

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086110.D
 Acq On : 25 Mar 2025 19:04
 Operator : JC\MD
 Sample : Q1619-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Mar 26 03:25:01 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)

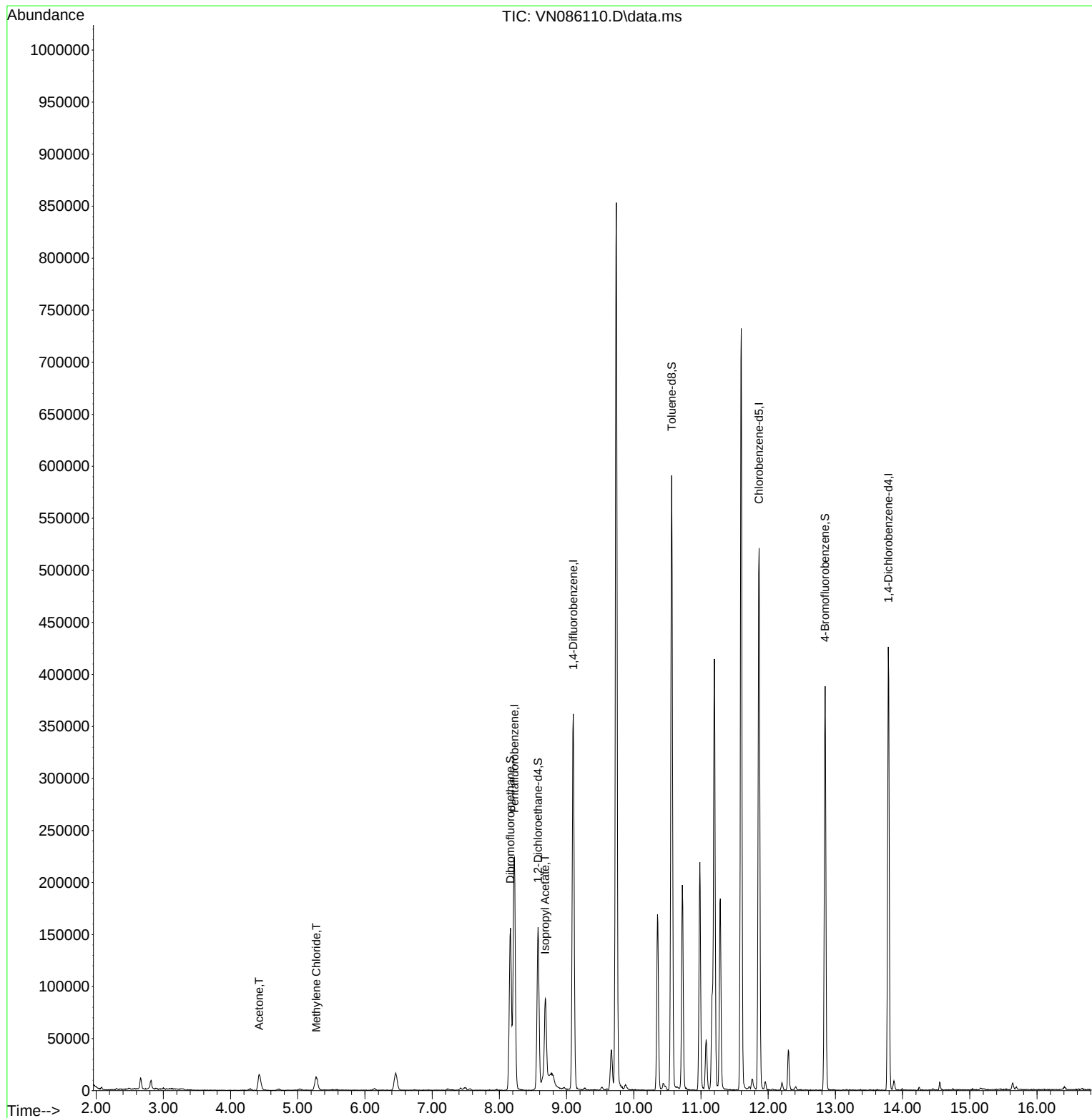
Internal Standards						
1) Pentafluorobenzene	8.224	168	162957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126987	56.908	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.820%	
35) Dibromofluoromethane	8.165	113	110682	49.815	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.620%	
50) Toluene-d8	10.565	98	414122	51.355	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.720%	
62) 4-Bromofluorobenzene	12.847	95	134691	46.836	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.680%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	28679	42.068	ug/l #	86
20) Methylene Chloride	5.277	84	11291	5.662	ug/l	93
43) Isopropyl Acetate	8.682	43	108038	20.200	ug/l #	80

