

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031783.D
 Acq On : 09 Jul 2025 17:52
 Operator : SY/MD
 Sample : Q2529-06
 Misc : 5.97g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-102

Quant Time: Jul 10 01:30:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

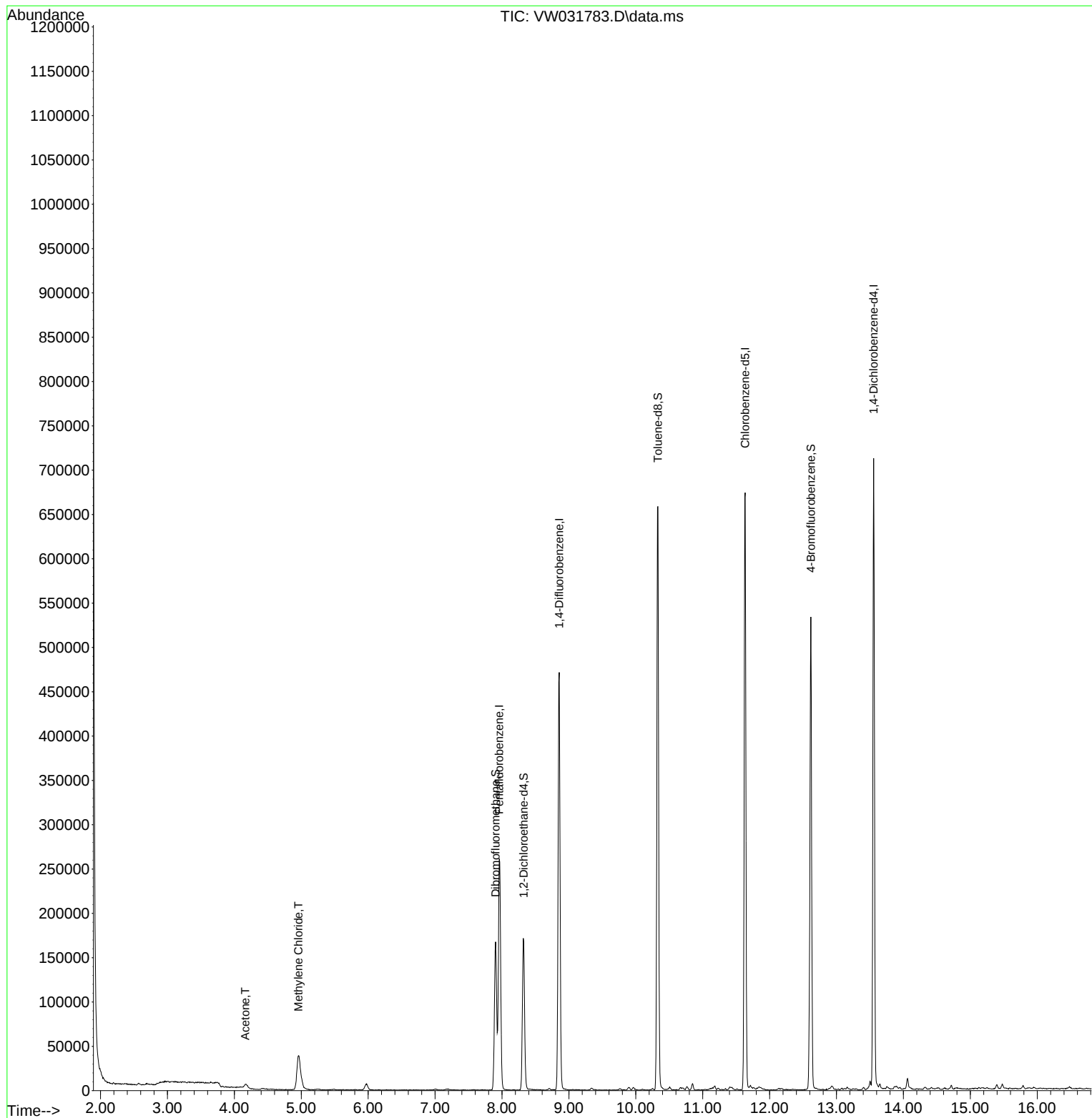
Internal Standards						
1) Pentafluorobenzene	7.959	168	183694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	366778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	144681	54.882	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	109.760%
35) Dibromofluoromethane	7.904	113	120826	46.491	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.980%
50) Toluene-d8	10.331	98	449750	46.502	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.617	95	168528	47.350	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.700%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	7157	10.984	ug/l	95
20) Methylene Chloride	4.960	84	35768	10.076	ug/l	95

