

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086115.D
 Acq On : 25 Mar 2025 21:04
 Operator : JC\MD
 Sample : Q1636-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Mar 26 03:27:46 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)

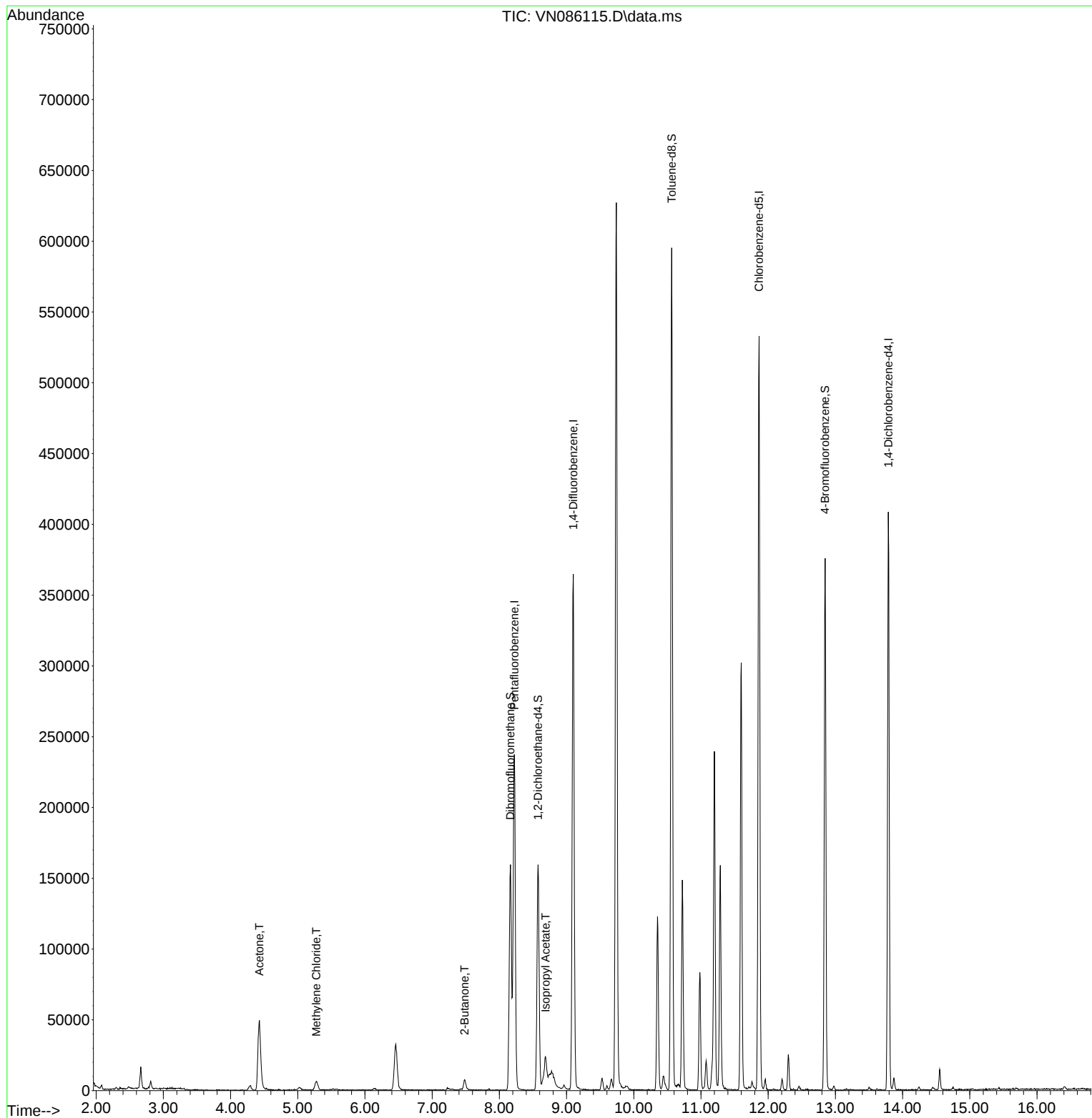
Internal Standards						
1) Pentafluorobenzene	8.224	168	173011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134485	56.766	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.540%	
35) Dibromofluoromethane	8.165	113	114986	51.177	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.360%	
50) Toluene-d8	10.565	98	422820	51.851	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.700%	
62) 4-Bromofluorobenzene	12.847	95	132958	45.719	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	90782	125.427	ug/l	99
20) Methylene Chloride	5.277	84	5090	2.404	ug/l #	93
25) 2-Butanone	7.483	43	11789	11.288	ug/l #	85
43) Isopropyl Acetate	8.688	43	29222	5.403	ug/l #	71

