

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085760.D
 Acq On : 11 Feb 2025 21:13
 Operator : JC\MD
 Sample : Q1349-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-1-PERMIT

Quant Time: Feb 11 23:27:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

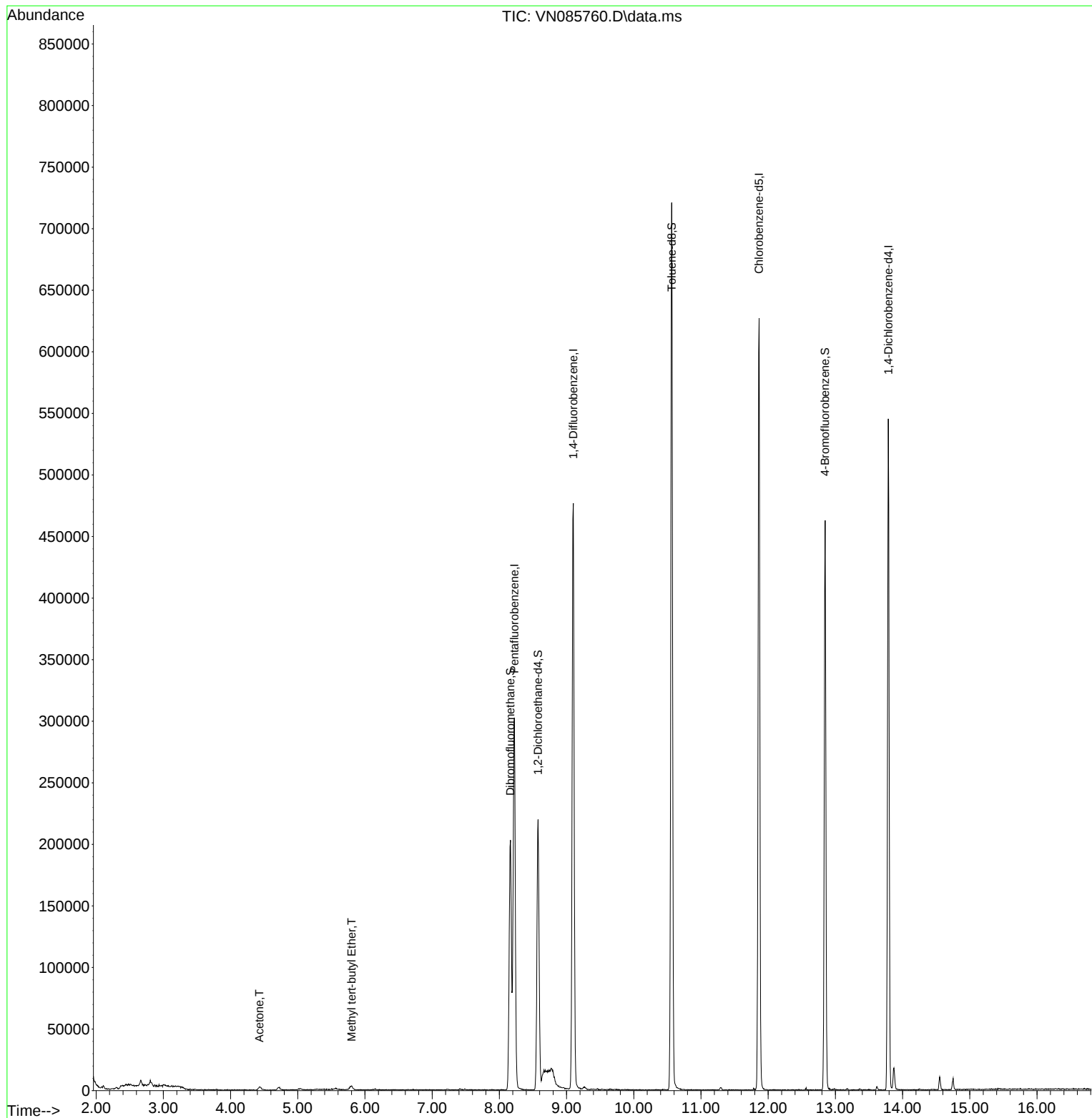
Internal Standards						
1) Pentafluorobenzene	8.224	168	212008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	414040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179528	52.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.920%	
35) Dibromofluoromethane	8.165	113	149931	52.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.400%	
50) Toluene-d8	10.565	98	499933	48.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.847	95	155780	44.622	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.240%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	5390	4.874	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	4971	0.673	ug/l	99