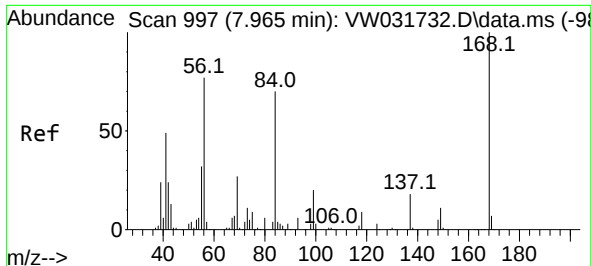
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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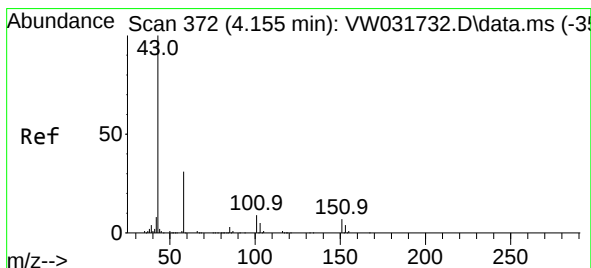
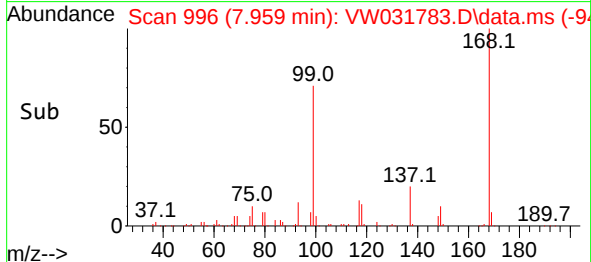
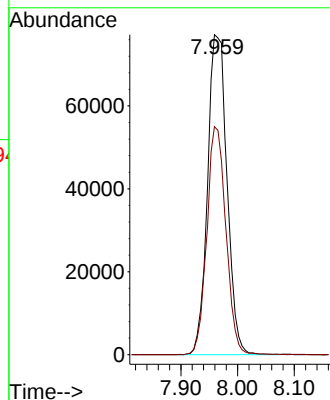
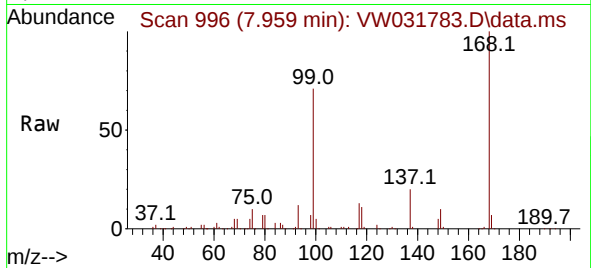




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

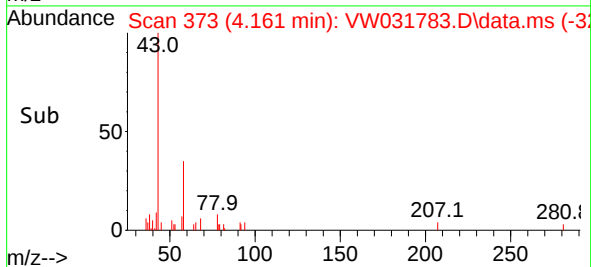
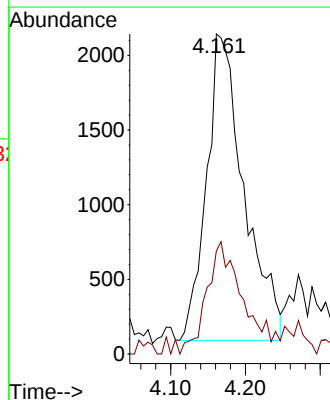
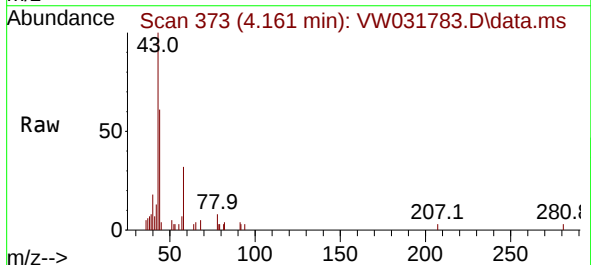
Instrument :
MSVOA_W
ClientSampleId :
TP-102

