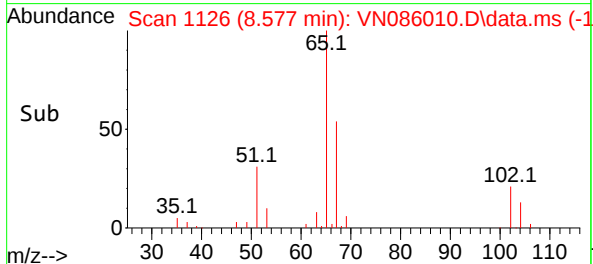
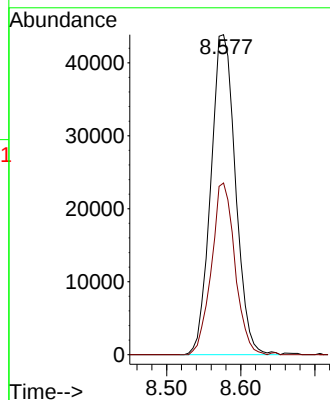
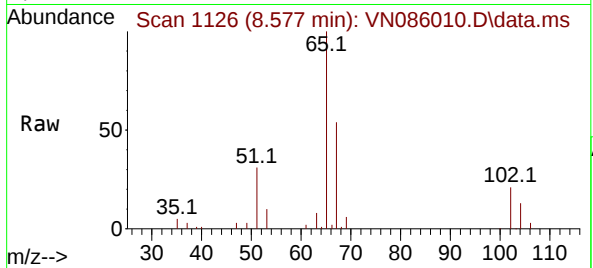




#33
 1,2-Dichloroethane-d4
 Concen: 55.583 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086010.D
 Acq: 19 Mar 2025 15:38

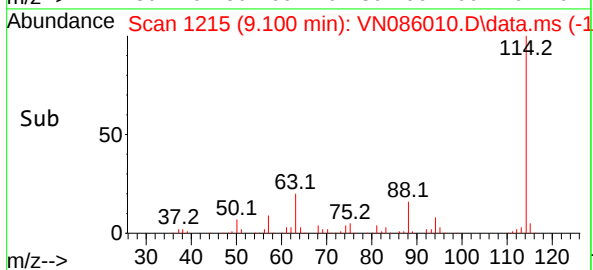
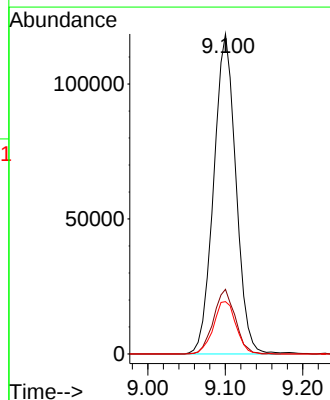
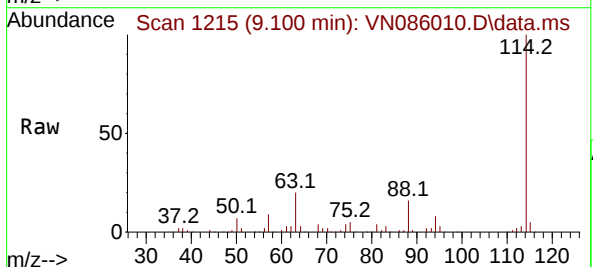
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194TB

Tgt Ion: 65 Resp: 101472
 Ion Ratio Lower Upper
 65 100
 67 51.0 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: VN086010.D
 Acq: 19 Mar 2025 15:38

Tgt Ion: 114 Resp: 235728
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 16.4 0.0 32.6

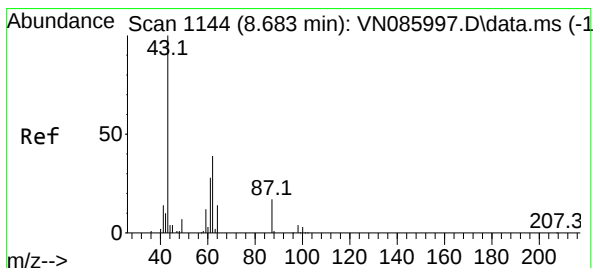
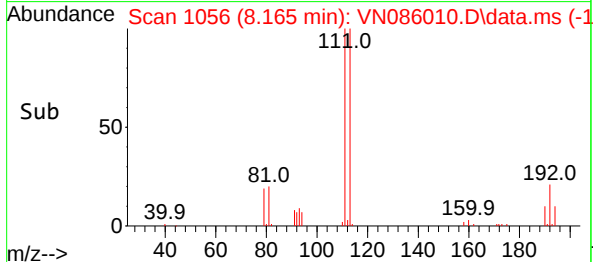
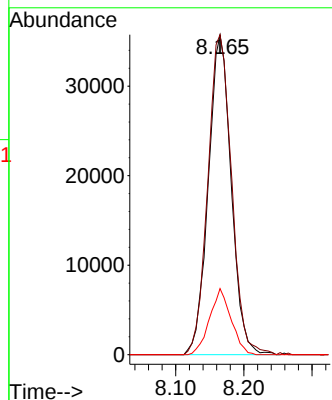
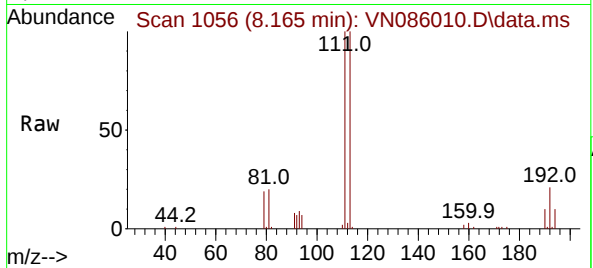




