

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086161.D
 Acq On : 28 Mar 2025 19:30
 Operator : JC\MD
 Sample : Q1666-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-05

Quant Time: Mar 28 23:40:12 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)

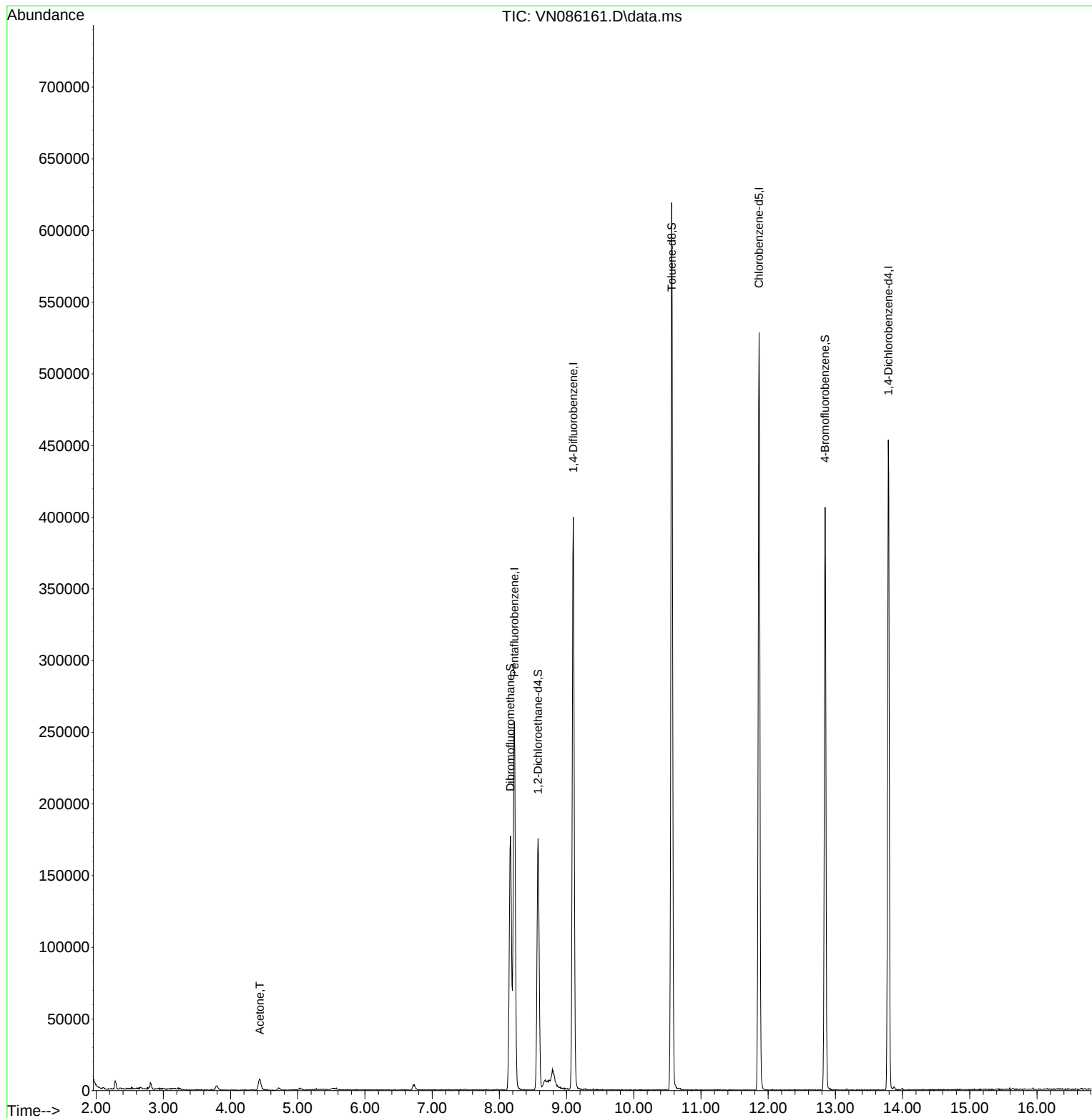
Internal Standards						
1) Pentafluorobenzene	8.224	168	186773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146315	57.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.420%
35) Dibromofluoromethane	8.165	113	129148	53.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	10.565	98	428933	48.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.847	95	141125	44.775	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.540%
Target Compounds						
16) Acetone	4.436	43	14952	19.136	ug/l	Qvalue # 88

