

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086112.D
 Acq On : 25 Mar 2025 19:52
 Operator : JC\MD
 Sample : Q1627-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GRID-LINE-1.2-NORTH

Quant Time: Mar 26 03:26:12 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)

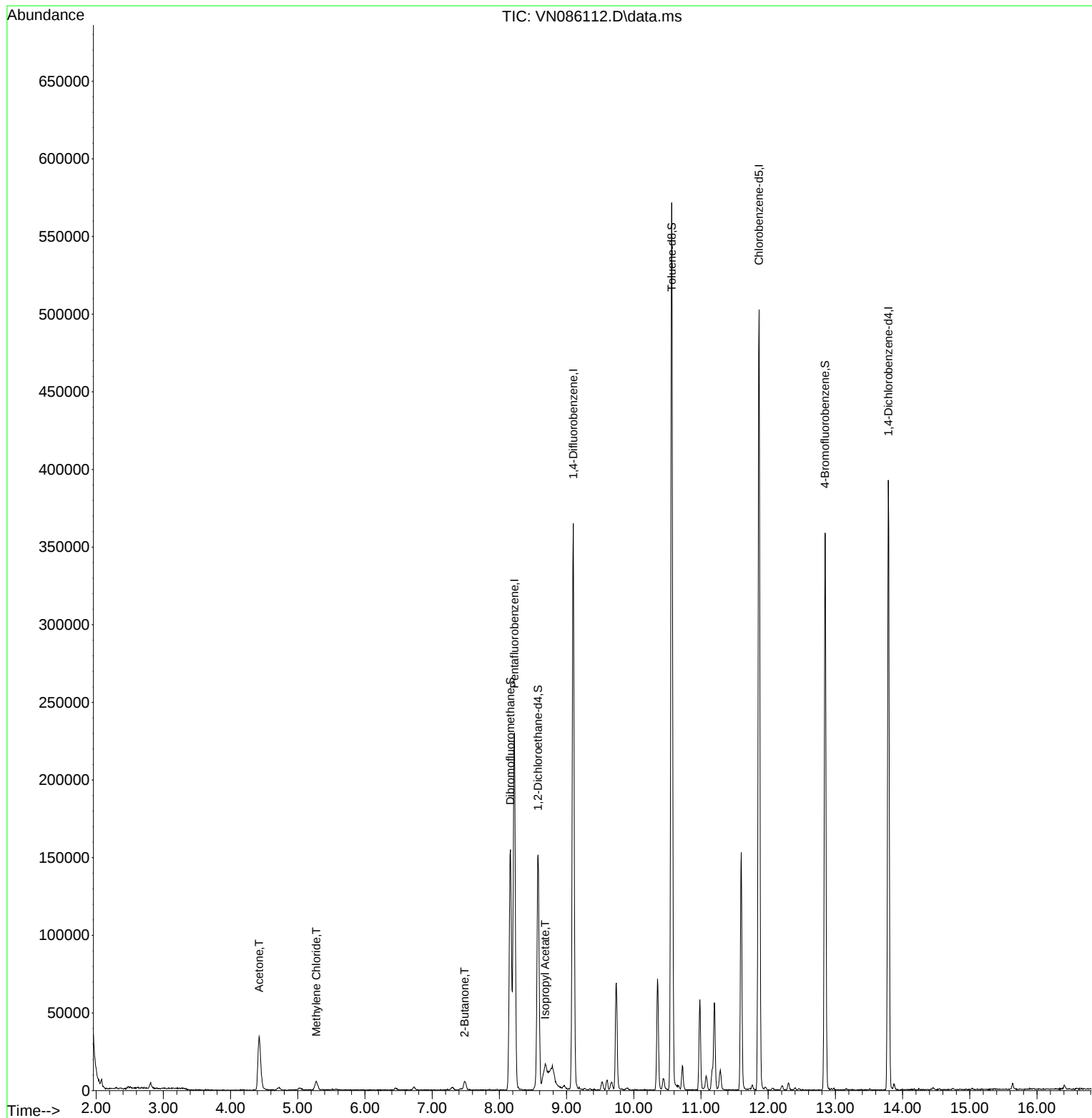
Internal Standards						
1) Pentafluorobenzene	8.224	168	166171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127560	56.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.120%
35) Dibromofluoromethane	8.165	113	113467	52.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.565	98	408682	51.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.800%
62) 4-Bromofluorobenzene	12.847	95	126597	45.078	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.160%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	63900	91.920	ug/l	97
20) Methylene Chloride	5.277	84	4653	2.288	ug/l #	90
25) 2-Butanone	7.483	43	9771	9.741	ug/l	88
43) Isopropyl Acetate	8.682	43	21527	4.122	ug/l #	64