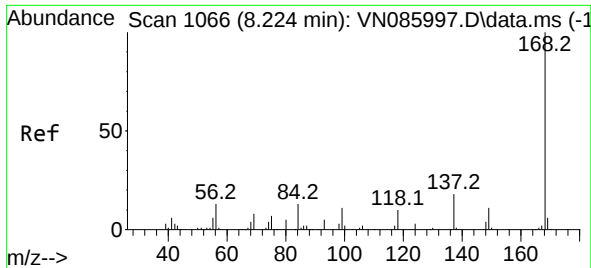
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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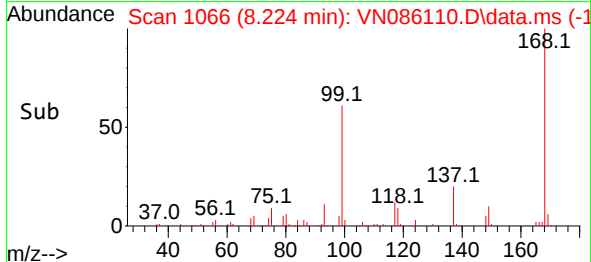
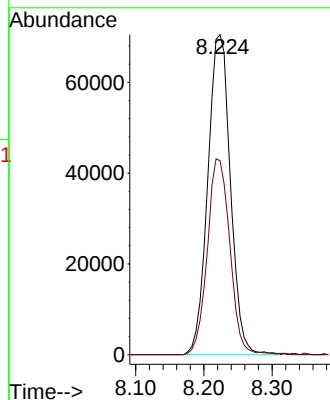
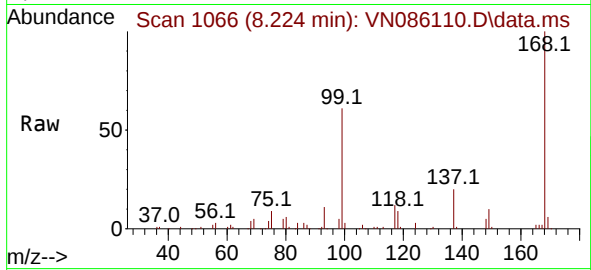




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

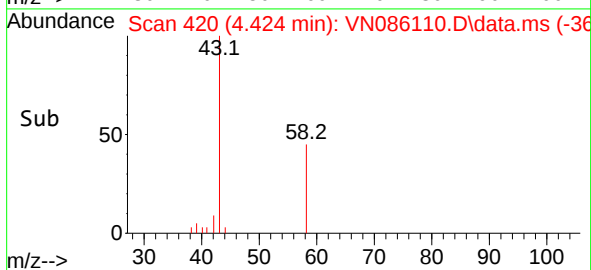
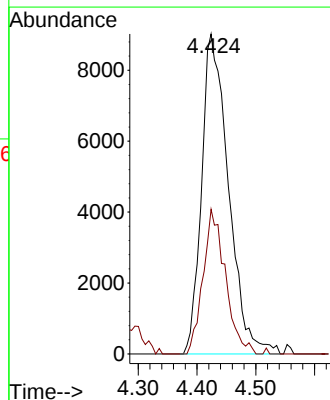
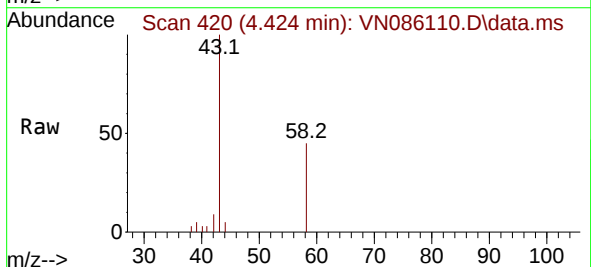
Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 162957
Ion Ratio Lower Upper
168 100
99 60.7 49.4 74.2