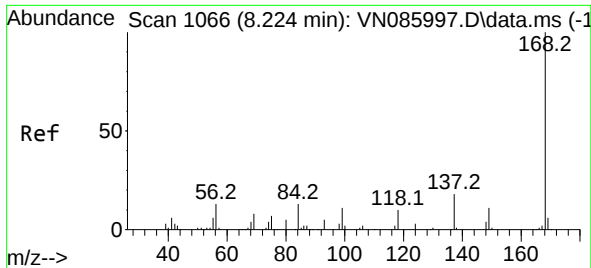
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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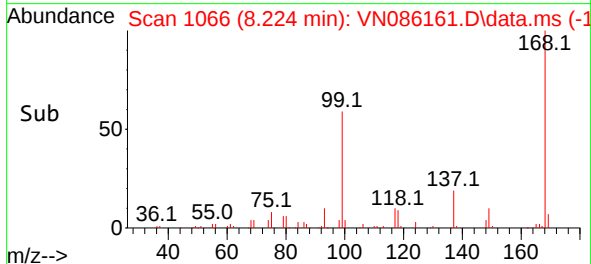
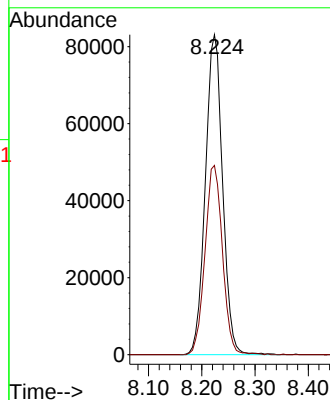
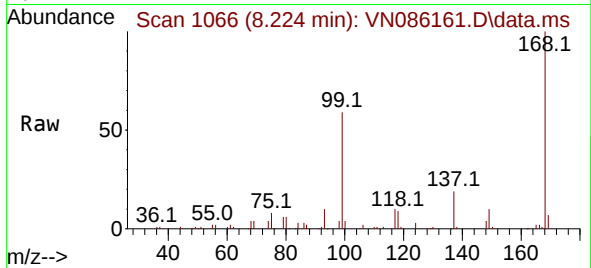




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086161.D
Acq: 28 Mar 2025 19:30

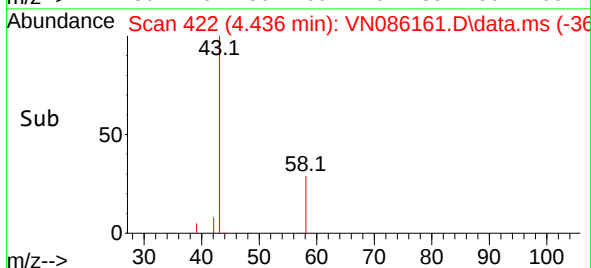
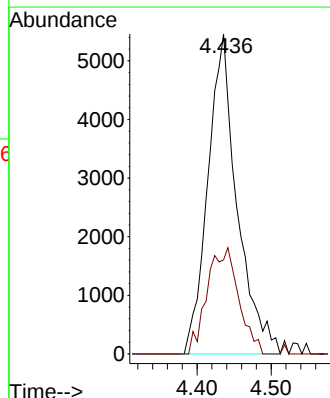
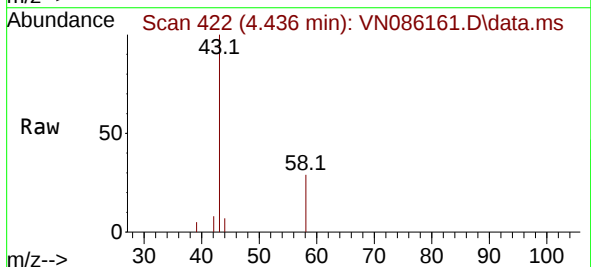
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-05