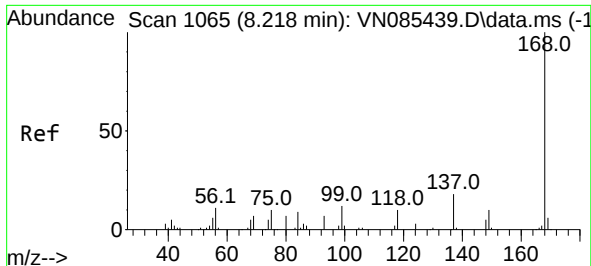
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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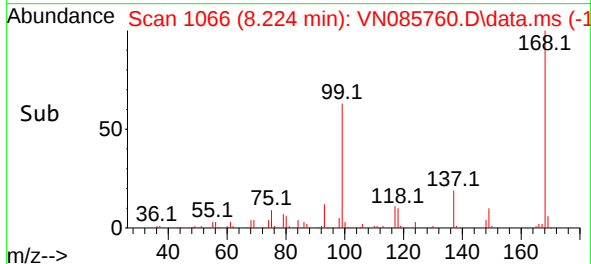
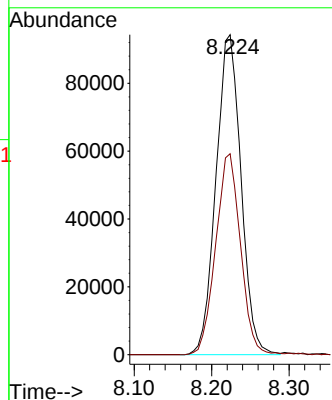
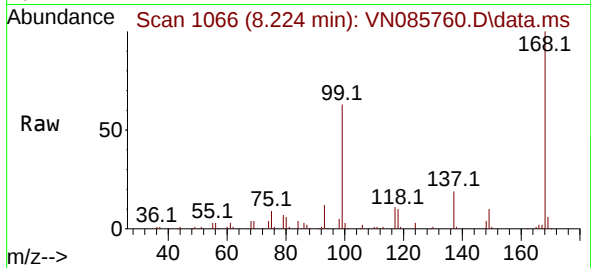




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

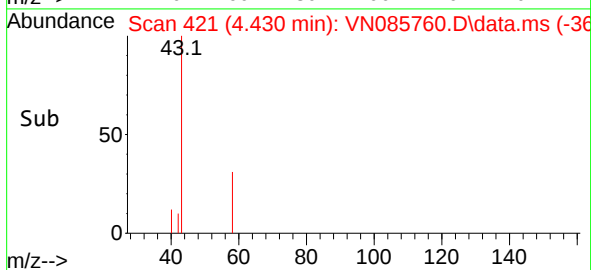
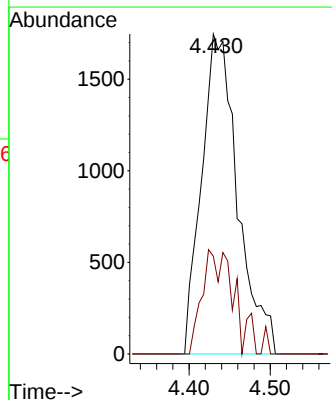
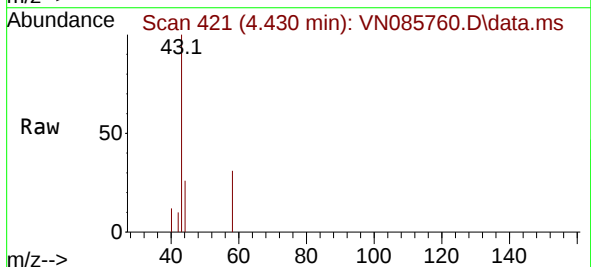
Instrument :
MSVOA_N
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TWP-1-PERMIT

