

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086171.D
 Acq On : 31 Mar 2025 15:40
 Operator : JC\MD
 Sample : Q1671-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Apr 01 01:36:50 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)

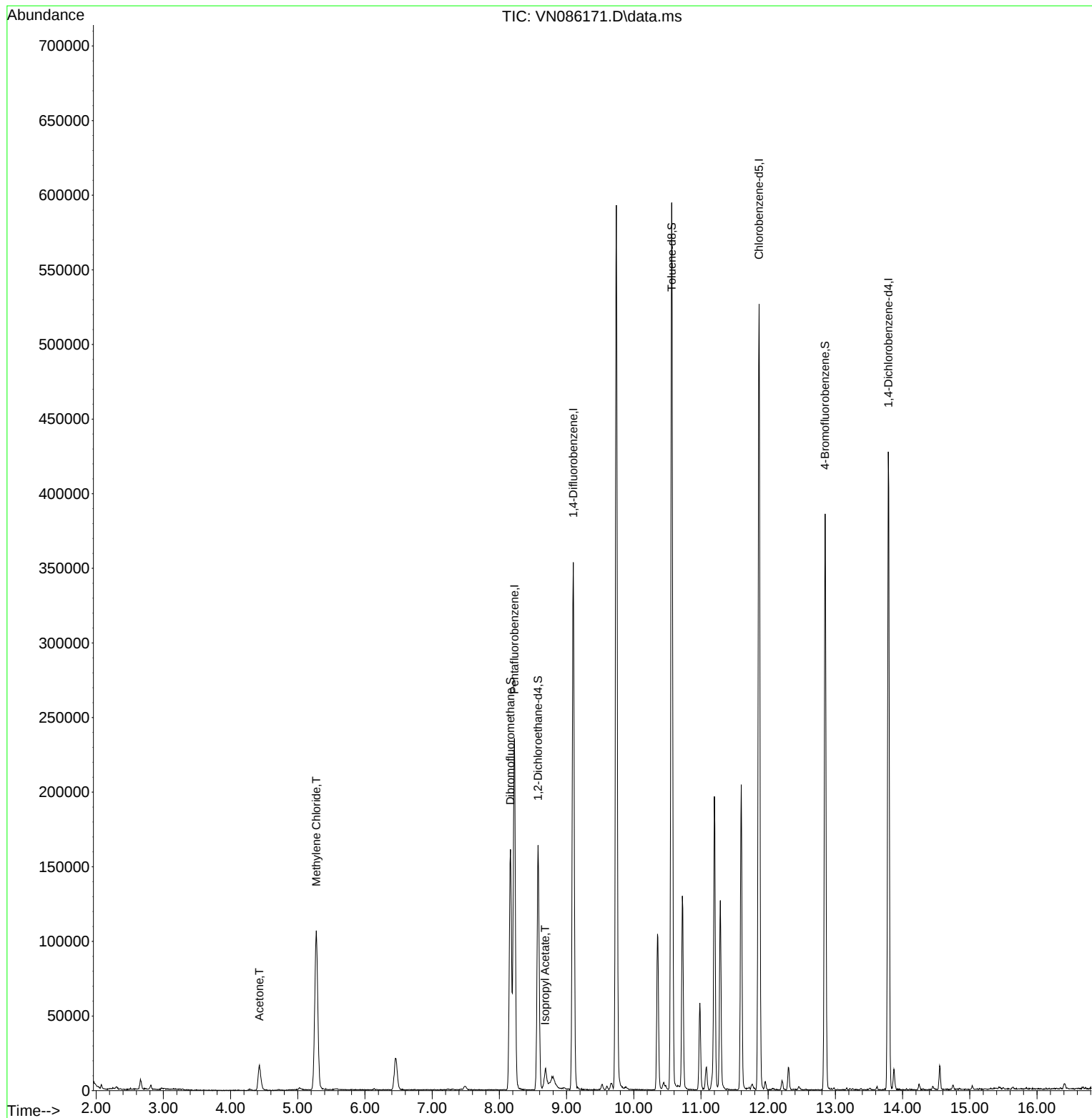
Internal Standards						
1) Pentafluorobenzene	8.224	168	172280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132058	55.978	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.960%	
35) Dibromofluoromethane	8.165	113	115805	52.202	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.400%	
50) Toluene-d8	10.565	98	421700	52.377	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.760%	
62) 4-Bromofluorobenzene	12.847	95	136370	47.494	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.980%	
Target Compounds						Qvalue
16) Acetone	4.430	43	30168	41.858	ug/l	97
20) Methylene Chloride	5.277	84	89763	42.573	ug/l	94
43) Isopropyl Acetate	8.682	43	15842	2.967	ug/l #	76