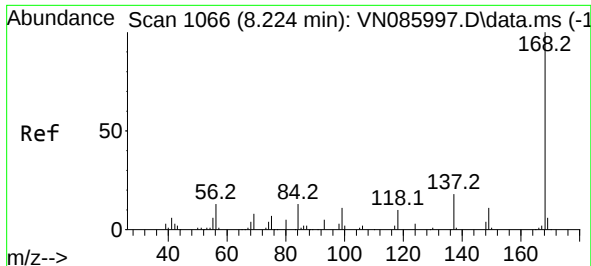
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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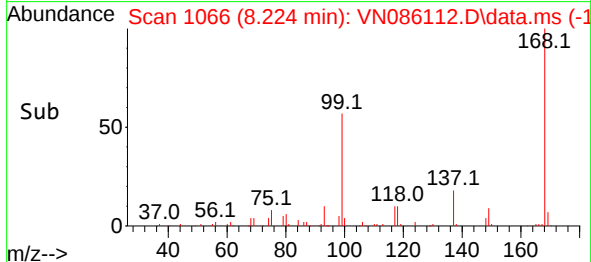
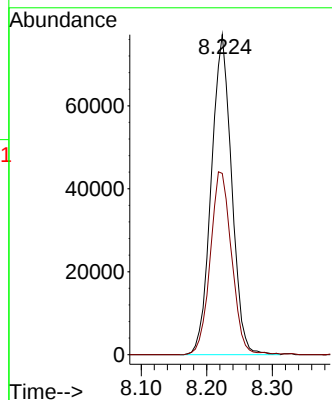
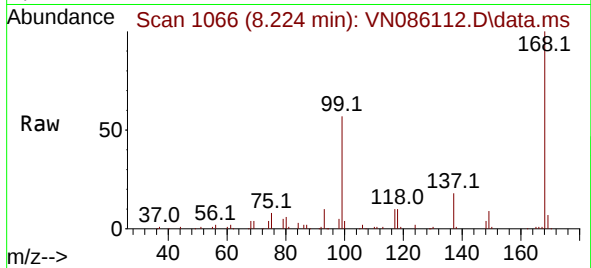




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

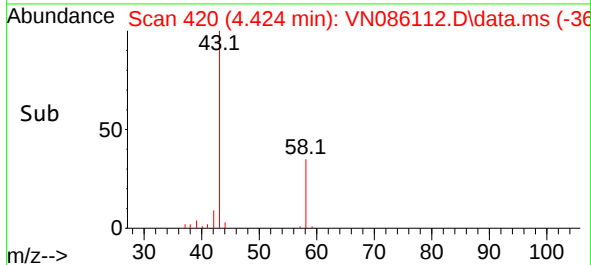
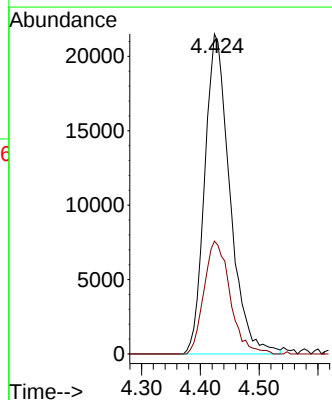
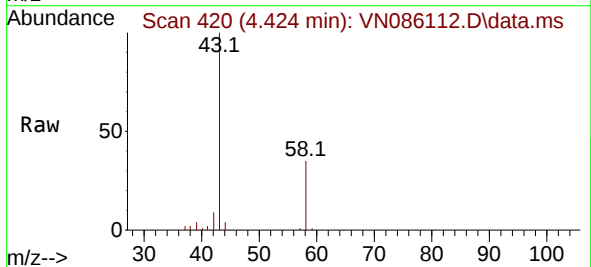
Instrument :
MSVOA_N
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:168 Resp: 166171
Ion Ratio Lower Upper
168 100
99 56.6 49.4 74.2