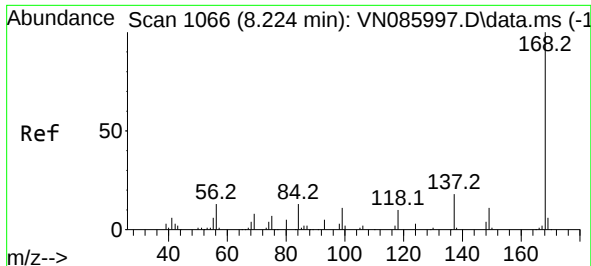
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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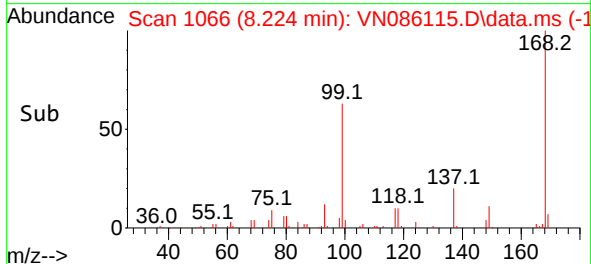
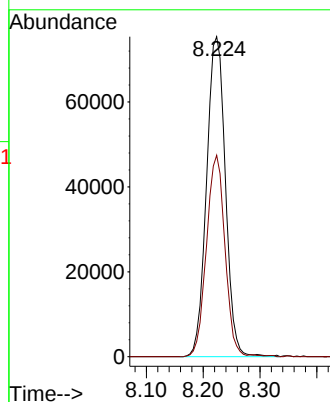
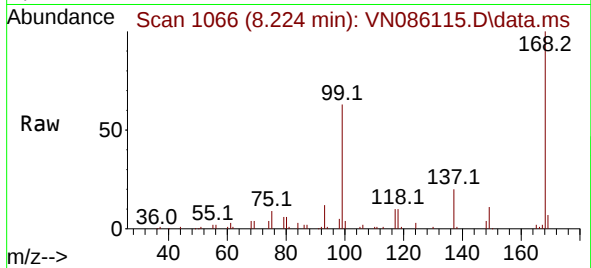




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

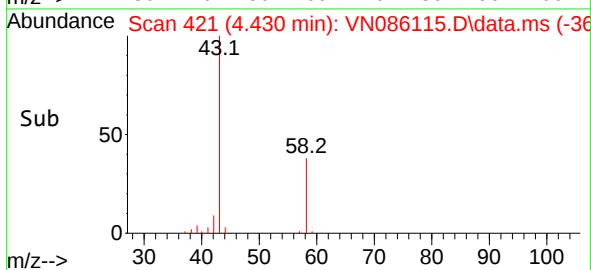
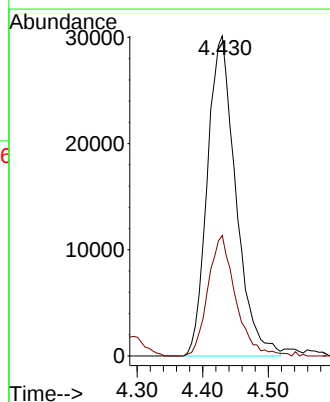
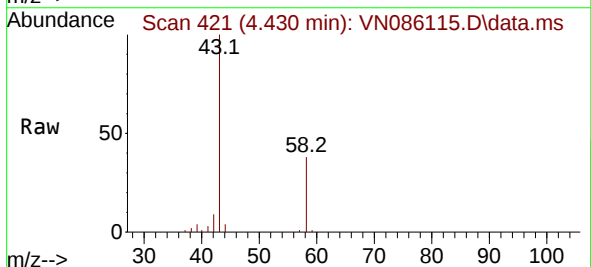
Instrument :
MSVOA_N
ClientSampleId :
WC-1