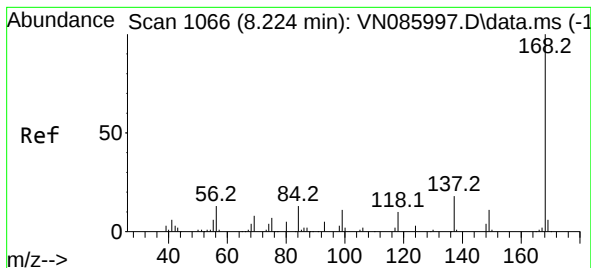
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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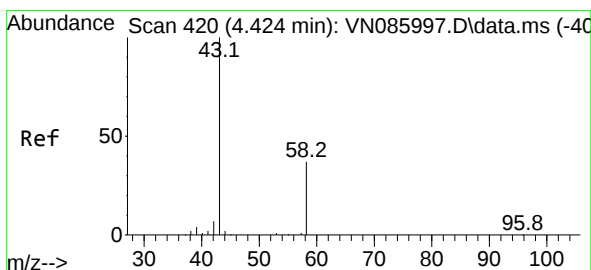
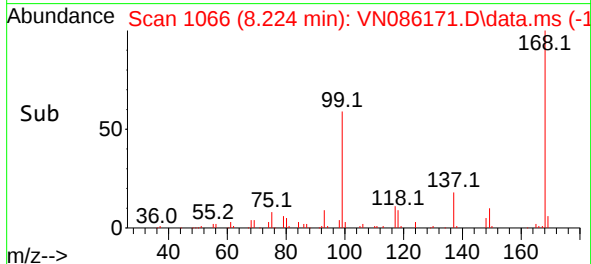
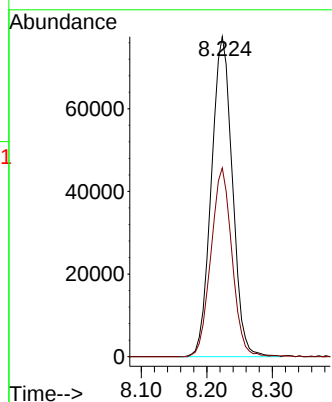
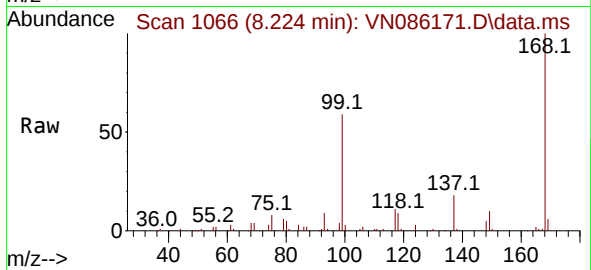