#16
Acetone
Concen: 91.920 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion: 43 Resp: 63900
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.2

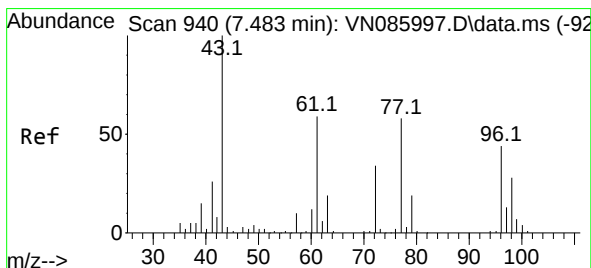
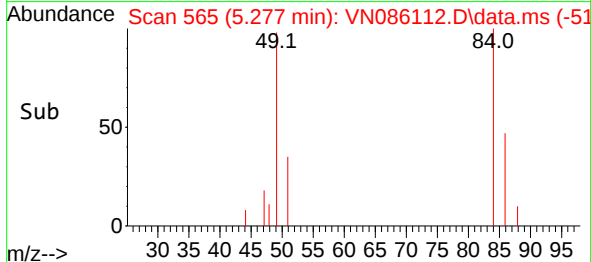
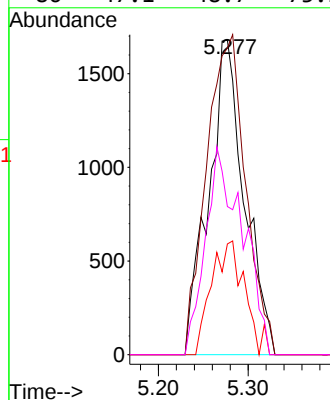
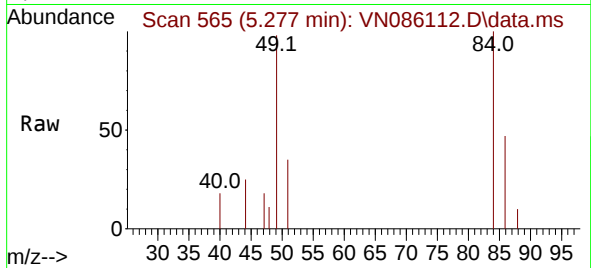




#20
Methylene Chloride
Concen: 2.288 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

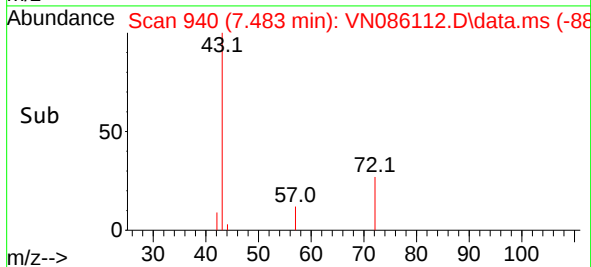
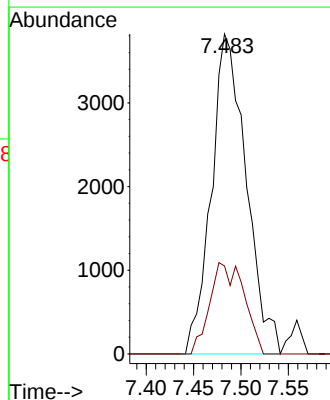
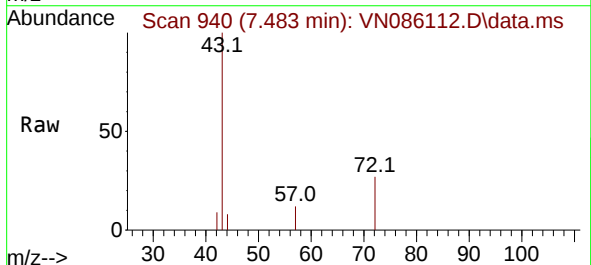
Instrument :
MSVOA_N
ClientSampleId :
GRID-LINE-1.2-NORTH