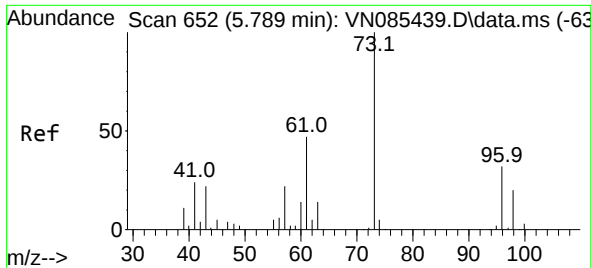
Tgt Ion:168 Resp: 212008
Ion Ratio Lower Upper
168 100
99 62.8 53.6 80.4



#16
Acetone
Concen: 4.874 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

Tgt Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.6

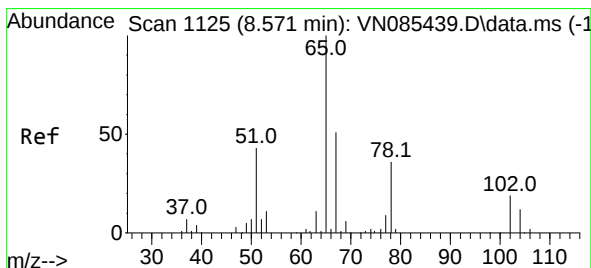
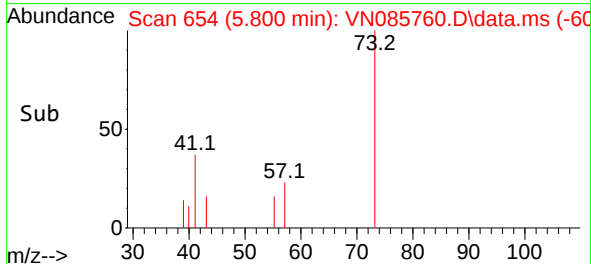
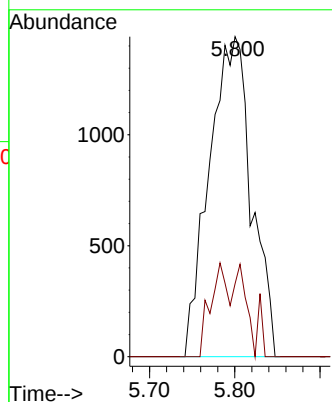
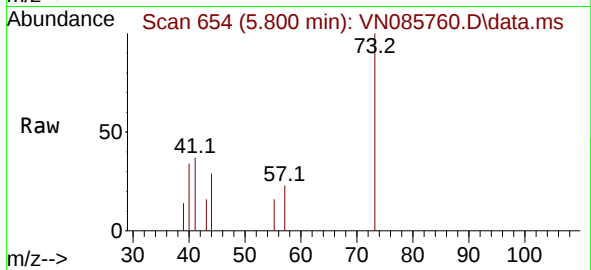




#19
Methyl tert-butyl Ether
Concen: 0.673 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

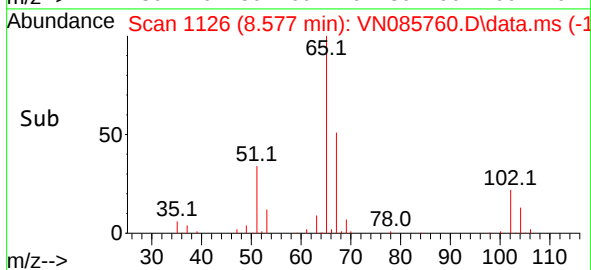
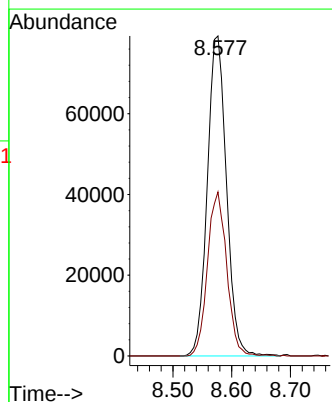
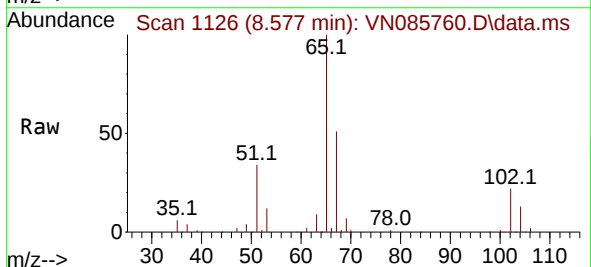
Instrument :
MSVOA_N
ClientSampleId :
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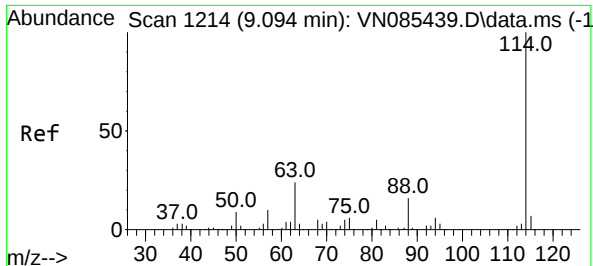
Tgt Ion: 73 Resp: 4971
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 52.459 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

