

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086109.D
 Acq On : 25 Mar 2025 18:40
 Operator : JC\MD
 Sample : Q1619-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Mar 26 03:24:28 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)

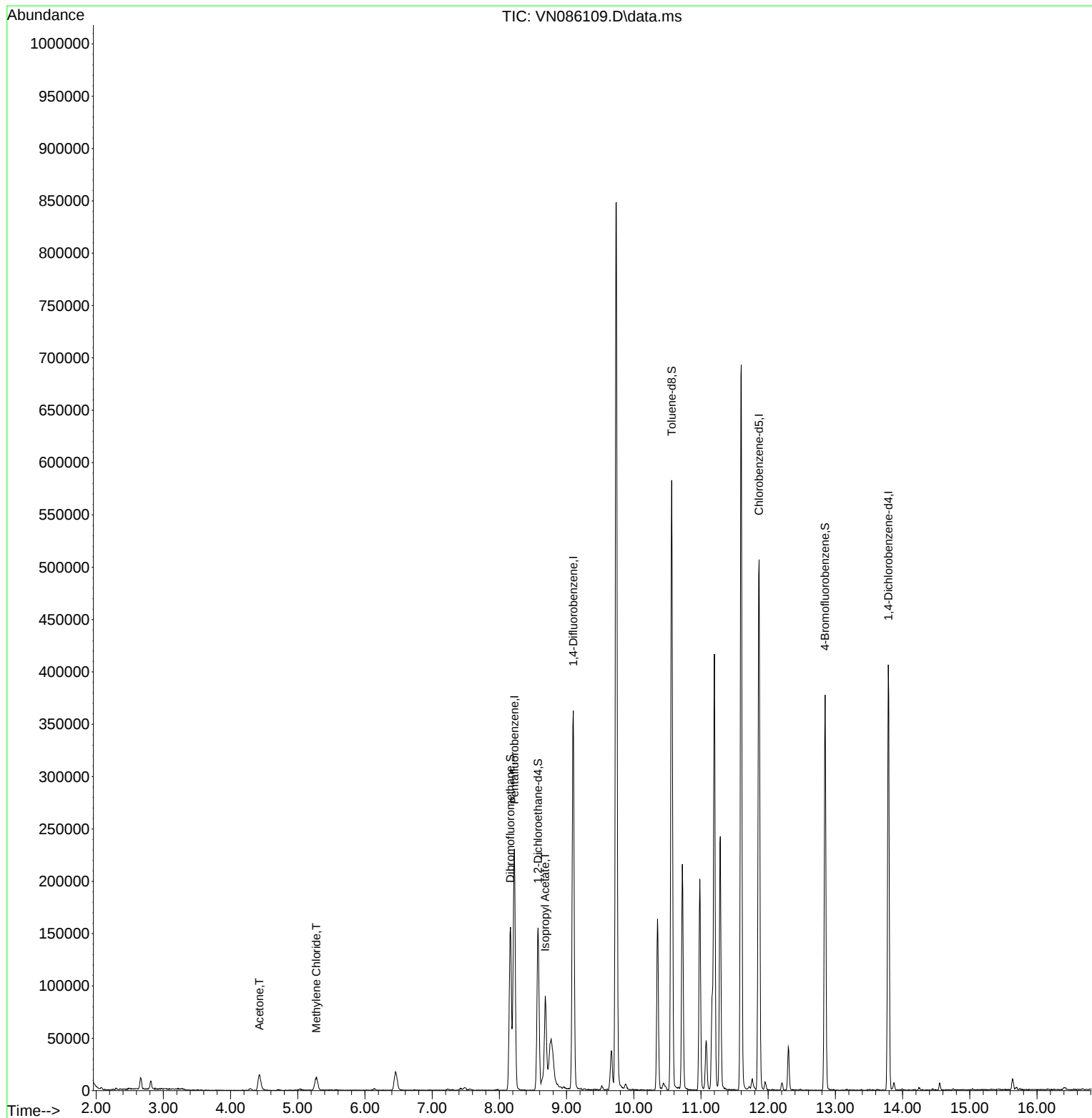
Internal Standards						
1) Pentafluorobenzene	8.224	168	165440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129564	57.192	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.380%	
35) Dibromofluoromethane	8.165	113	112585	50.829	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.660%	
50) Toluene-d8	10.565	98	413780	51.473	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.940%	
62) 4-Bromofluorobenzene	12.847	95	132011	46.047	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.100%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	29742	42.973	ug/l	98
20) Methylene Chloride	5.277	84	11188	5.526	ug/l	93
43) Isopropyl Acetate	8.682	43	101204	18.981	ug/l #	82