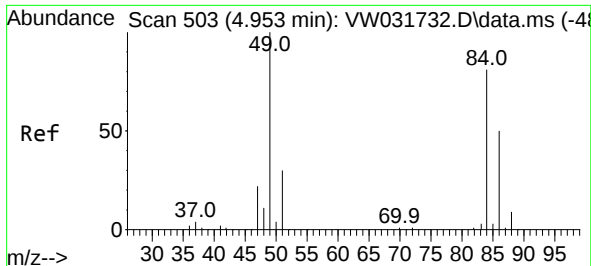
Tgt Ion:168 Resp: 183694
Ion Ratio Lower Upper
168 100
99 71.2 49.4 74.2



#16
Acetone
Concen: 10.984 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

Tgt Ion: 43 Resp: 7157
Ion Ratio Lower Upper
43 100
58 33.6 24.8 37.2

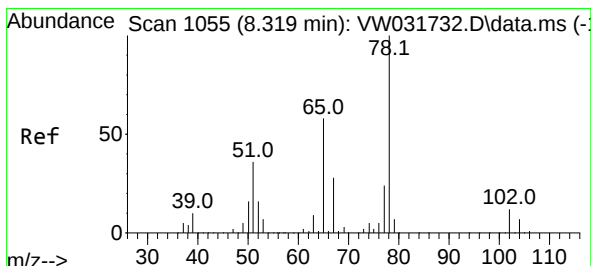
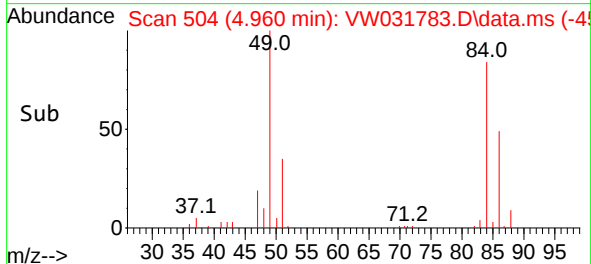
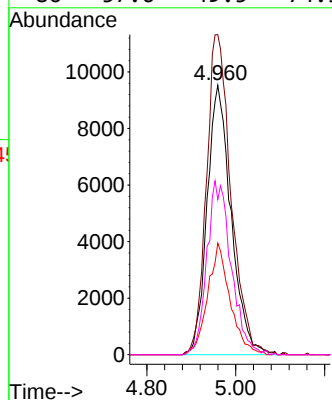
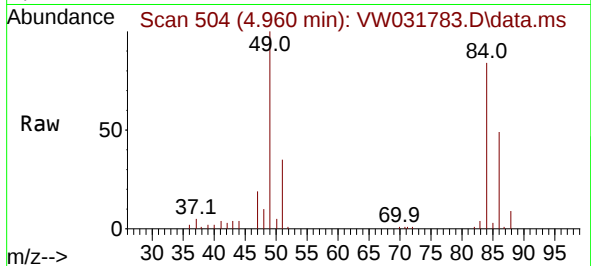




#20
Methylene Chloride
Concen: 10.076 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

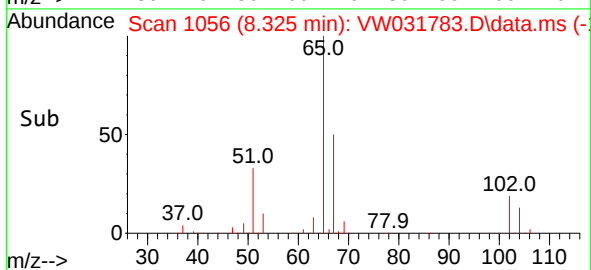
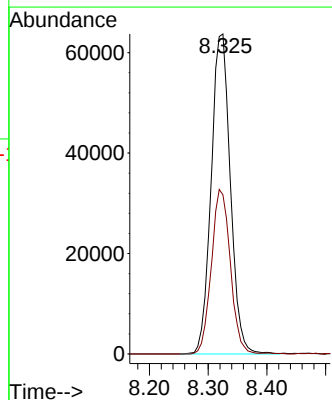
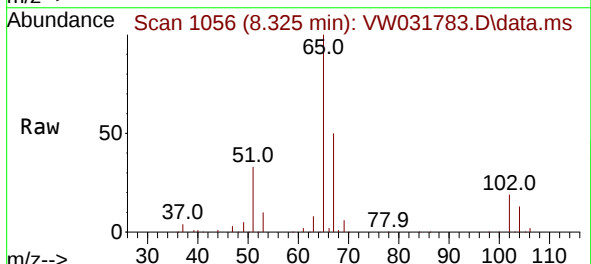
Instrument :
MSVOA_W
ClientSampleId :
TP-102