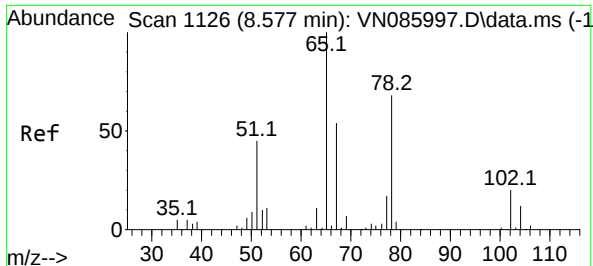
Tgt Ion: 84	Resp: 4653
Ion Ratio	Lower Upper
84 100	
49 97.6	83.3 124.9
51 35.2	24.8 37.2
86 47.1	48.7 73.1#



#25
2-Butanone
Concen: 9.741 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion: 43	Resp: 9771		
Ion Ratio	Lower	Upper	
43 100			
72 27.5	27.4	41.0	

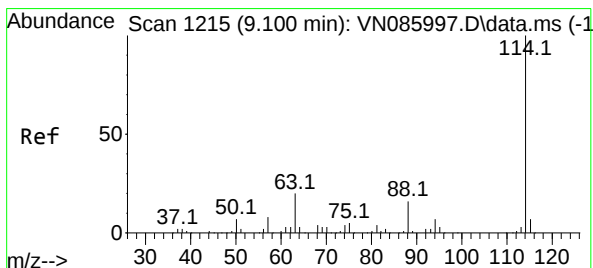
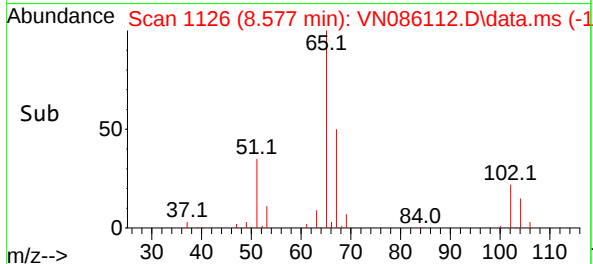
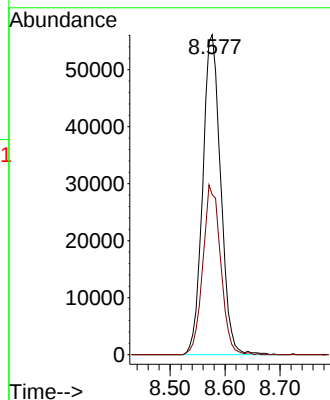
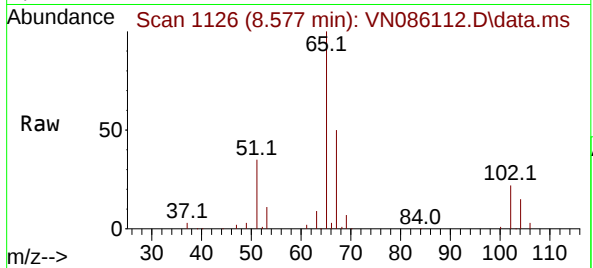




#33
1,2-Dichloroethane-d4
Concen: 56.059 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

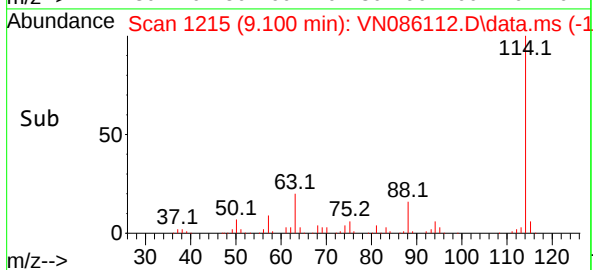
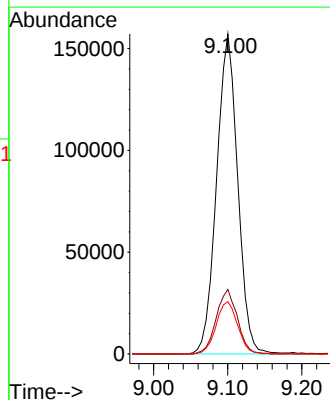
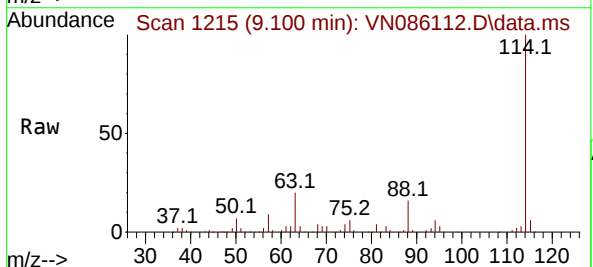
Instrument :
MSVOA_N
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion: 65 Resp: 127560
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# 1215
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion: 114 Resp: 310861
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.6
88 16.4 0.0 32.6