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

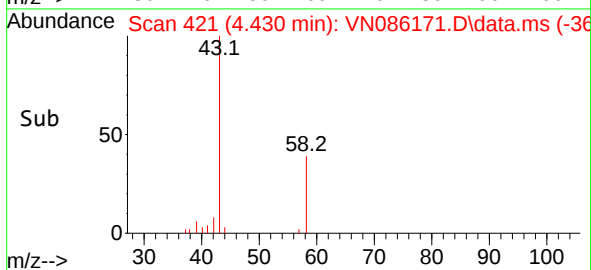
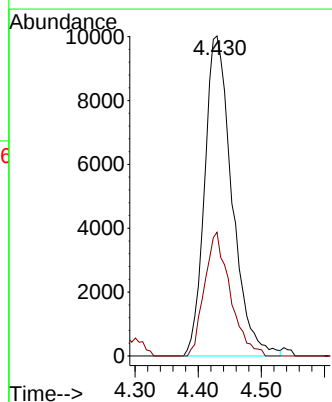
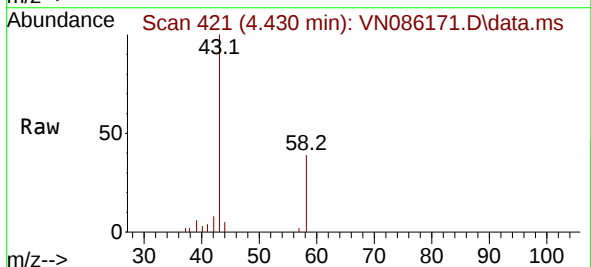
Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 172280
Ion Ratio Lower Upper
168 100
99 59.0 49.4 74.2



#16
Acetone
Concen: 41.858 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

Tgt Ion: 43 Resp: 30168
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.2



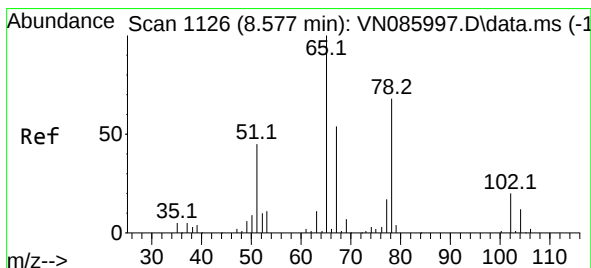
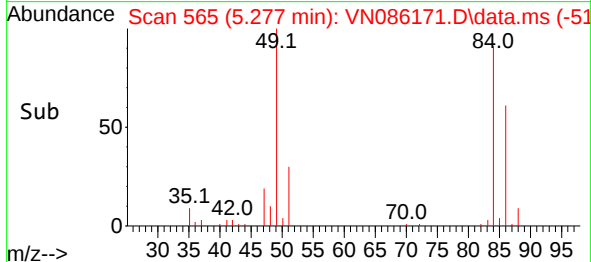
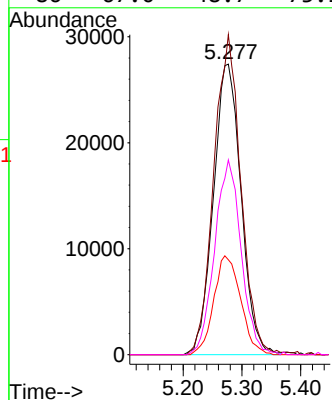
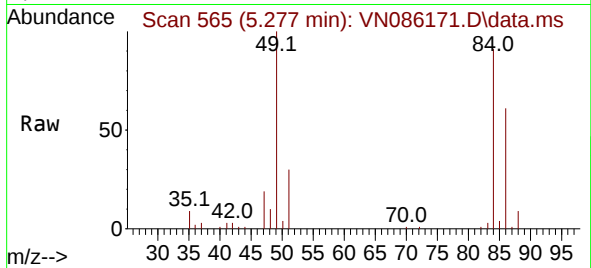


#20
Methylene Chloride
Concen: 42.573 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion: 84 Resp: 89763