Tgt Ion: 65 Resp: 179528
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085760.D

Acq: 11 Feb 2025 21:13

Instrument :

MSVOA_N

ClientSampleId :

TWP-1-PERMIT

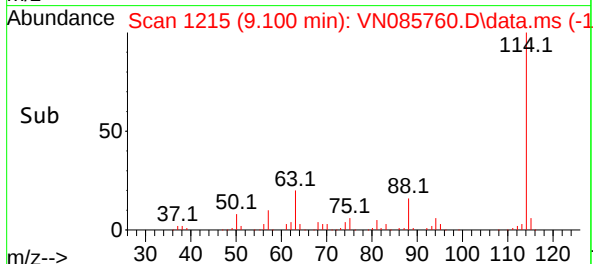
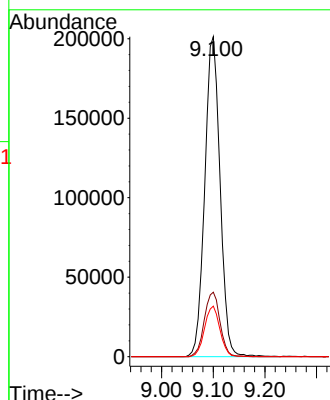
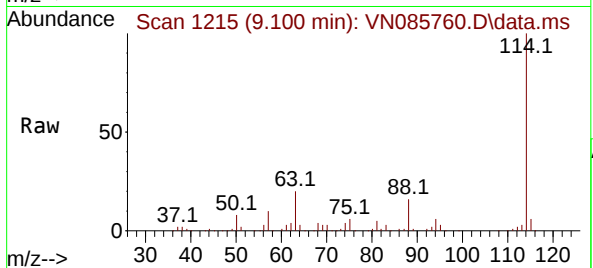
Tgt Ion:114 Resp: 414040

Ion Ratio Lower Upper

114 100

63 20.2 0.0 47.6

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085760.D

Acq: 11 Feb 2025 21:13

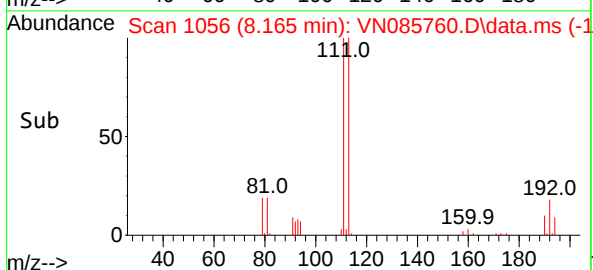
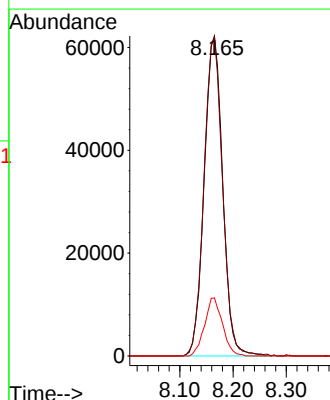
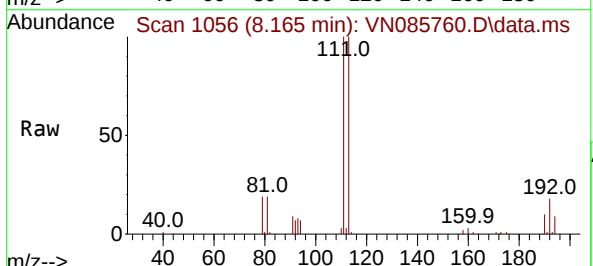
Tgt Ion:113 Resp: 149931