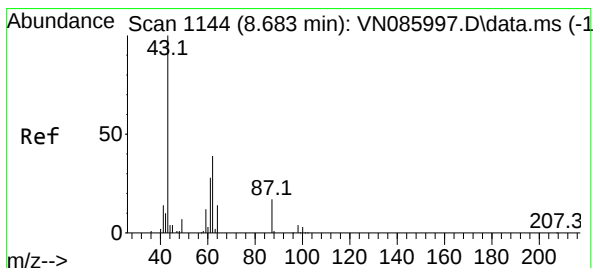
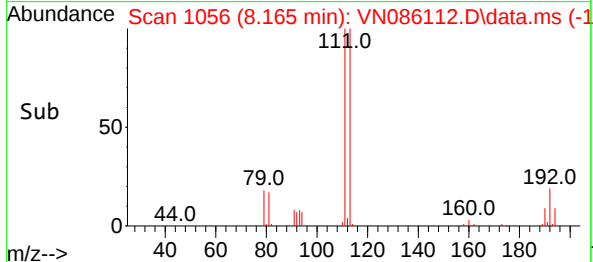
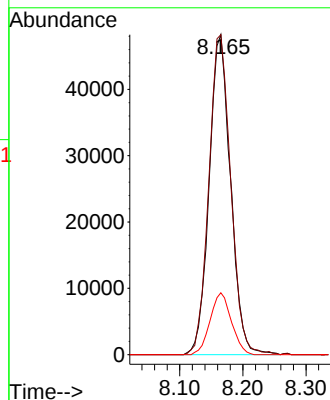
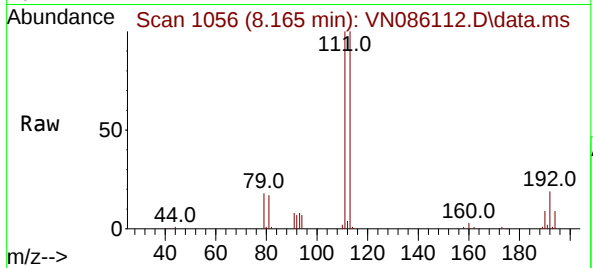




#35
Dibromofluoromethane
Concen: 52.294 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

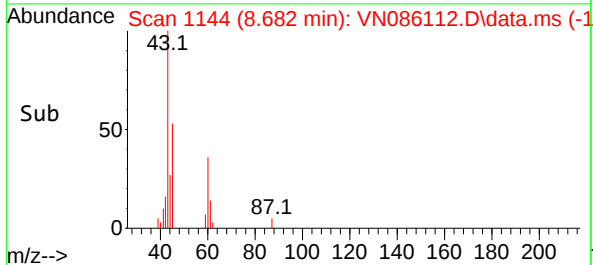
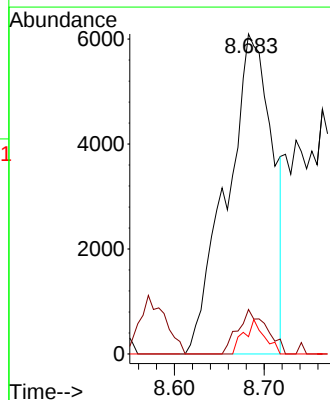
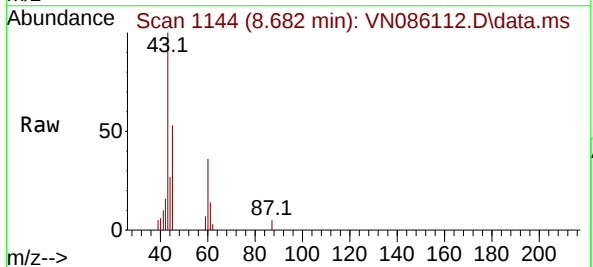
Instrument :
MSVOA_N
ClientSampleId :
GRID-LINE-1.2-NORTH