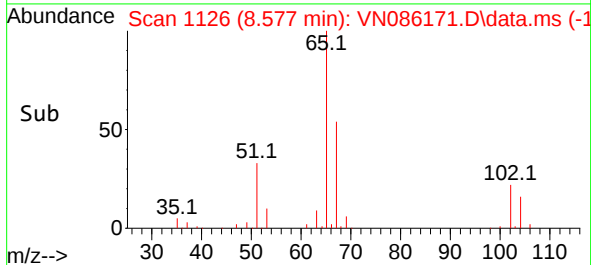
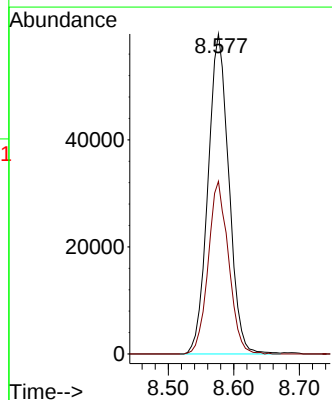
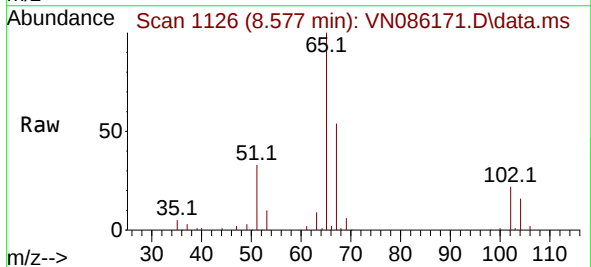
Ion	Ratio	Lower	Upper
84	100		
49	110.1	83.3	124.9
51	32.6	24.8	37.2
86	67.0	48.7	73.1

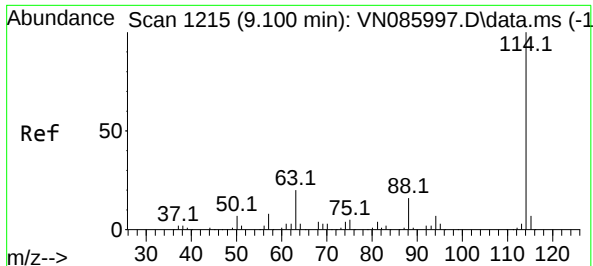


#33
1,2-Dichloroethane-d4
Concen: 55.978 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

Tgt Ion: 65 Resp: 132058

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.2

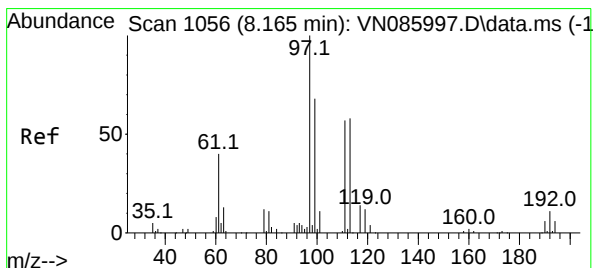
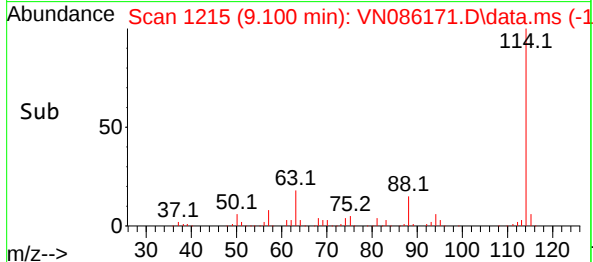
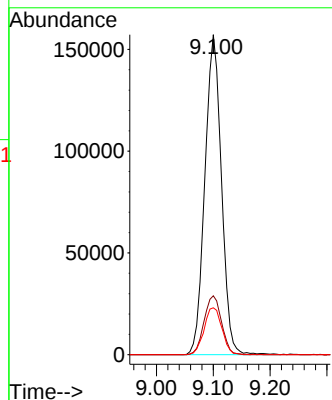
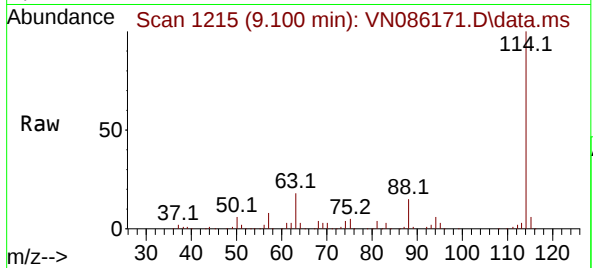