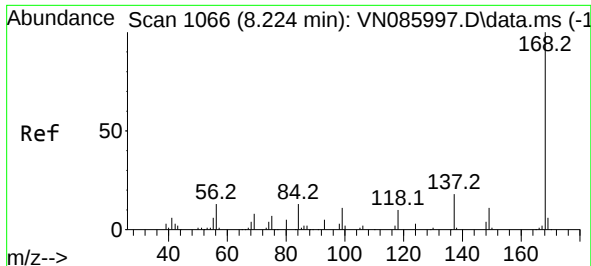
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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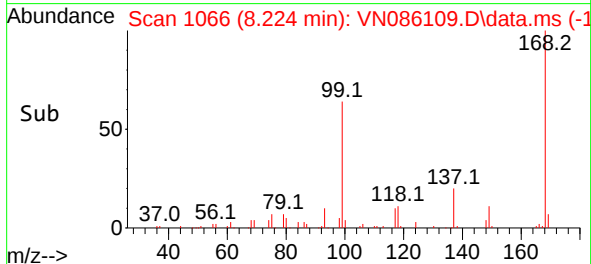
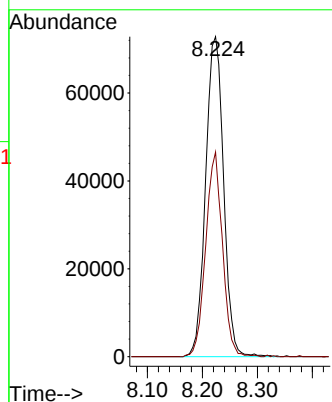
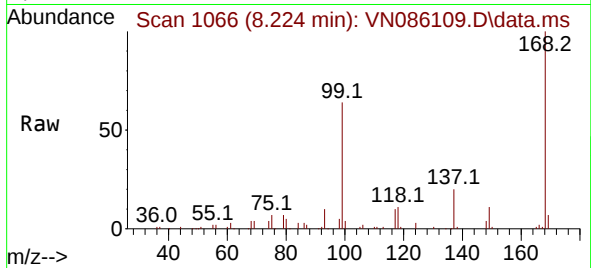




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

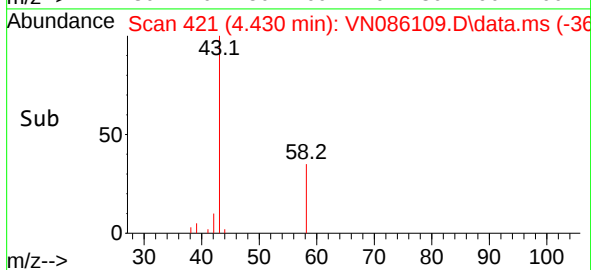
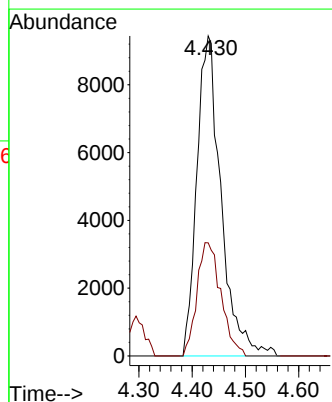
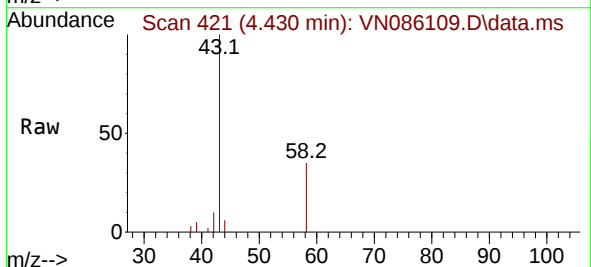
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:168 Resp: 165440
Ion Ratio Lower Upper
168 100
99 63.9 49.4 74.2