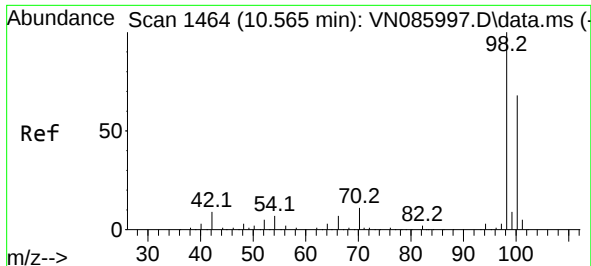
Tgt Ion:113 Resp: 113467
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 19.3 15.9 23.9



#43
Isopropyl Acetate
Concen: 4.122 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion: 43 Resp: 21527
Ion Ratio Lower Upper
43 100
61 8.7 25.0 37.6#
87 4.8 13.0 19.4#

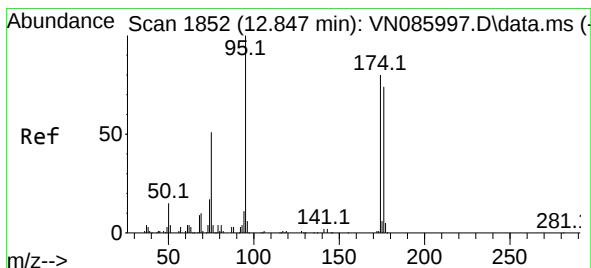
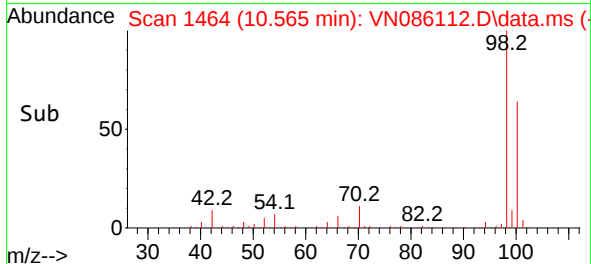
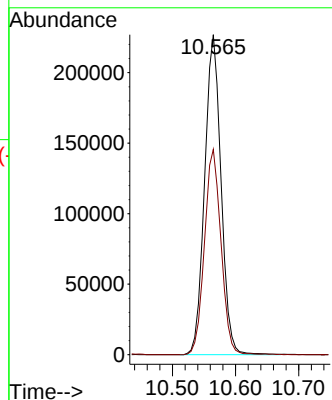
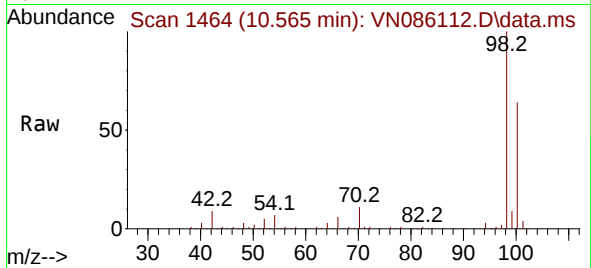




#50
Toluene-d8
Concen: 51.898 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