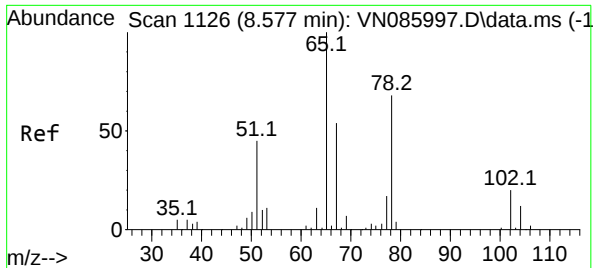
Tgt Ion:168 Resp: 186773
Ion Ratio Lower Upper
168 100
99 59.1 49.4 74.2



#16
Acetone
Concen: 19.136 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086161.D
Acq: 28 Mar 2025 19:30

Tgt Ion: 43 Resp: 14952
Ion Ratio Lower Upper
43 100
58 29.4 29.4 44.2#

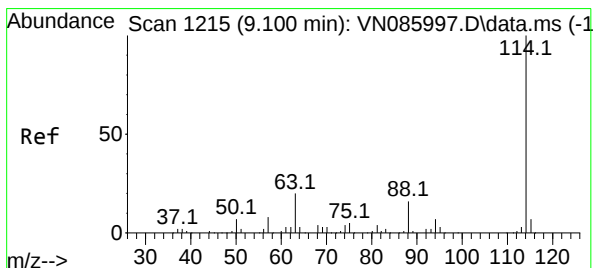
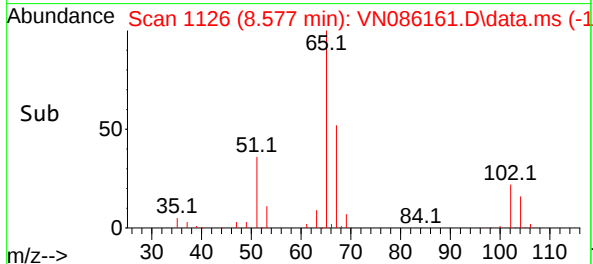
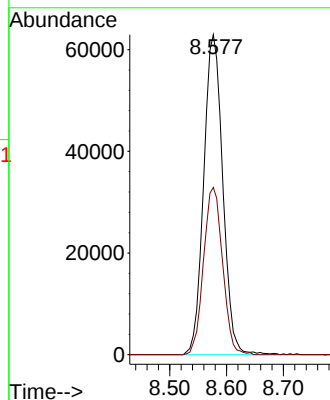
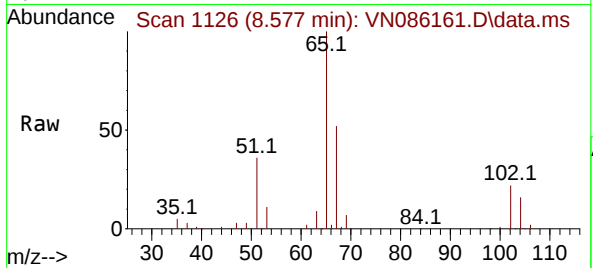




#33
 1,2-Dichloroethane-d4
 Concen: 57.209 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086161.D
 Acq: 28 Mar 2025 19:30