#16
Acetone
Concen: 42.973 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

Tgt Ion: 43 Resp: 29742
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.2

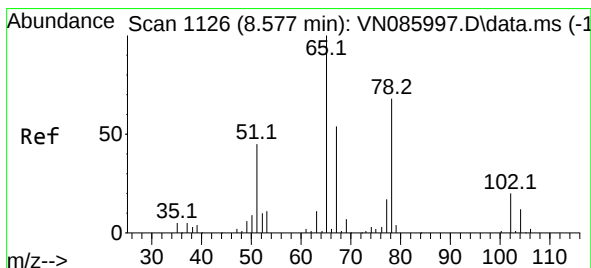
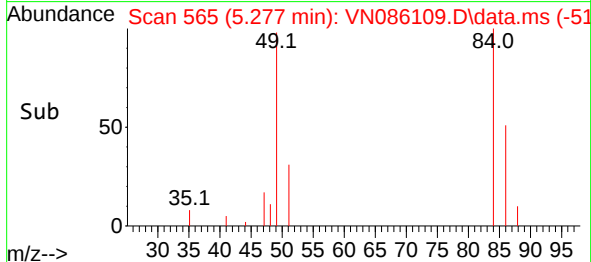
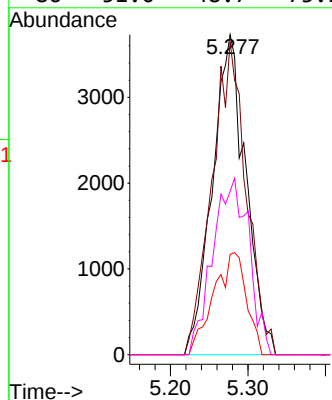
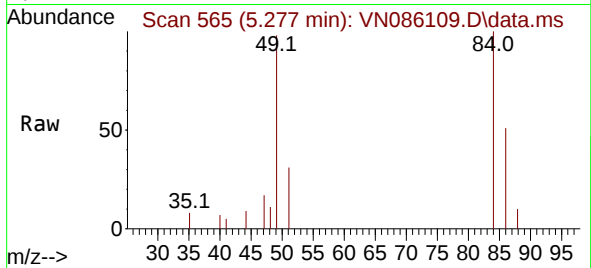




#20
Methylene Chloride
Concen: 5.526 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

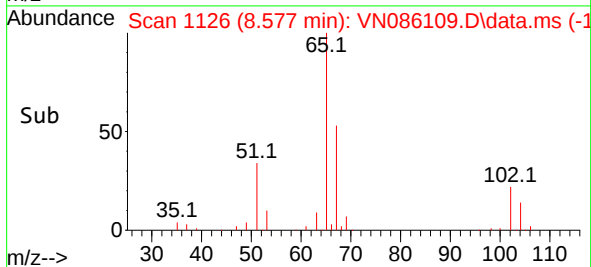
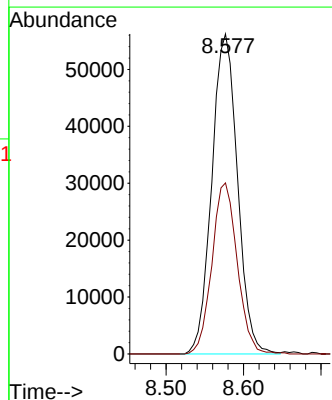
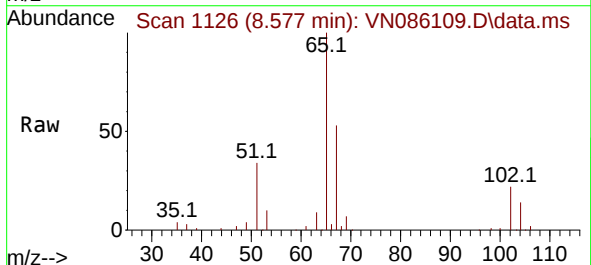
Instrument :
MSVOA_N
ClientSampleId :
TP-4