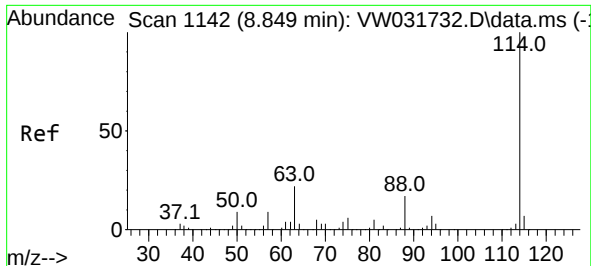
Tgt Ion: 84	Resp: 35768
Ion Ratio	Lower Upper
84 100	
49 118.8	98.2 147.4
51 41.4	29.8 44.8
86 57.6	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 54.882 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

Tgt Ion: 65	Resp: 144681
Ion Ratio	Lower Upper
65 100	
67 50.8	0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW031783.D

Acq: 09 Jul 2025 17:52

Instrument :

MSVOA_W

ClientSampleId :

TP-102

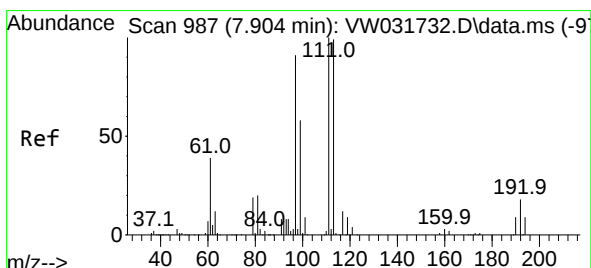
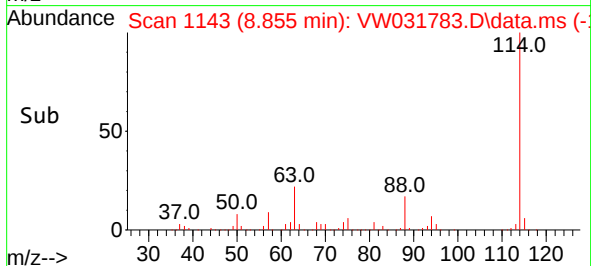
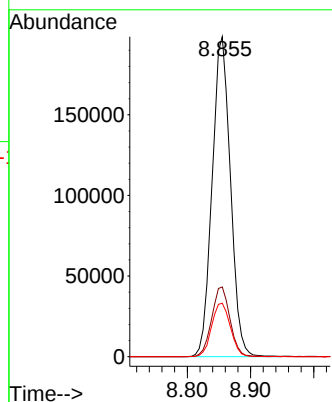
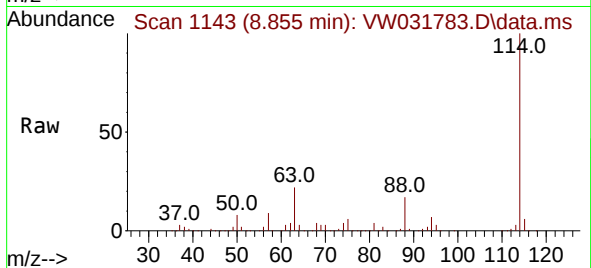
Tgt Ion:114 Resp: 398276