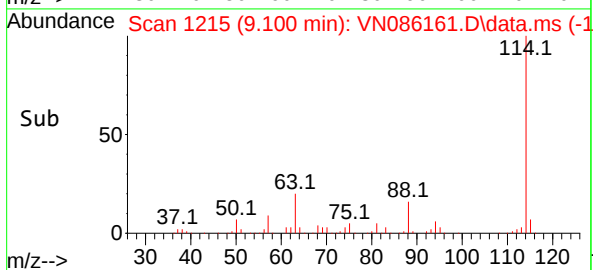
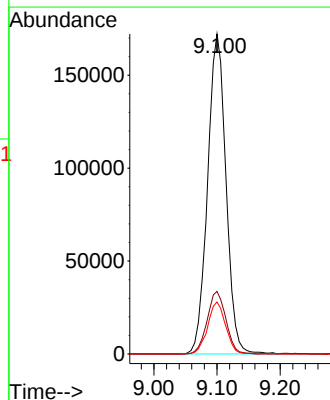
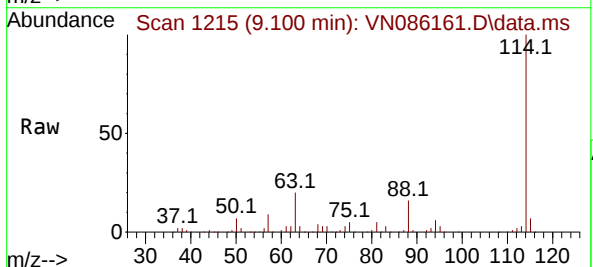
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 TW-WTS-05

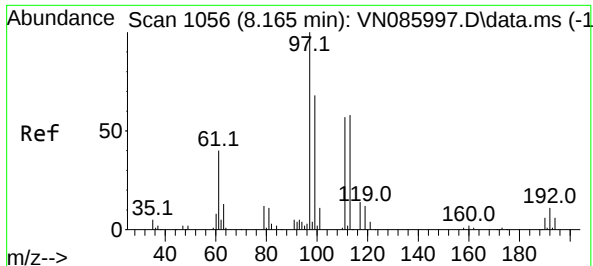
Tgt Ion: 65 Resp: 146315
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086161.D
 Acq: 28 Mar 2025 19:30

Tgt Ion: 114 Resp: 348886
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.034 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086161.D

Acq: 28 Mar 2025 19:30

Instrument :

MSVOA_N

ClientSampleId :

TW-WTS-05

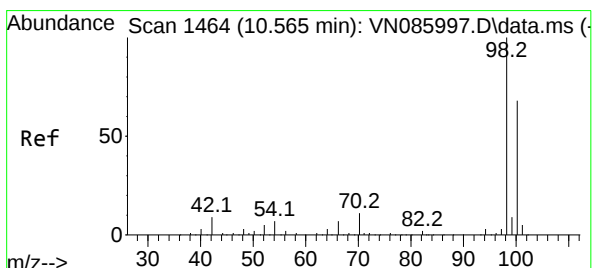
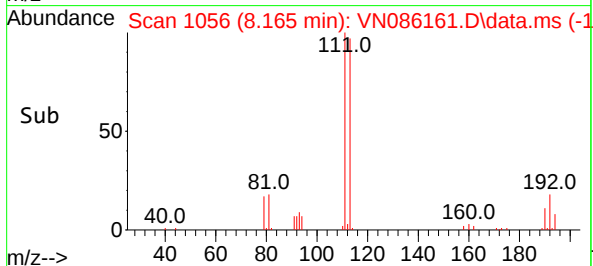
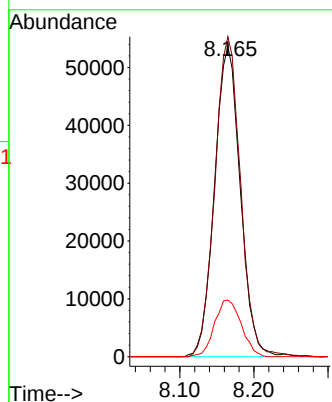
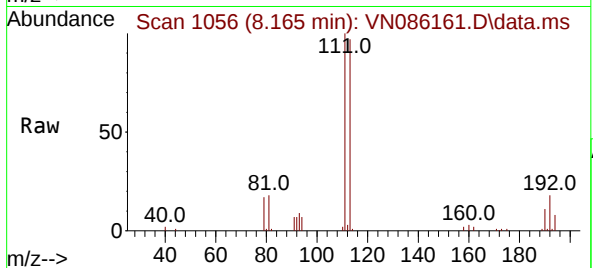
Tgt Ion:113 Resp: 129148