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

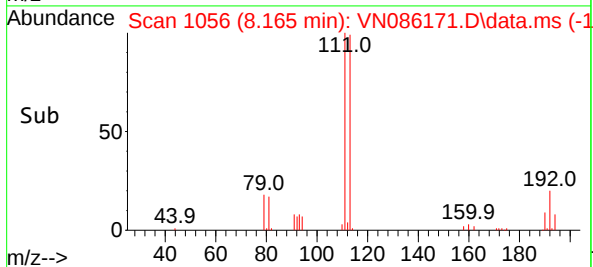
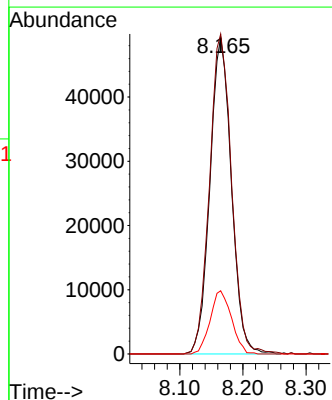
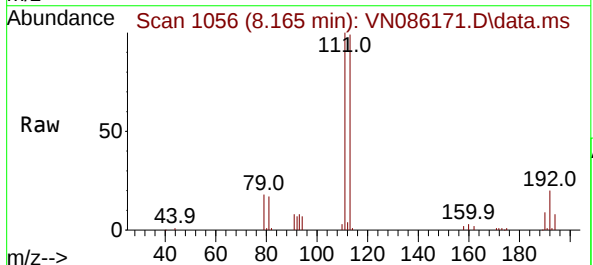
Instrument :
MSVOA_N
ClientSampleId :
WC-1

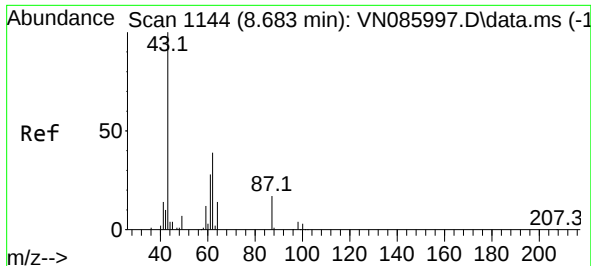
Tgt Ion:114 Resp: 317830
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.6
88 14.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.202 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

Tgt Ion:113 Resp: 115805
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 19.9 15.9 23.9





#43

Isopropyl Acetate

Concen: 2.967 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086171.D

Acq: 31 Mar 2025 15:40

Instrument :

MSVOA_N

ClientSampleId :

WC-1

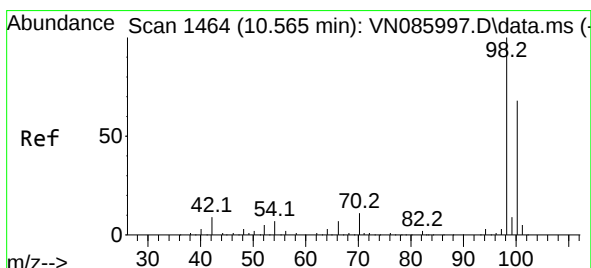
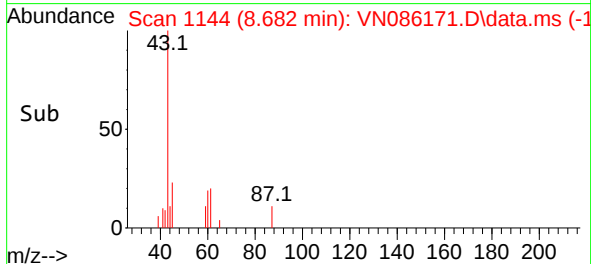
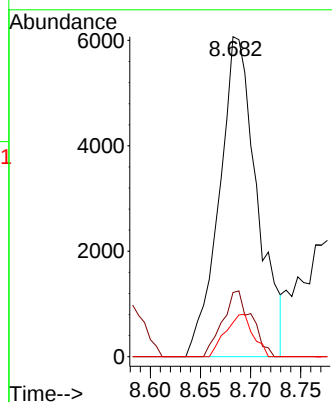
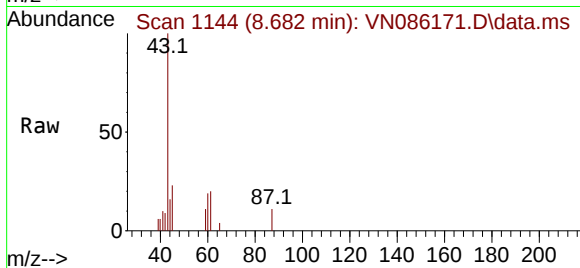
Tgt Ion: 43 Resp: 15842