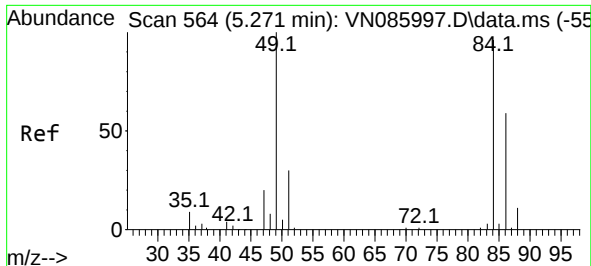
Tgt Ion:168 Resp: 173011
Ion Ratio Lower Upper
168 100
99 63.0 49.4 74.2



#16
Acetone
Concen: 125.427 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

Tgt Ion: 43 Resp: 90782
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.2

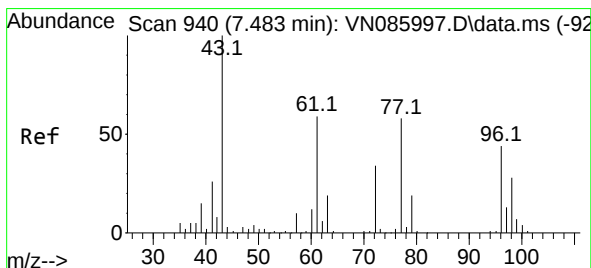
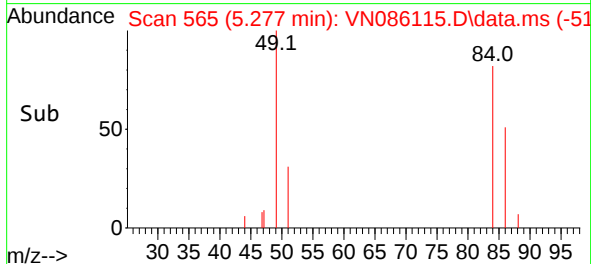
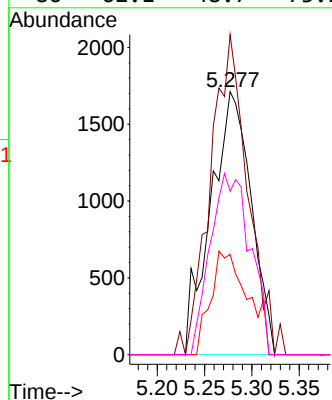
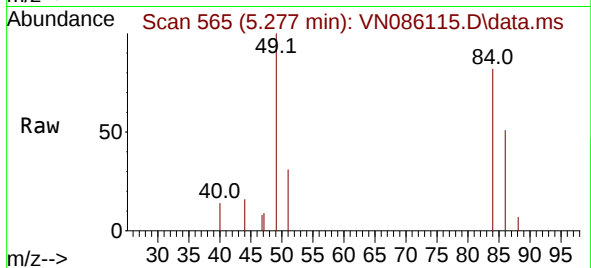




#20
Methylene Chloride
Concen: 2.404 ug/l
RT: 5.277 min Scan# 5090
Delta R.T. 0.006 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

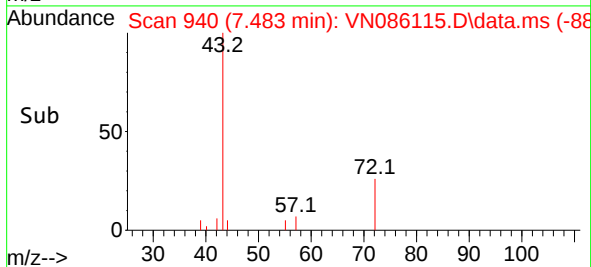
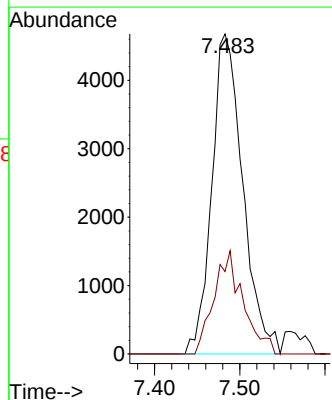
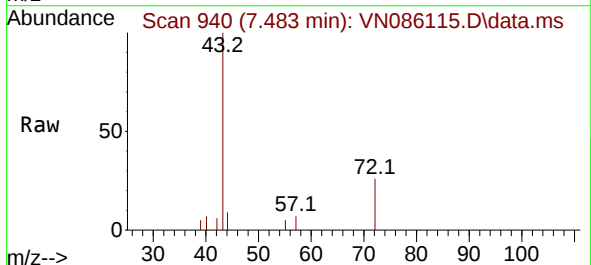
Instrument :
MSVOA_N
ClientSampleId :
WC-1