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

88 16.7 0.0 34.2



#35

Dibromofluoromethane

Concen: 46.491 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031783.D

Acq: 09 Jul 2025 17:52

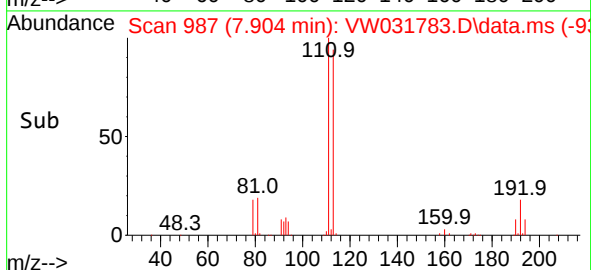
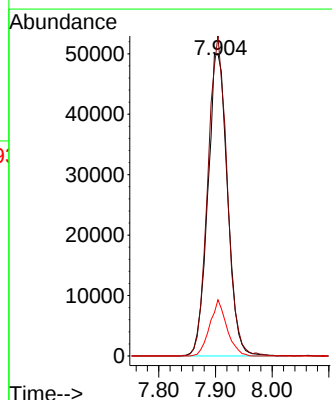
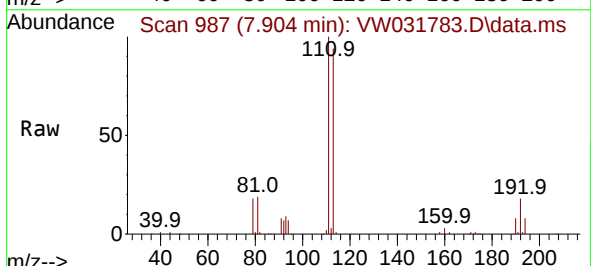
Tgt Ion:113 Resp: 120826

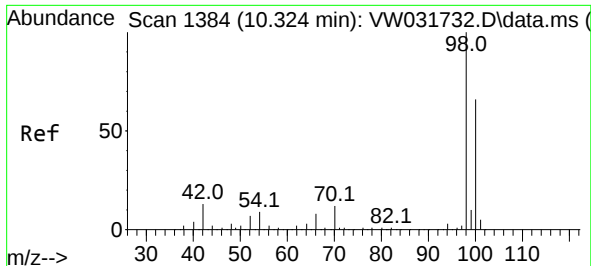
Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

192 16.1 13.8 20.6

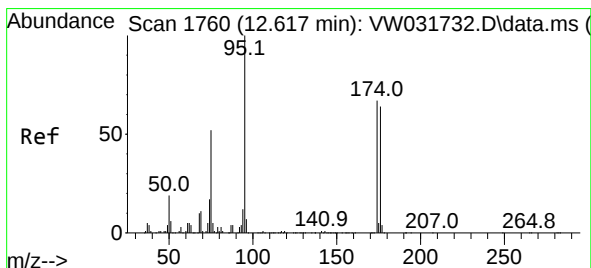
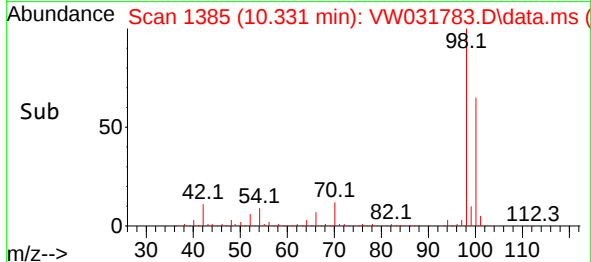
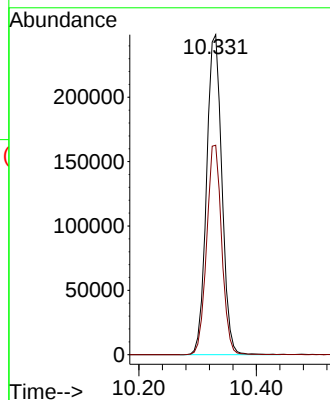
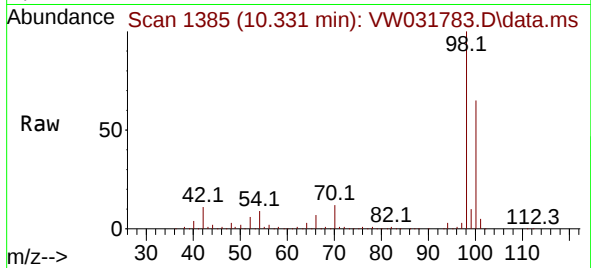




#50
Toluene-d8
Concen: 46.502 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