#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

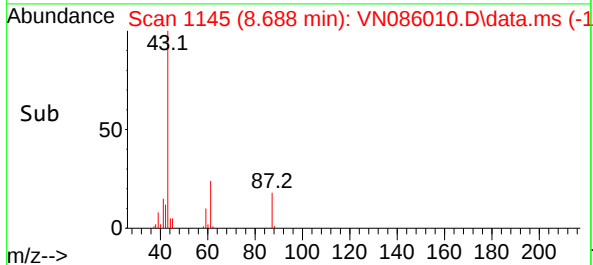
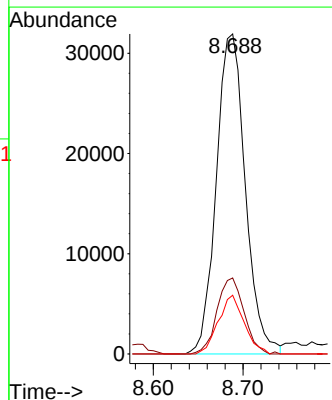
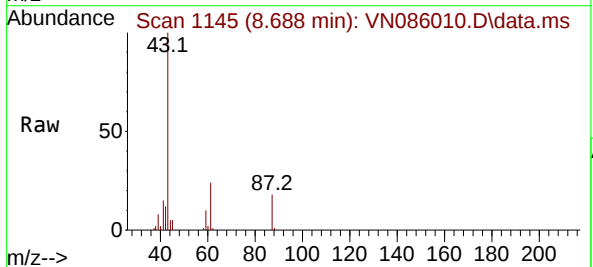
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

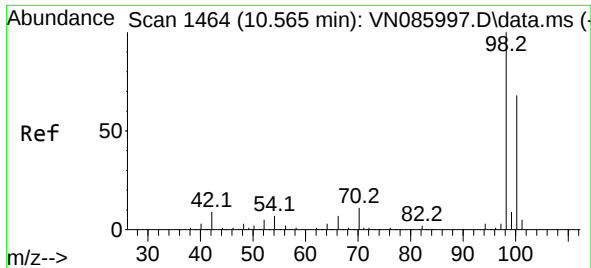
Tgt Ion:113 Resp: 83323
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 19.4 15.9 23.9



#43
Isopropyl Acetate
Concen: 18.118 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 43 Resp: 71761
Ion Ratio Lower Upper
43 100
61 22.1 25.0 37.6#
87 16.4 13.0 19.4

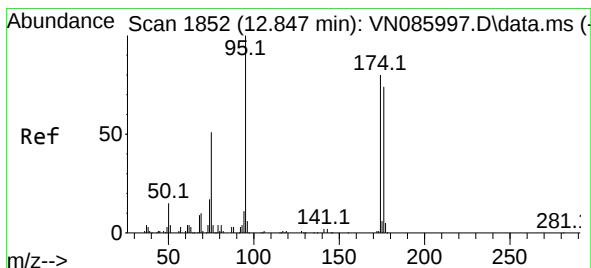
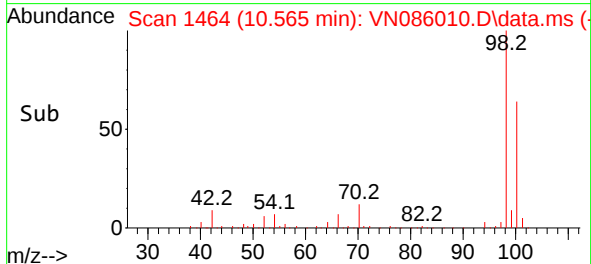
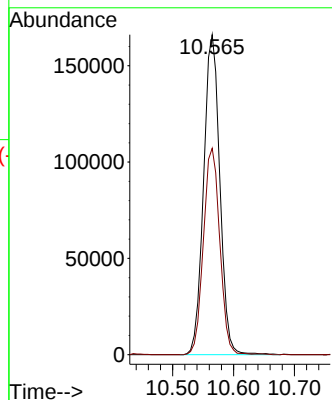
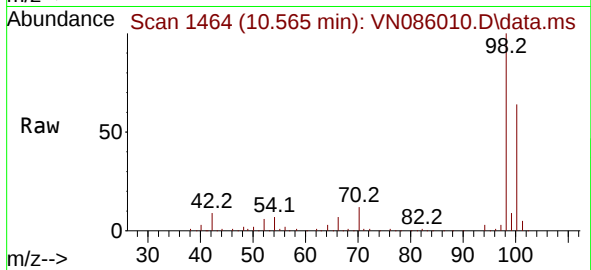