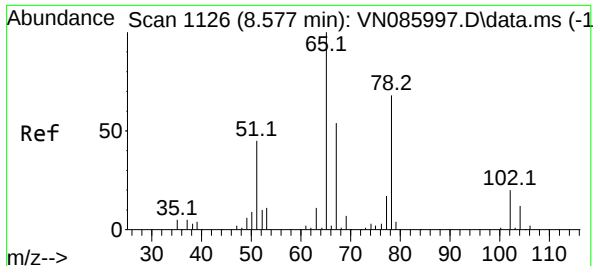
Tgt Ion: 84	Resp: 5090
Ion Ratio	Lower Upper
84 100	
49 112.9	83.3 124.9
51 38.1	24.8 37.2#
86 62.1	48.7 73.1



#25
2-Butanone
Concen: 11.288 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

Tgt Ion: 43	Resp: 11789
Ion Ratio	Lower Upper
43 100	
72 25.7	27.4 41.0#





#33

1,2-Dichloroethane-d4

Concen: 56.766 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086115.D

Acq: 25 Mar 2025 21:04

Instrument :

MSVOA_N

ClientSampleId :

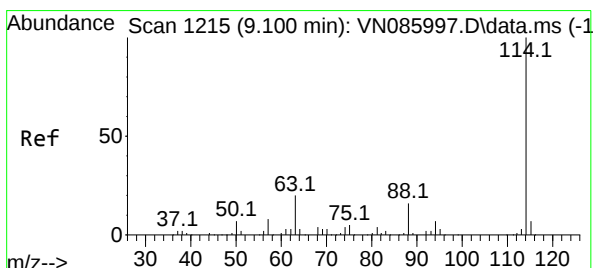
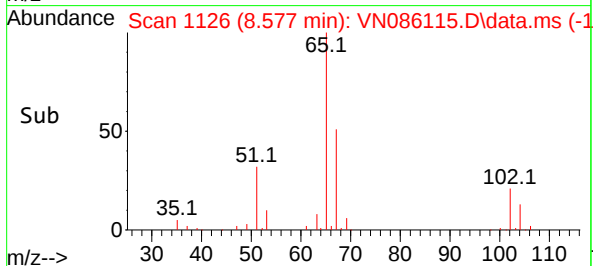
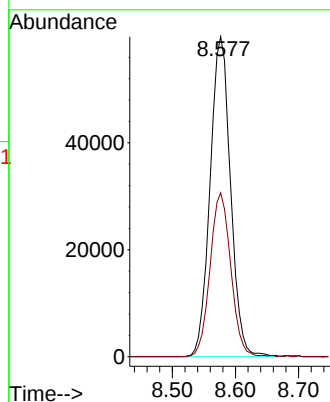
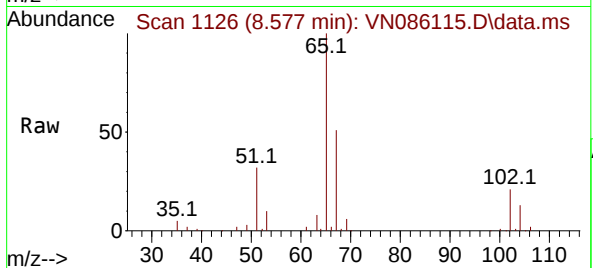
WC-1