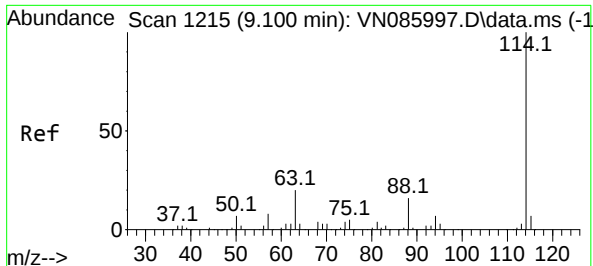
Tgt Ion:	84	Resp:	11188
Ion	Ratio	Lower	Upper
84	100		
49	97.8	83.3	124.9
51	31.4	24.8	37.2
86	51.0	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 57.192 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

Tgt Ion:	65	Resp:	129564
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.2

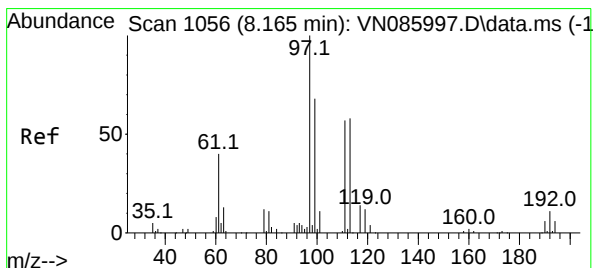
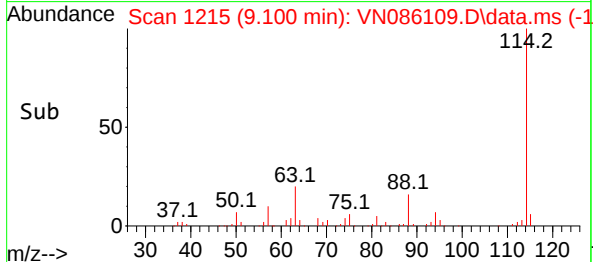
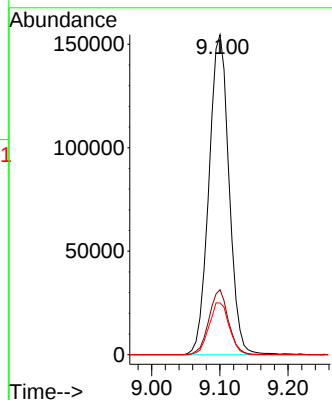
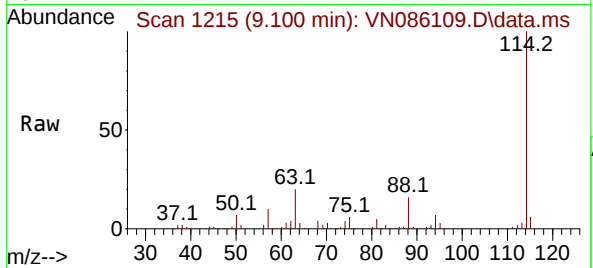