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 19.0 15.9 23.9



#50

Toluene-d8

Concen: 48.533 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086161.D

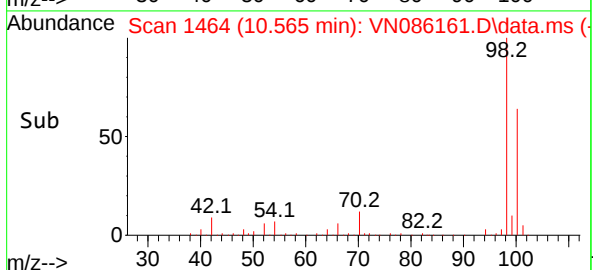
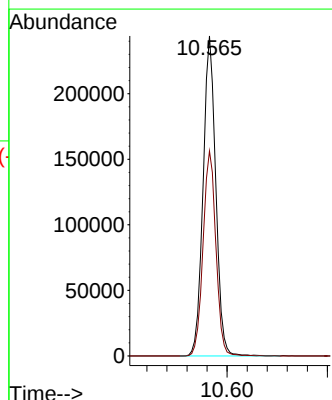
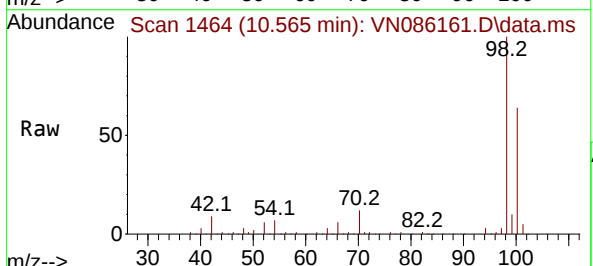
Acq: 28 Mar 2025 19:30