#16
Acetone
Concen: 42.068 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

Tgt Ion: 43 Resp: 28679
Ion Ratio Lower Upper
43 100
58 45.2 29.4 44.2#

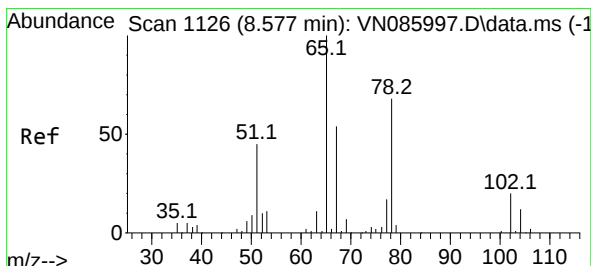
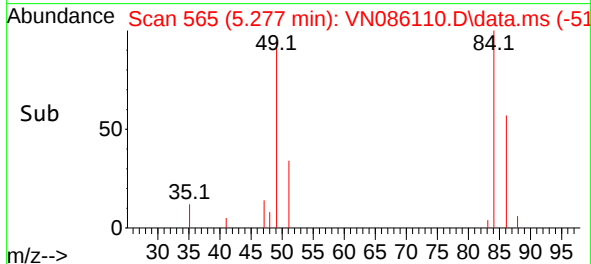
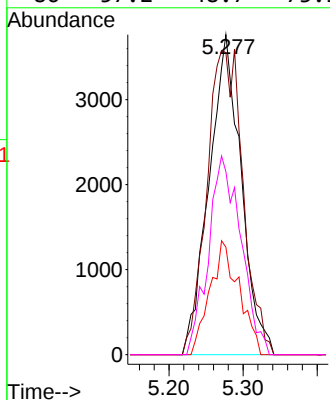
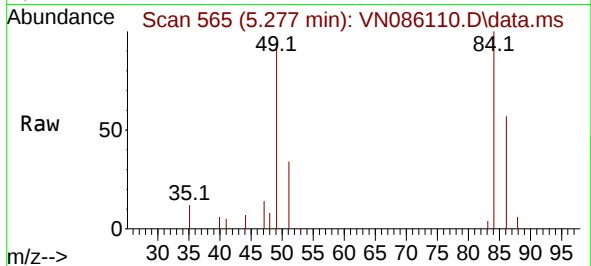




#20
Methylene Chloride
Concen: 5.662 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

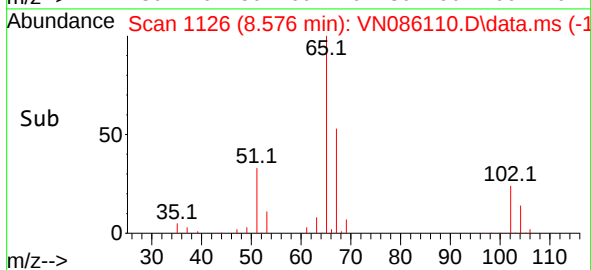
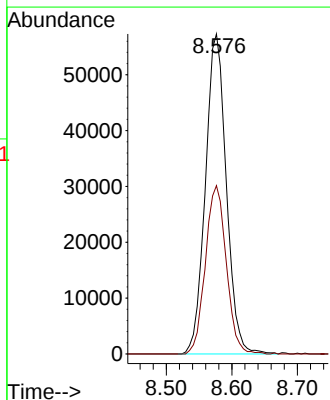
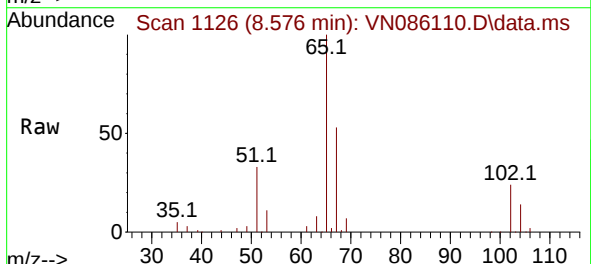
Instrument :
MSVOA_N
ClientSampleId :
TP-5