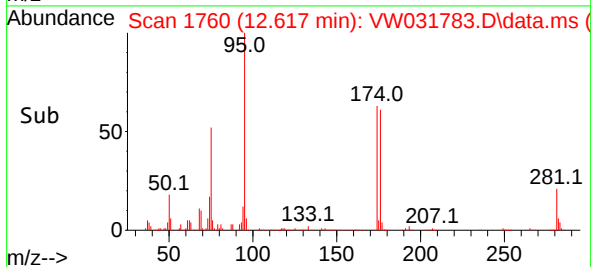
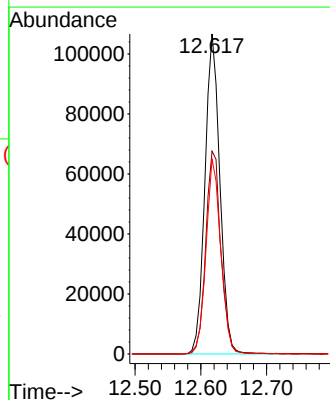
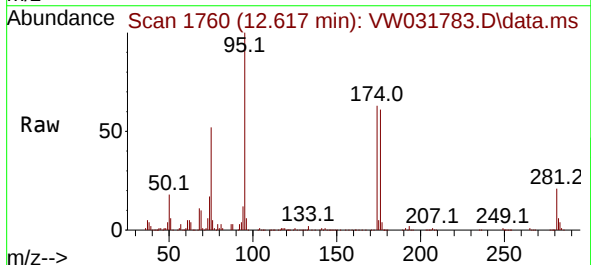
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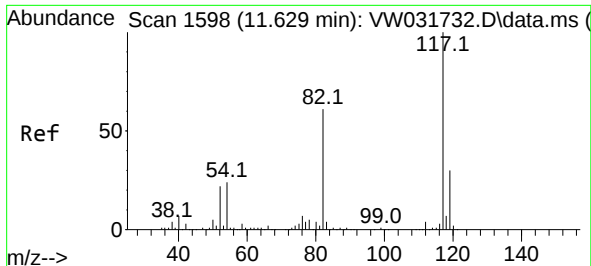
Tgt Ion: 98 Resp: 449750
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

Tgt Ion: 95 Resp: 168528
Ion Ratio Lower Upper
95 100
174 64.3 0.0 133.8
176 60.6 0.0 126.0

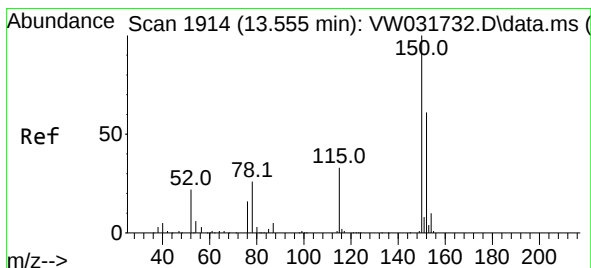
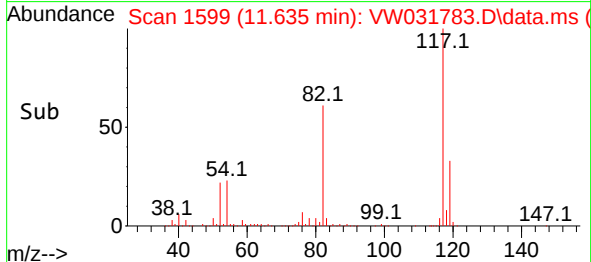
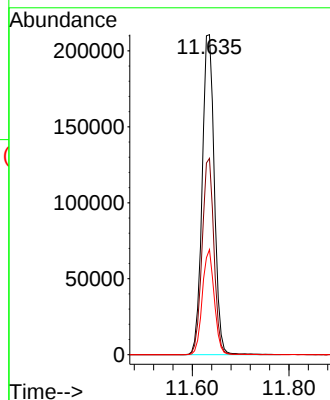
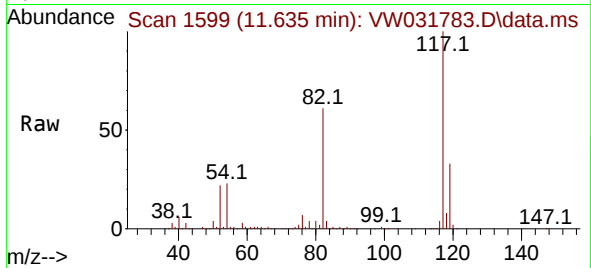




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

Instrument :
MSVOA_W
ClientSampleId :
TP-102

Tgt Ion:117 Resp: 366778
Ion Ratio Lower Upper
117 100
82 61.4 48.6 72.8
119 32.8 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031783.D
Acq: 09 Jul 2025 17:52

Tgt Ion:152 Resp: 174921
Ion Ratio Lower Upper
152 100
115 65.9 31.9 95.7
150 158.7 0.0 356.4