Tgt Ion: 65 Resp: 134485

Ion Ratio Lower Upper

65 100

67 52.0 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: VN086115.D

Acq: 25 Mar 2025 21:04

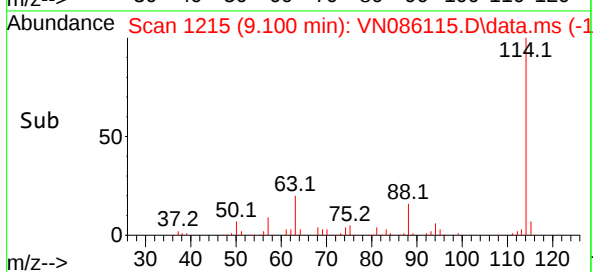
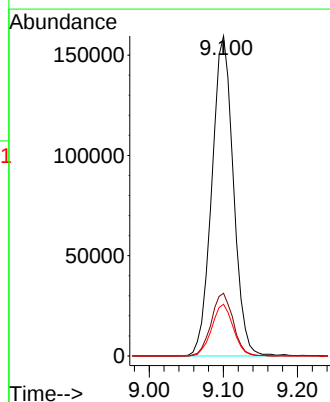
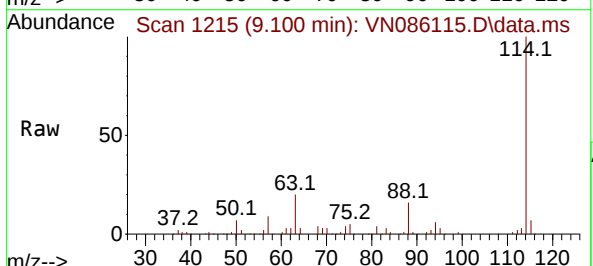
Tgt Ion: 114 Resp: 321904

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.2 0.0 32.6

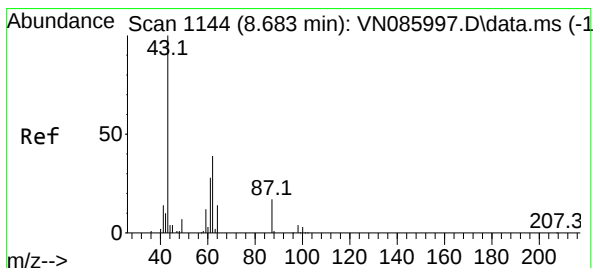
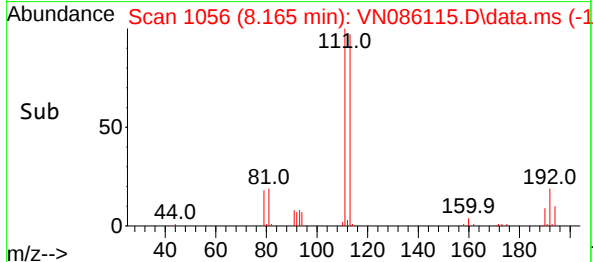
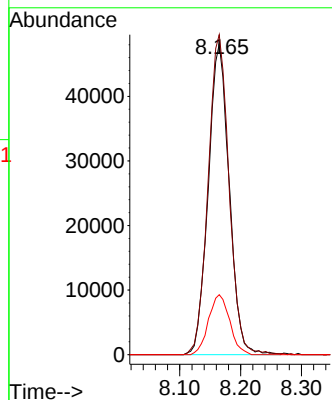
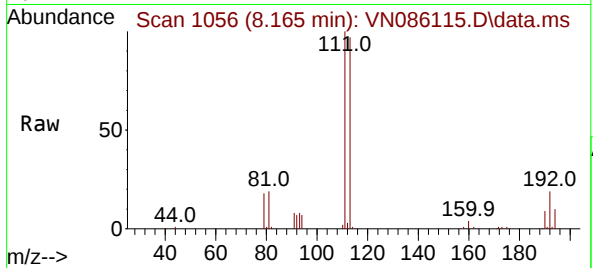




#35
Dibromofluoromethane
Concen: 51.177 ug/l
RT: 8.165 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