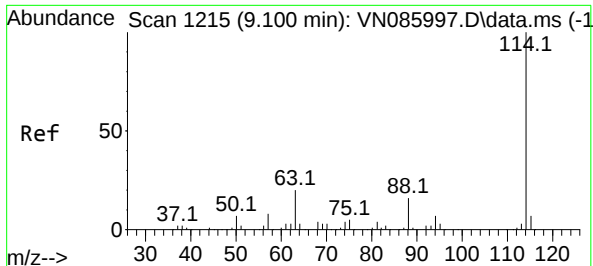
Tgt Ion:	84	Resp:	11291
Ion	Ratio	Lower	Upper
84	100		
49	94.4	83.3	124.9
51	33.6	24.8	37.2
86	57.2	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 56.908 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

Tgt Ion:	65	Resp:	126987
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.2

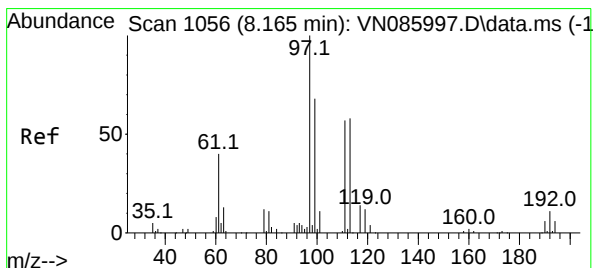
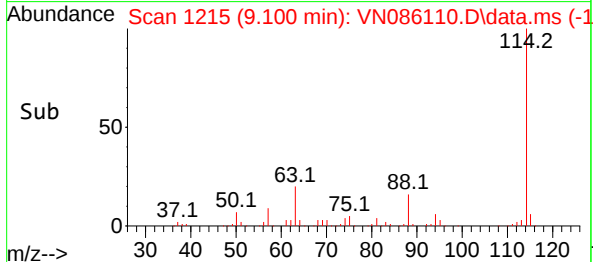
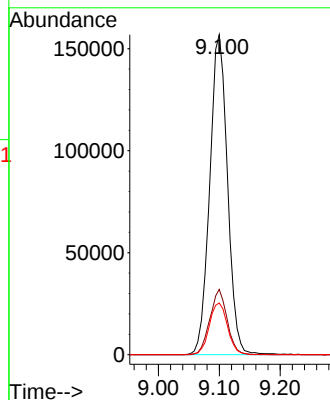
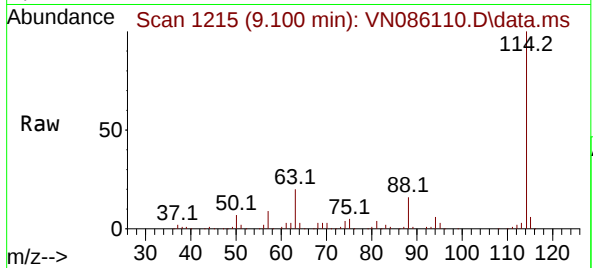