Ion Ratio Lower Upper

43 100

61 15.8 25.0 37.6#

87 9.6 13.0 19.4#



#50

Toluene-d8

Concen: 52.377 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086171.D

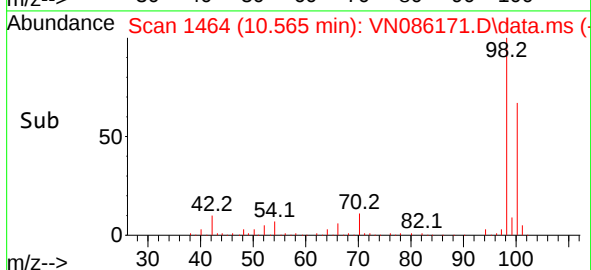
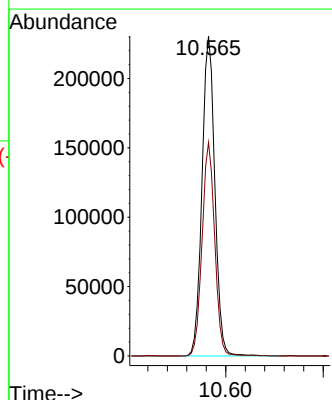
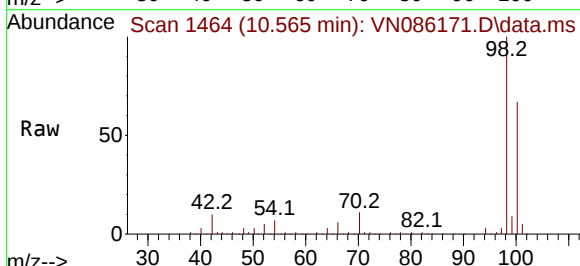
Acq: 31 Mar 2025 15:40

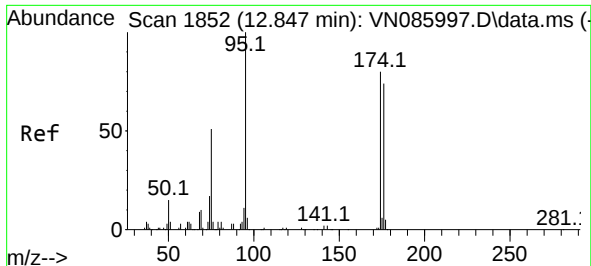
Tgt Ion: 98 Resp: 421700

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

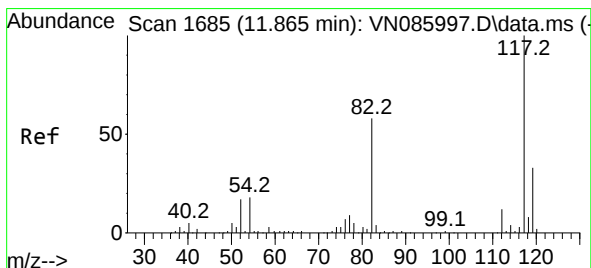
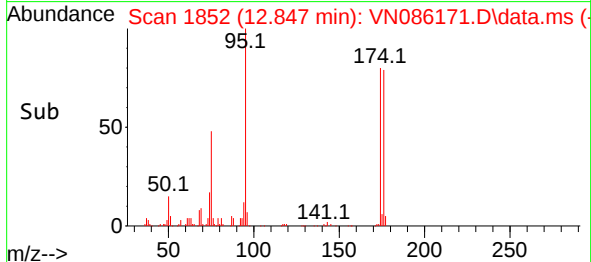
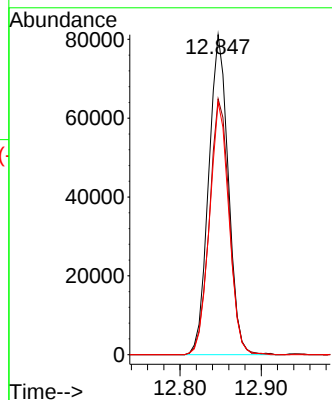
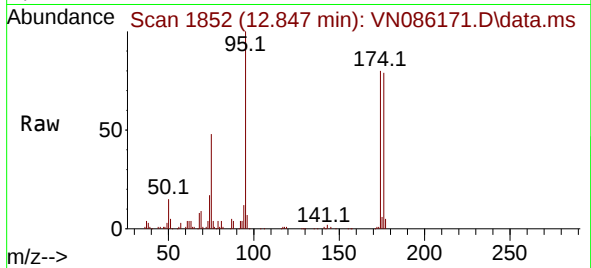