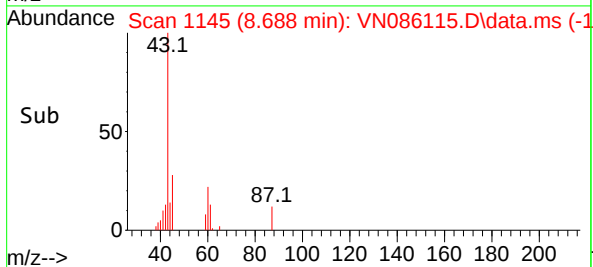
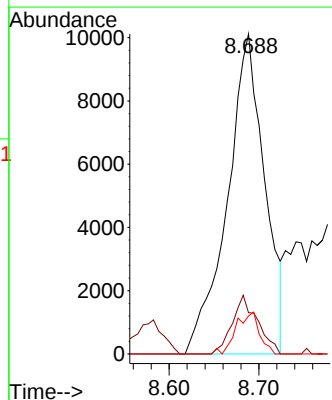
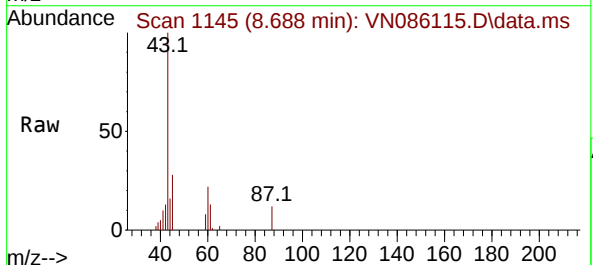
Instrument :
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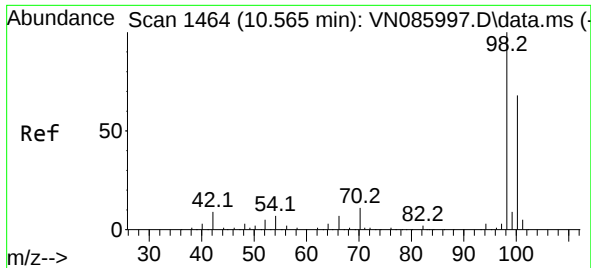
Tgt Ion:113 Resp: 114986
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 19.5 15.9 23.9



#43
Isopropyl Acetate
Concen: 5.403 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

Tgt Ion: 43 Resp: 29222
Ion Ratio Lower Upper
43 100
61 12.5 25.0 37.6#
87 8.2 13.0 19.4#

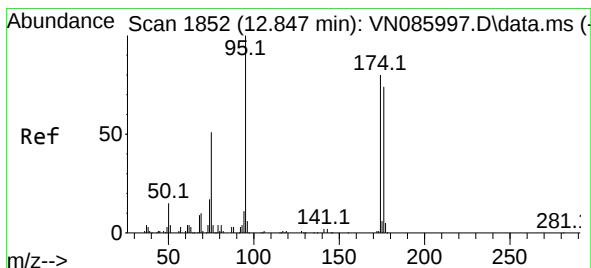
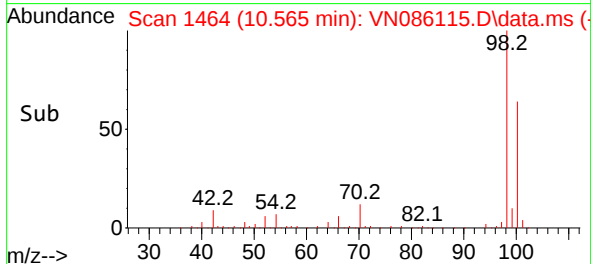
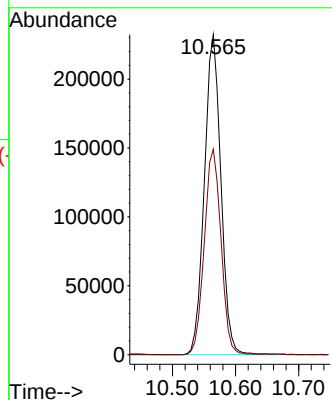
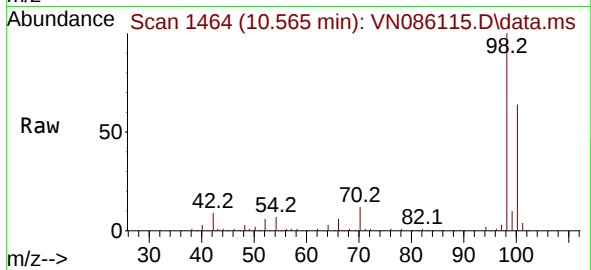




#50
Toluene-d8
Concen: 51.851 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