#50
Toluene-d8
Concen: 51.482 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

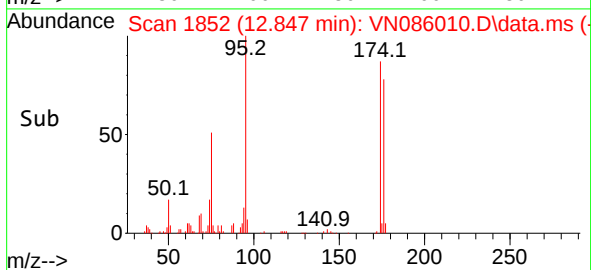
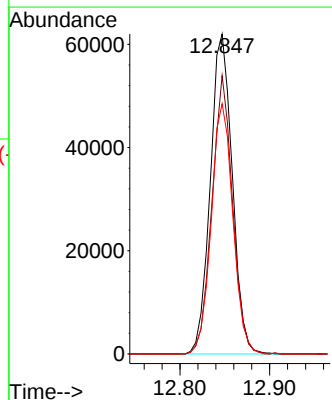
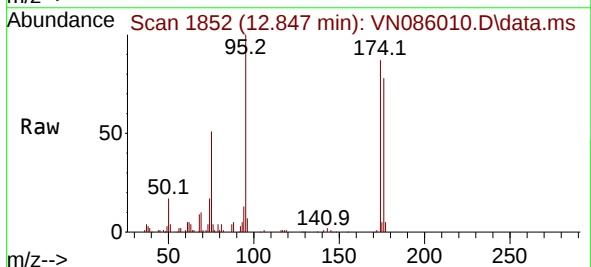
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

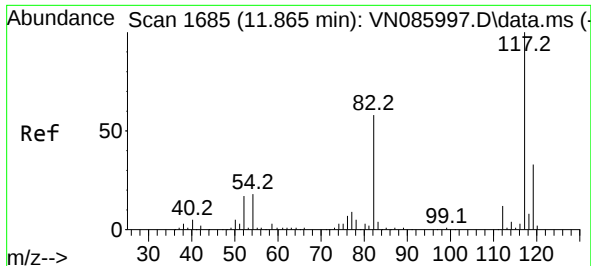
Tgt Ion: 98 Resp: 307423
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 95 Resp: 105109
Ion Ratio Lower Upper
95 100
174 82.0 0.0 156.8
176 77.2 0.0 152.2

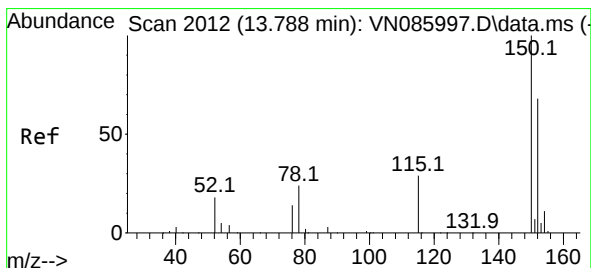
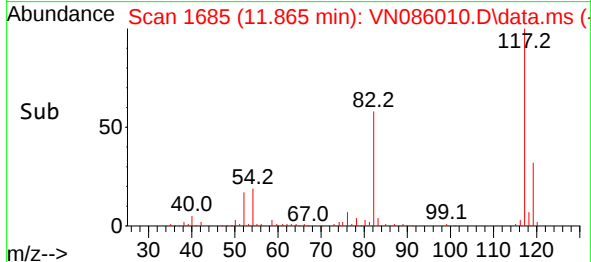
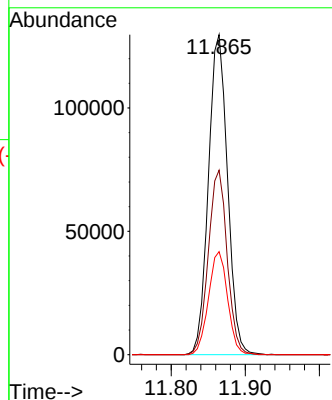
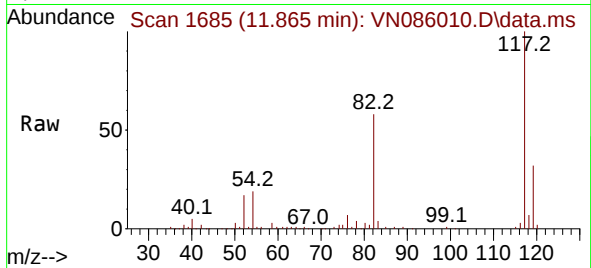




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

Tgt Ion:117 Resp: 232216
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.2 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: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion:152 Resp: 89993
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.2
150 159.3 0.0 359.6