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

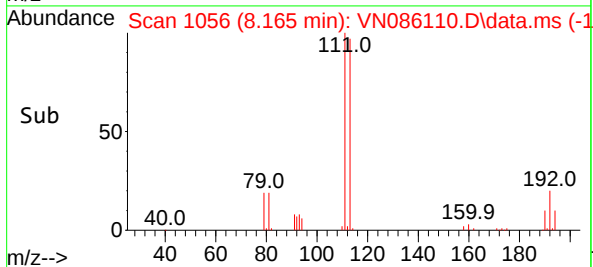
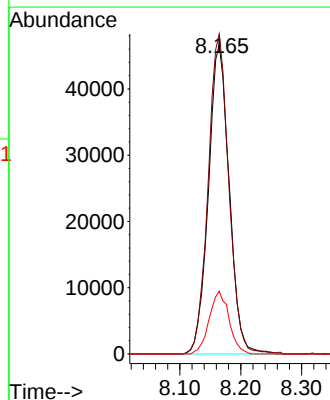
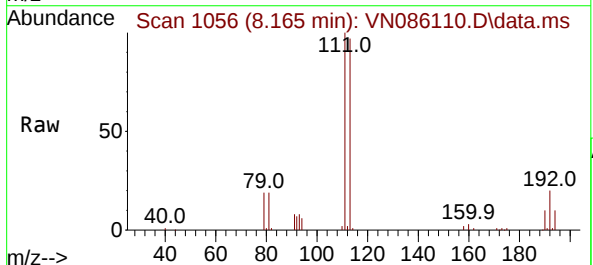
Instrument :
MSVOA_N
ClientSampleId :
TP-5

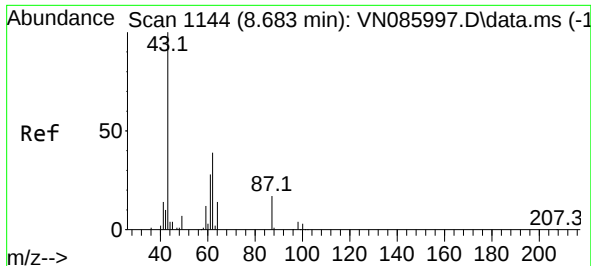
Tgt Ion:114 Resp: 318327
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

Tgt Ion:113 Resp: 110682
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 19.4 15.9 23.9





#43

Isopropyl Acetate

Concen: 20.200 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086110.D

Acq: 25 Mar 2025 19:04

Instrument :

MSVOA_N

ClientSampleId :

TP-5

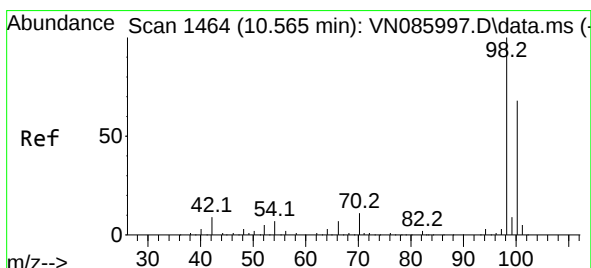
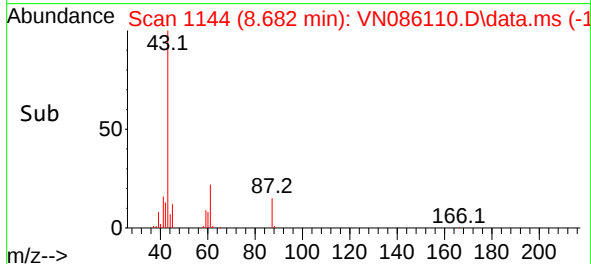
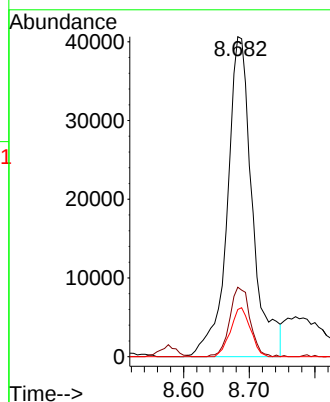
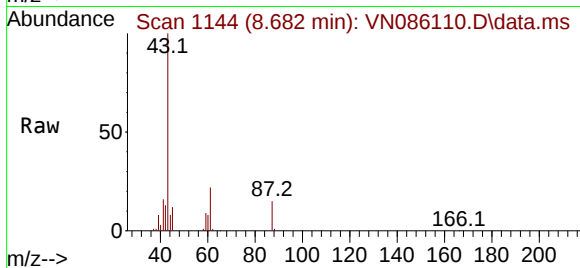
Tgt Ion: 43 Resp: 108038