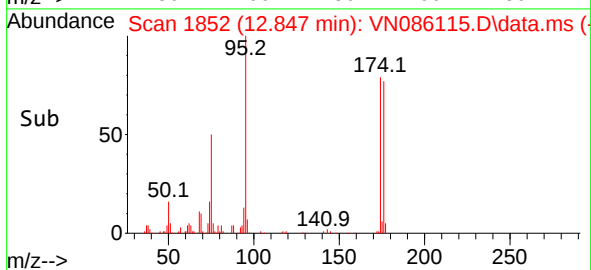
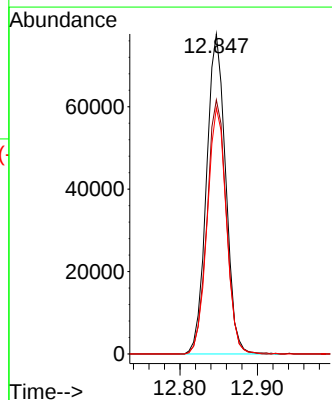
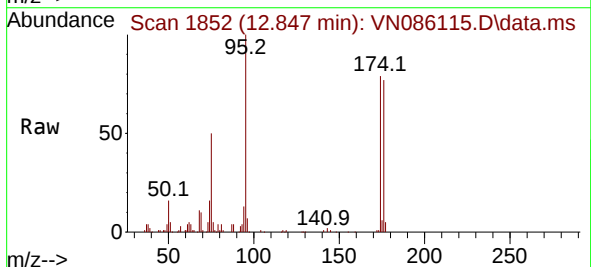
Instrument :
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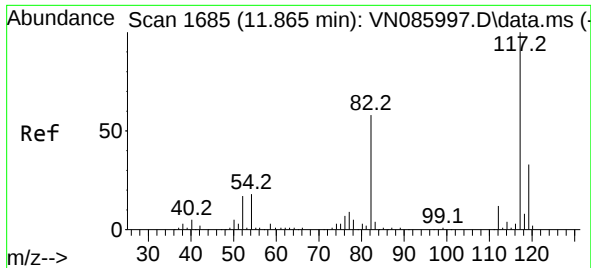
Tgt Ion: 98 Resp: 422820
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

Tgt Ion: 95 Resp: 132958
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.8
176 76.9 0.0 152.2

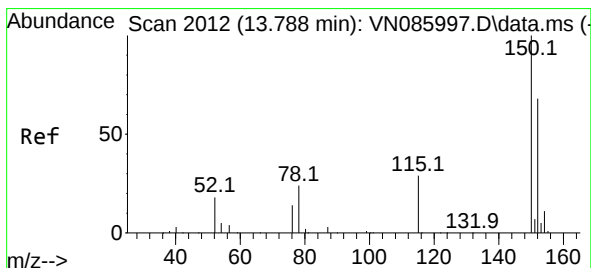
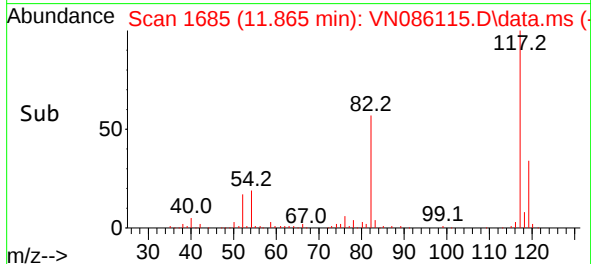
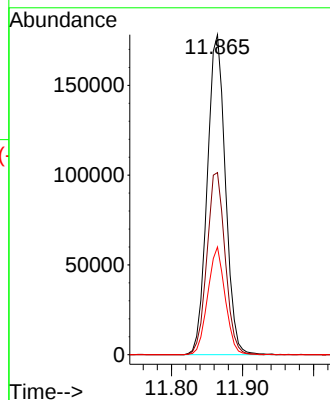
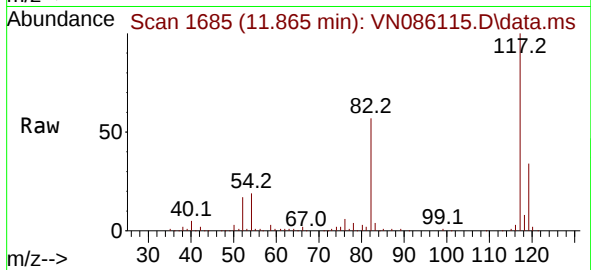




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086115.D
Acq: 25 Mar 2025 21:04

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 316919
Ion Ratio Lower Upper
117 100
82 56.9 46.7 70.1
119 33.7 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: VN086115.D
Acq: 25 Mar 2025 21:04

Tgt Ion:152 Resp: 119499
Ion Ratio Lower Upper
152 100
115 59.4 31.1 93.2
150 153.3 0.0 359.6