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

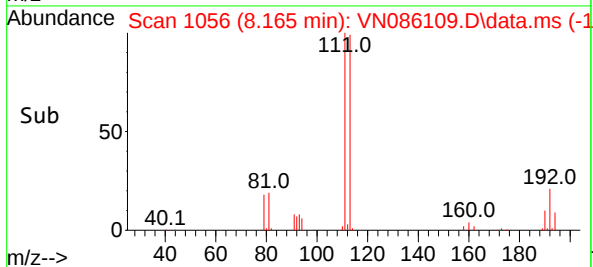
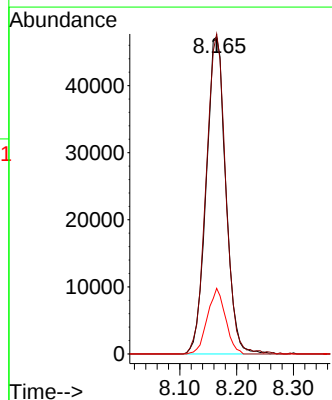
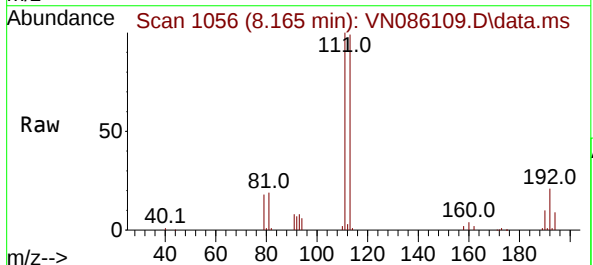
Instrument :
MSVOA_N
ClientSampleId :
TP-4

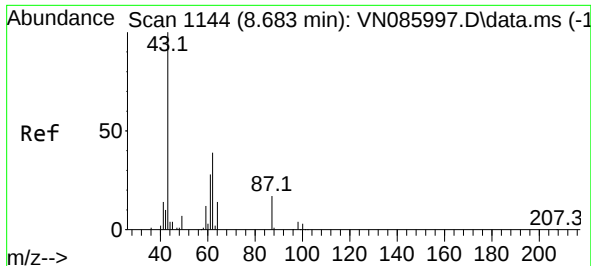
Tgt Ion:114 Resp: 317338
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.829 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

Tgt Ion:113 Resp: 112585
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 19.2 15.9 23.9

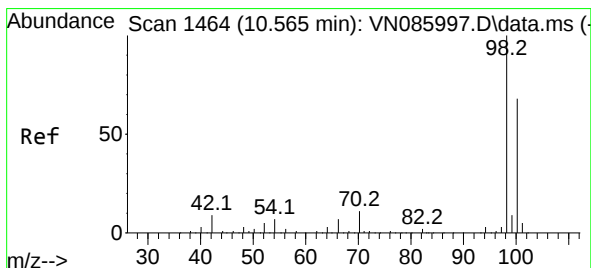
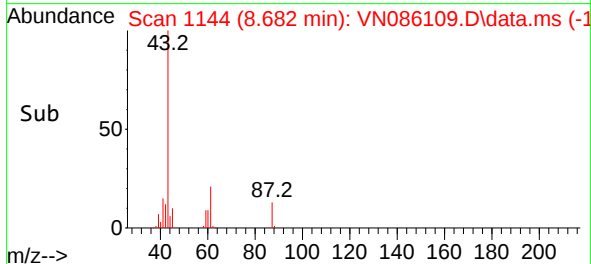
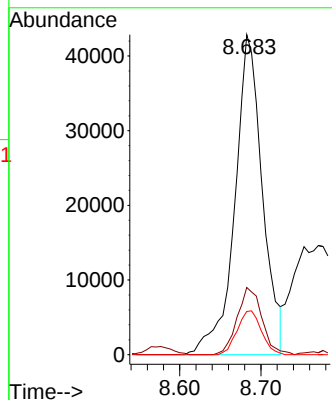
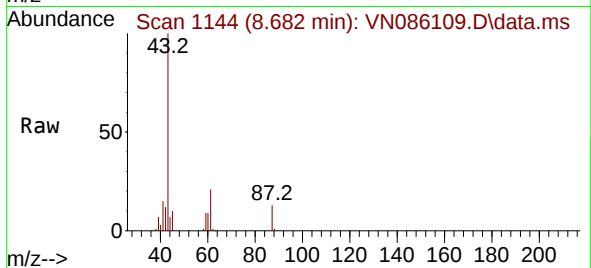