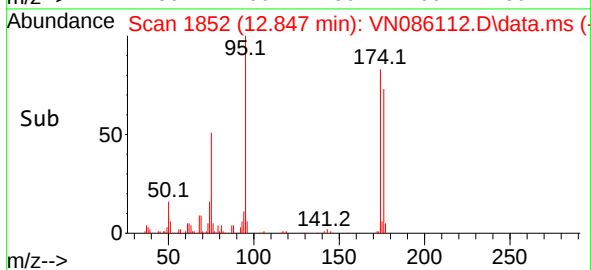
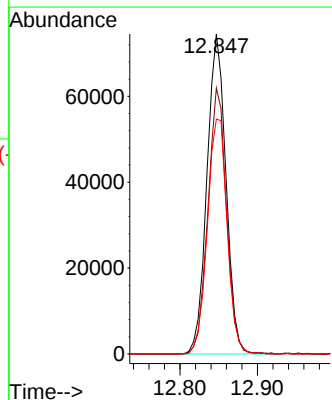
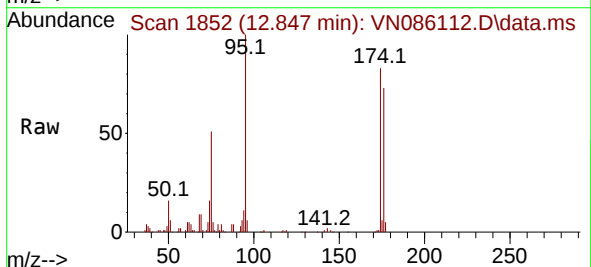
Instrument :
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GRID-LINE-1.2-NORTH

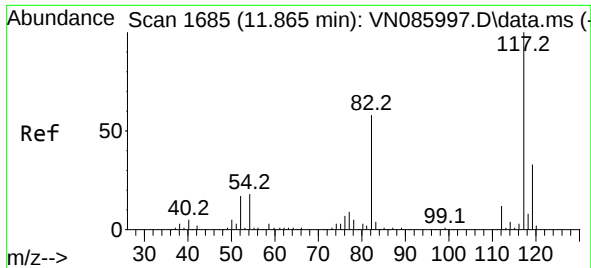
Tgt Ion: 98 Resp: 408682
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion: 95 Resp: 126597
Ion Ratio Lower Upper
95 100
174 81.8 0.0 156.8
176 76.4 0.0 152.2

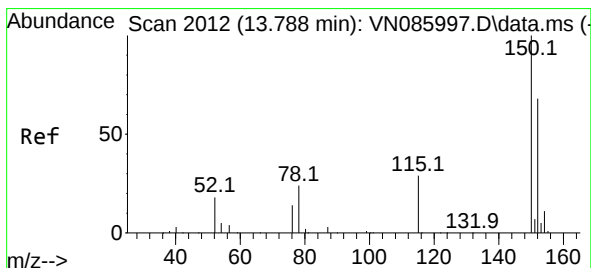
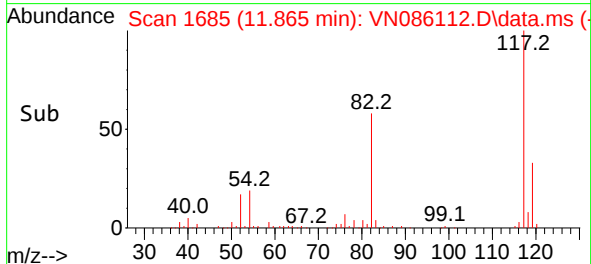
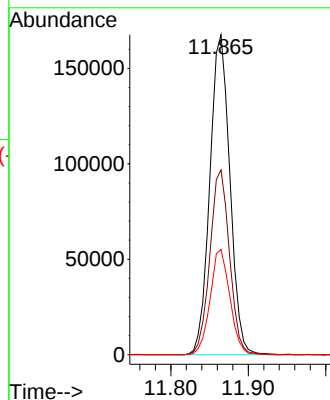
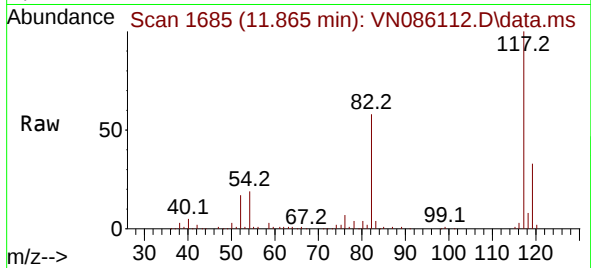




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086112.D
Acq: 25 Mar 2025 19:52

Instrument :
MSVOA_N
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:117 Resp: 301467
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.9 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: VN086112.D
Acq: 25 Mar 2025 19:52

Tgt Ion:152 Resp: 114842
Ion Ratio Lower Upper
152 100
115 60.0 31.1 93.2
150 153.8 0.0 359.6