Ion Ratio Lower Upper

43 100

61 17.6 25.0 37.6#

87 12.1 13.0 19.4#



#50

Toluene-d8

Concen: 51.355 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086110.D

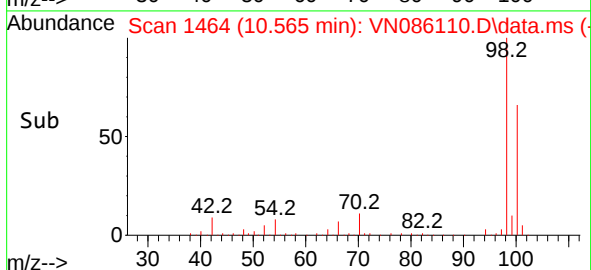
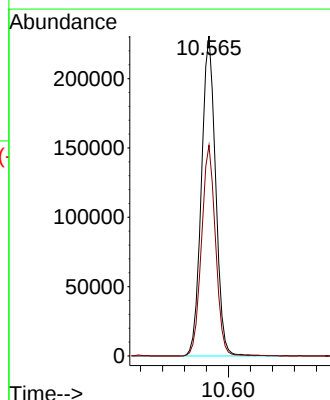
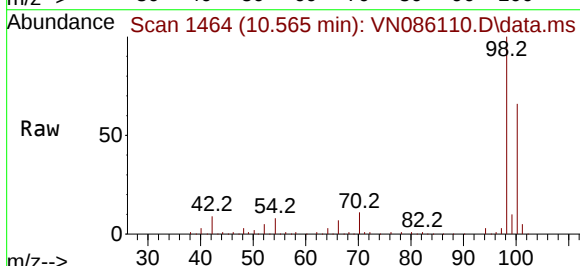
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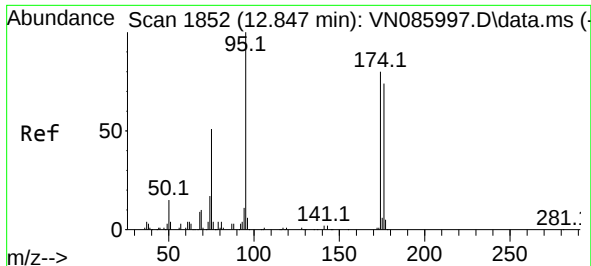
Tgt Ion: 98 Resp: 414122

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7

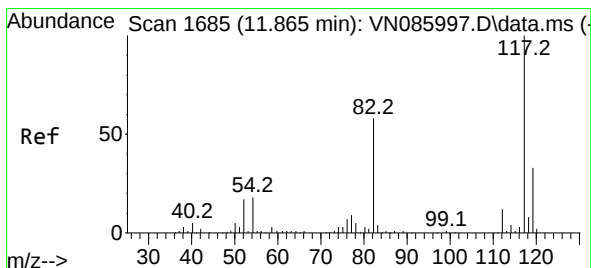
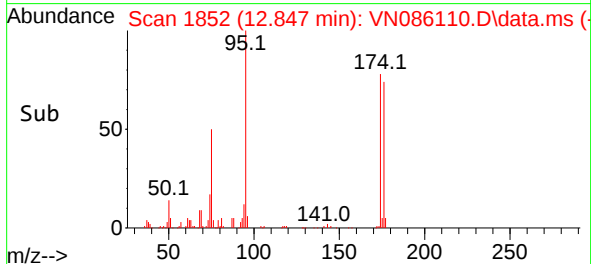
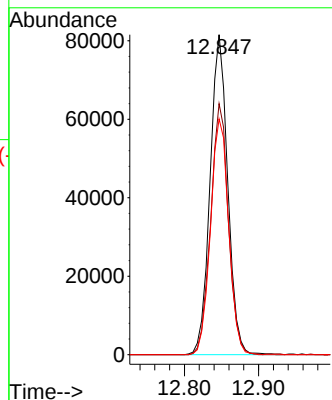
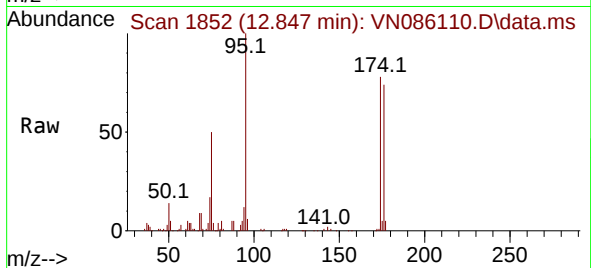