#62
4-Bromofluorobenzene
Concen: 47.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

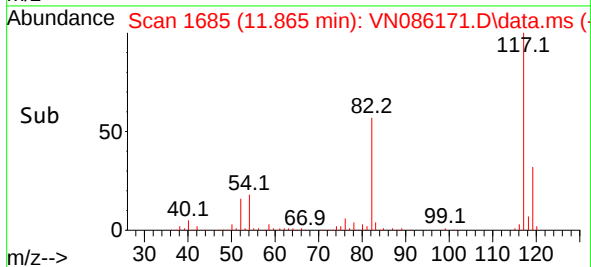
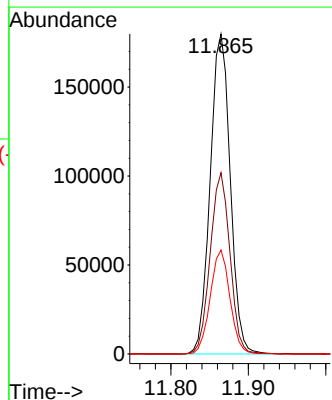
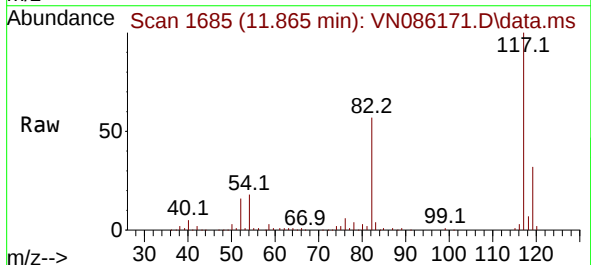
Instrument :
MSVOA_N
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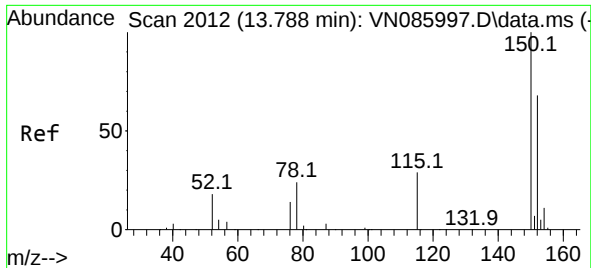
Tgt Ion: 95 Resp: 136370
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 78.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086171.D
Acq: 31 Mar 2025 15:40

Tgt Ion: 117 Resp: 324503
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 32.5 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: VN086171.D

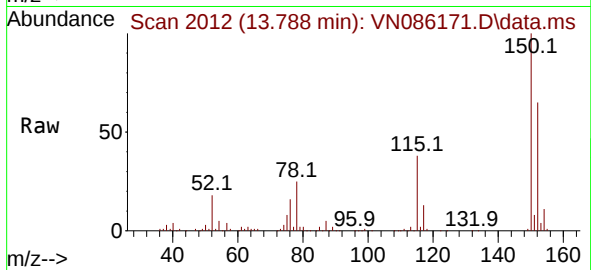
Acq: 31 Mar 2025 15:40

Instrument :

MSVOA_N

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 126111

Ion Ratio Lower Upper

152 100

115 59.1 31.1 93.2

150 157.5 0.0 359.6