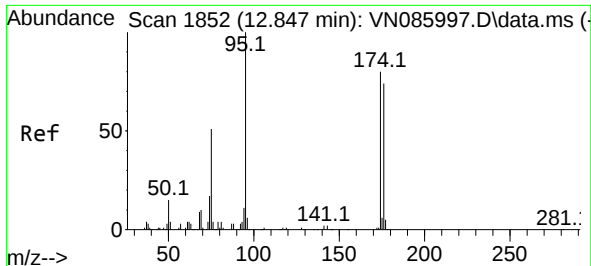
Tgt Ion: 98 Resp: 428933

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

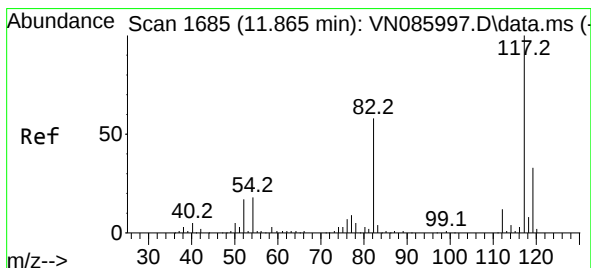
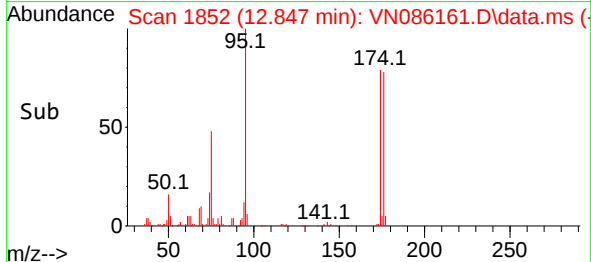
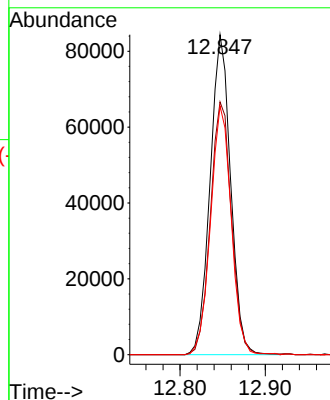
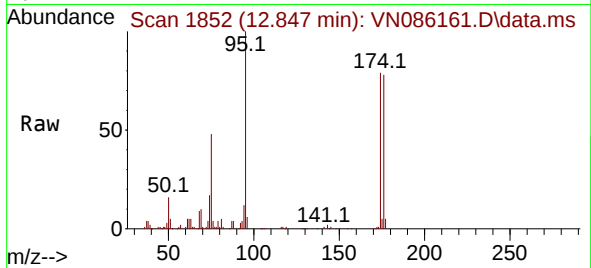




#62
4-Bromofluorobenzene
Concen: 44.775 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086161.D
Acq: 28 Mar 2025 19:30

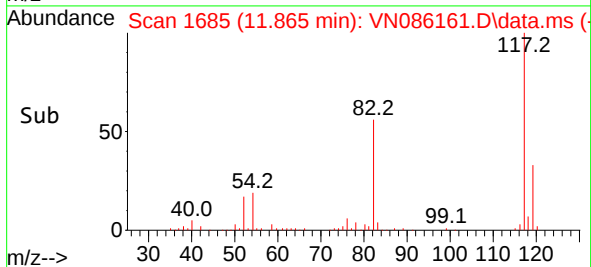
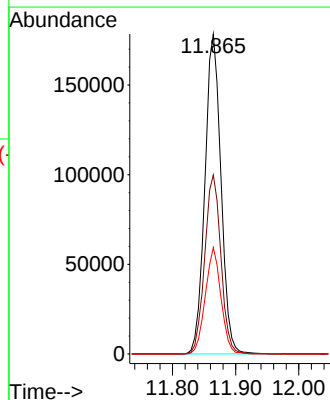
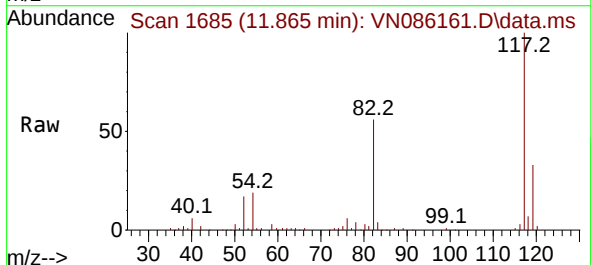
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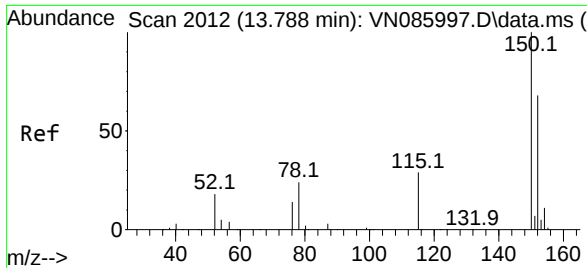
Tgt Ion: 95 Resp: 141125
Ion Ratio Lower Upper
95 100
174 81.2 0.0 156.8
176 78.0 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086161.D
Acq: 28 Mar 2025 19:30

Tgt Ion: 117 Resp: 315725
Ion Ratio Lower Upper
117 100
82 55.9 46.7 70.1
119 33.3 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: VN086161.D
 Acq: 28 Mar 2025 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-05

Tgt Ion:152 Resp: 132655
 Ion Ratio Lower Upper
 152 100
 115 58.7 31.1 93.2
 150 156.3 0.0 359.6