#62
4-Bromofluorobenzene
Concen: 46.836 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

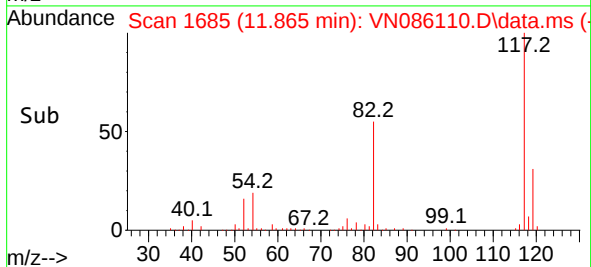
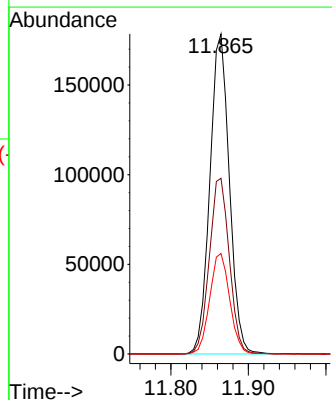
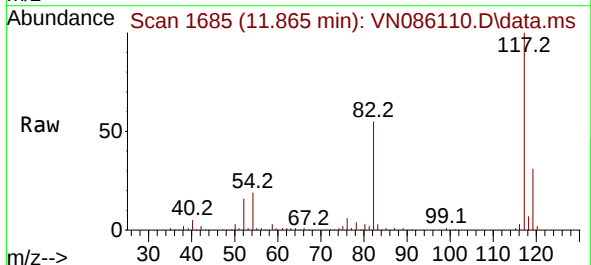
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TP-5

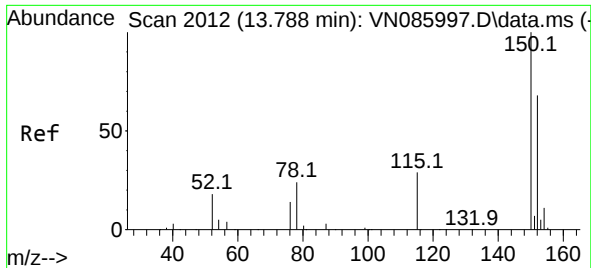
Tgt Ion: 95 Resp: 134691
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.8
176 75.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086110.D
Acq: 25 Mar 2025 19:04

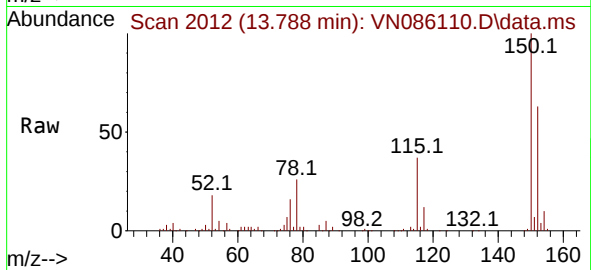
Tgt Ion: 117 Resp: 311916
Ion Ratio Lower Upper
117 100
82 54.9 46.7 70.1
119 31.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086110.D
 Acq: 25 Mar 2025 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5



Tgt Ion:152 Resp: 120981
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.1 93.2
 150 156.5 0.0 359.6