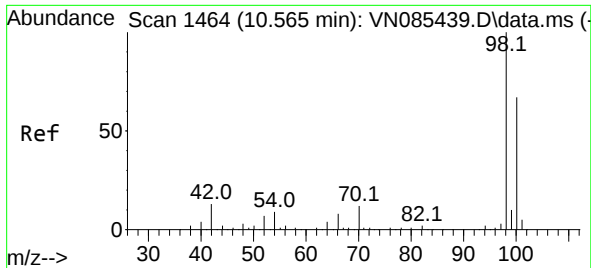
Ion Ratio Lower Upper

113 100

111 99.9 82.7 124.1

192 17.6 14.3 21.5

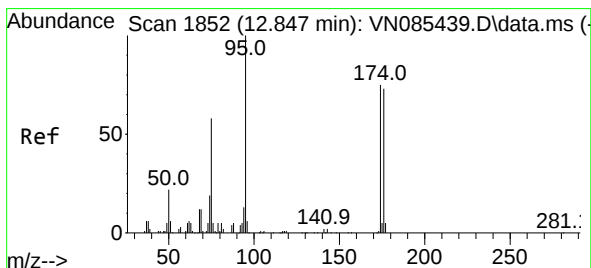
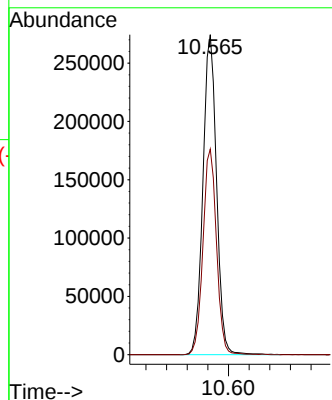
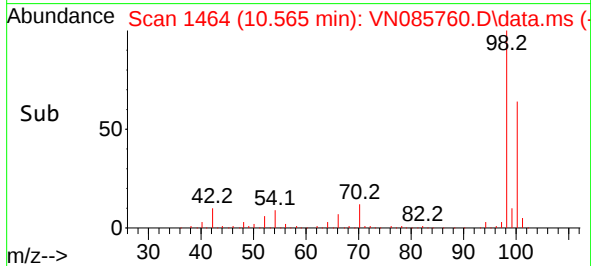
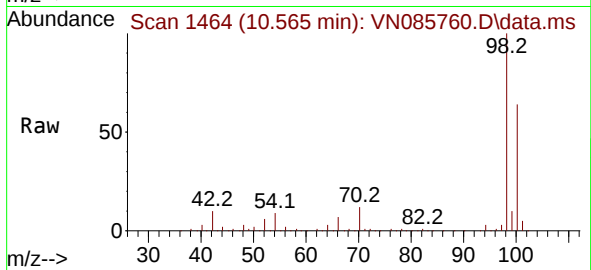




#50
Toluene-d8
Concen: 48.986 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