#43
Isopropyl Acetate
Concen: 18.981 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

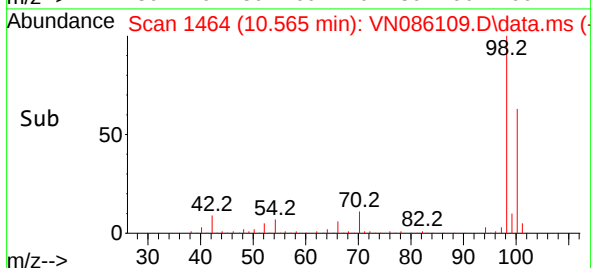
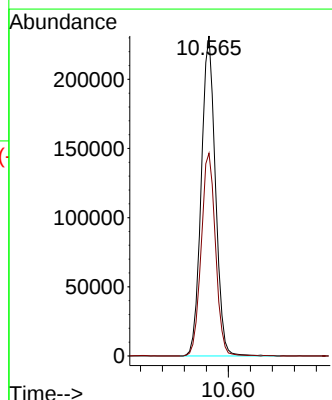
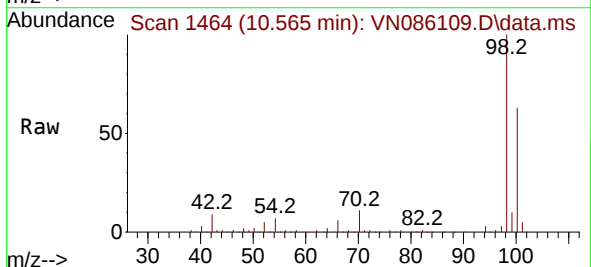
Instrument :
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ClientSampleId :
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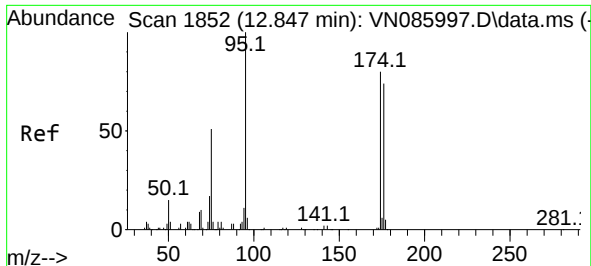
Tgt Ion: 43 Resp: 101204
Ion Ratio Lower Upper
43 100
61 18.8 25.0 37.6#
87 12.0 13.0 19.4#



#50
Toluene-d8
Concen: 51.473 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

Tgt Ion: 98 Resp: 413780
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

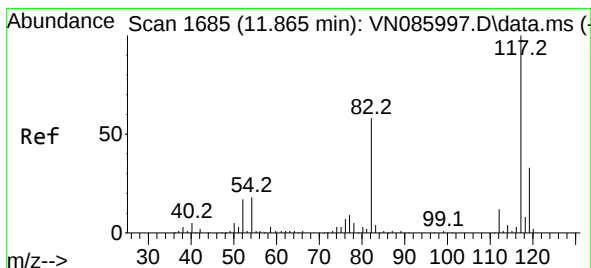
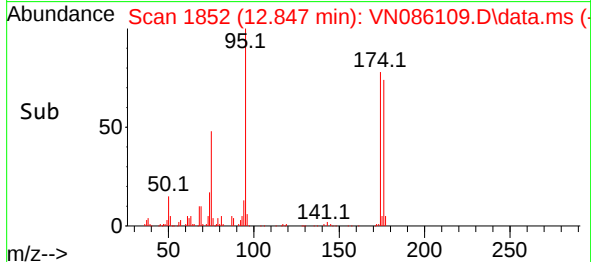
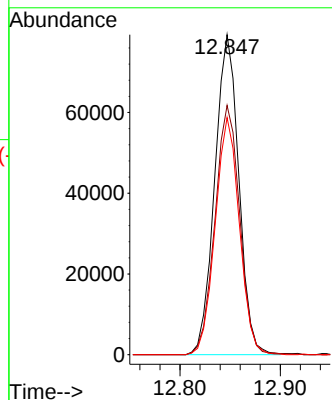
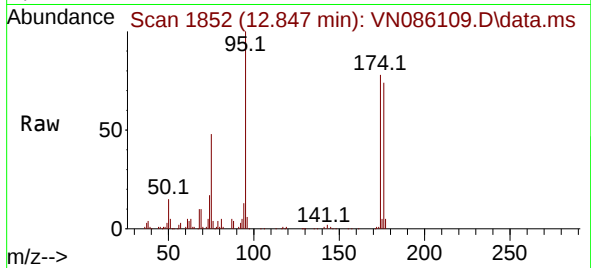




#62
4-Bromofluorobenzene
Concen: 46.047 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

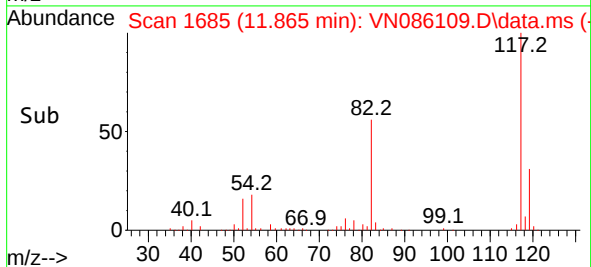
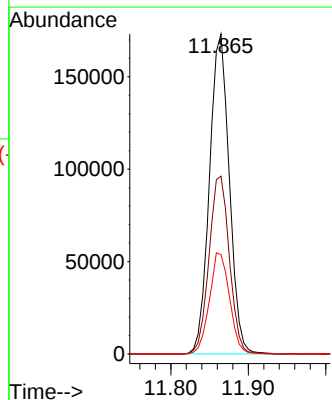
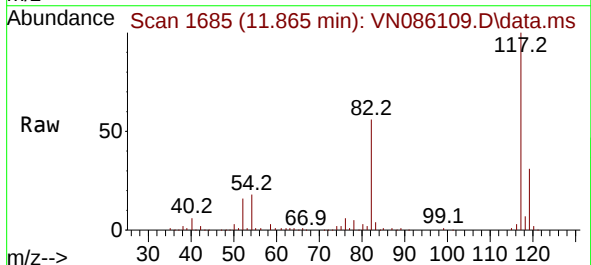
Instrument :
MSVOA_N
ClientSampleId :
TP-4

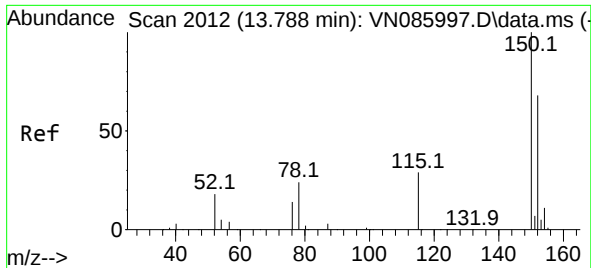
Tgt Ion: 95 Resp: 132011
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 74.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086109.D
Acq: 25 Mar 2025 18:40

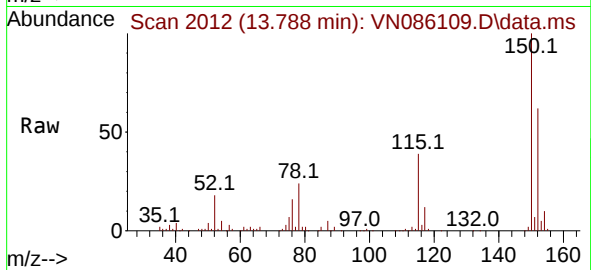
Tgt Ion: 117 Resp: 307927
Ion Ratio Lower Upper
117 100
82 55.6 46.7 70.1
119 31.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086109.D
 Acq: 25 Mar 2025 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4



Tgt Ion:152 Resp: 113929
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.1 93.2
 150 159.4 0.0 359.6