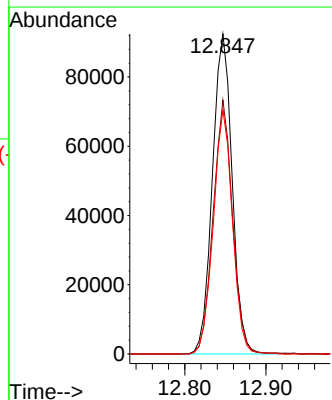
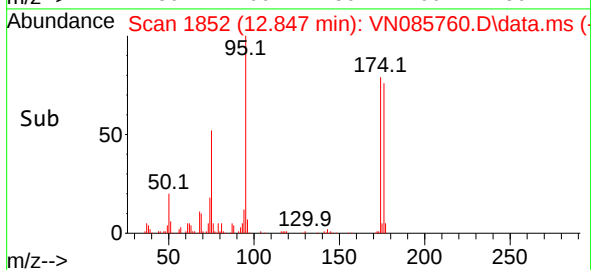
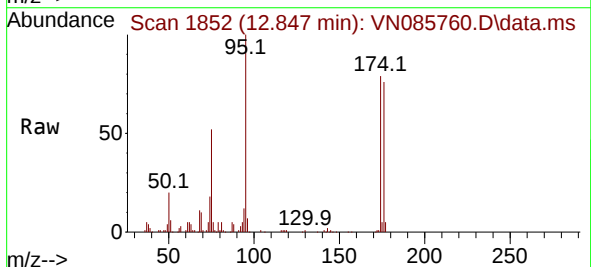
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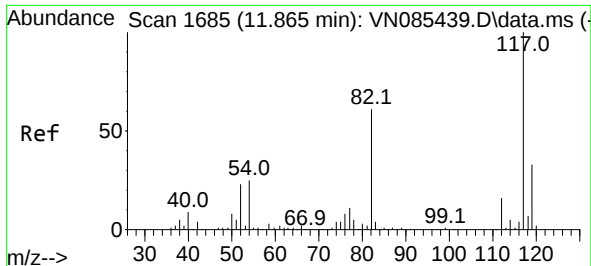
Tgt Ion: 98 Resp: 499933
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.622 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

Tgt Ion: 95 Resp: 155780
Ion Ratio Lower Upper
95 100
174 78.5 0.0 145.0
176 74.5 0.0 142.4

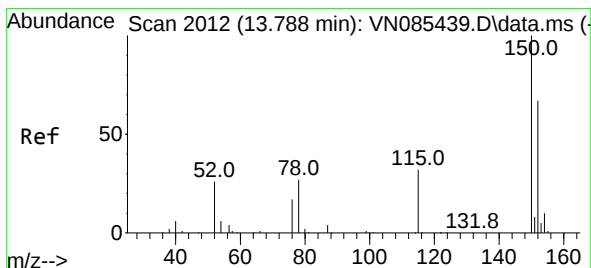
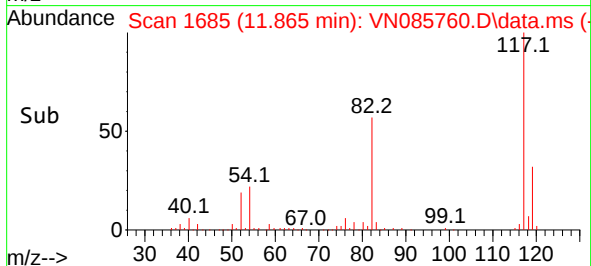
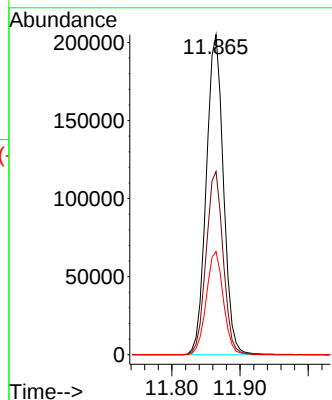
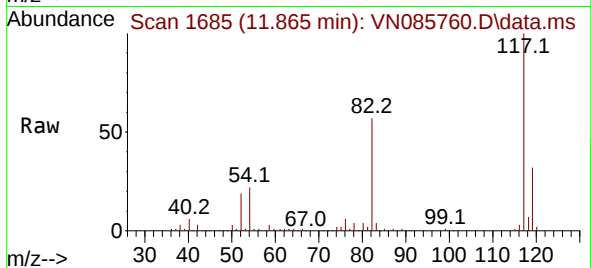




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

Instrument :
MSVOA_N
ClientSampleId :
TWP-1-PERMIT

Tgt Ion:117 Resp: 359182
Ion Ratio Lower Upper
117 100
82 57.3 48.6 72.8
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085760.D
Acq: 11 Feb 2025 21:13

Tgt Ion:152 Resp: 145329
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.3
150 156.8 0.0 343.6

