

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031811.D
 Acq On : 10 Jul 2025 18:10
 Operator : SY/MD
 Sample : Q2543-03
 Misc : 6.54g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-23

Quant Time: Jul 11 02:25:14 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)

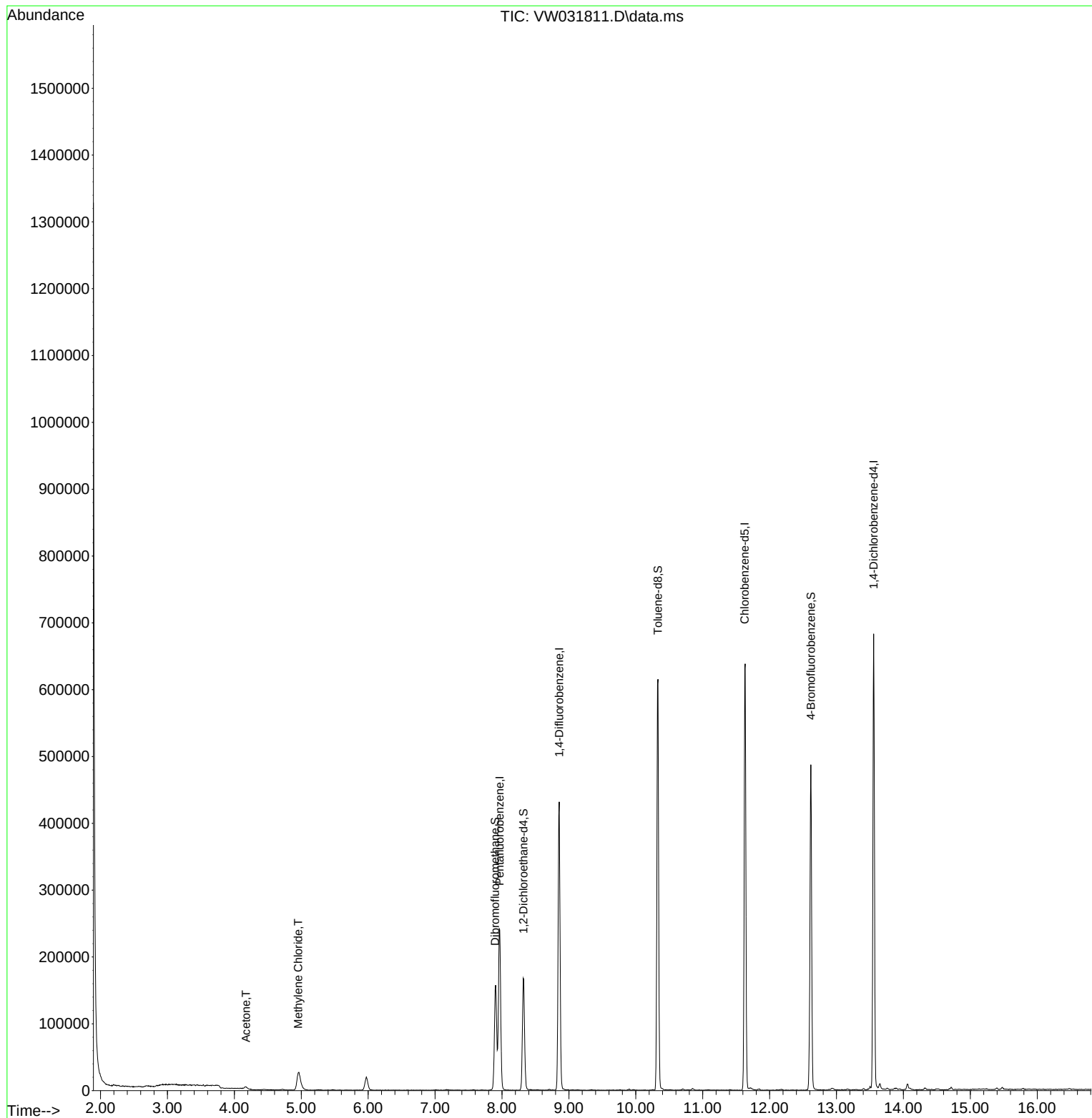
Internal Standards						
1) Pentafluorobenzene	7.965	168	167231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	355443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	140332	58.473	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	116.940%
35) Dibromofluoromethane	7.898	113	116915	50.407	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.820%
50) Toluene-d8	10.331	98	413106	47.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.617	95	165113	51.981	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.960%
Target Compounds						
						Qvalue
16) Acetone	4.173	43	4552	7.674	ug/l	# 88
20) Methylene Chloride	4.954	84	24692	6.507	ug/l	99

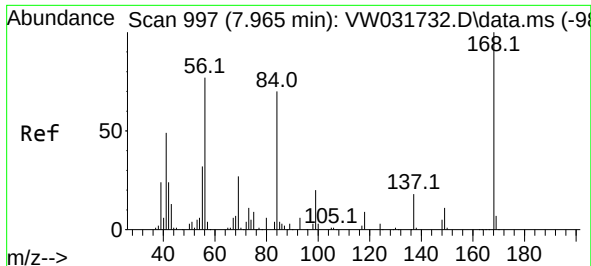
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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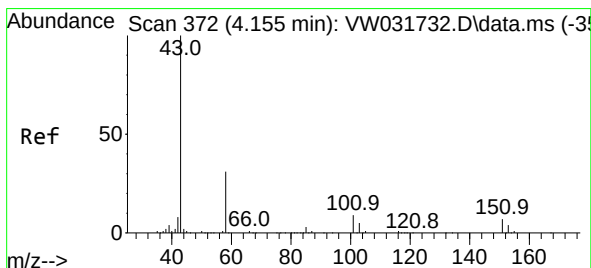
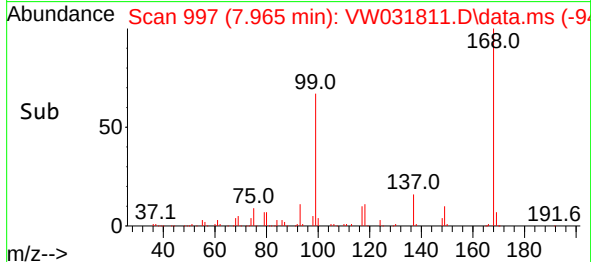
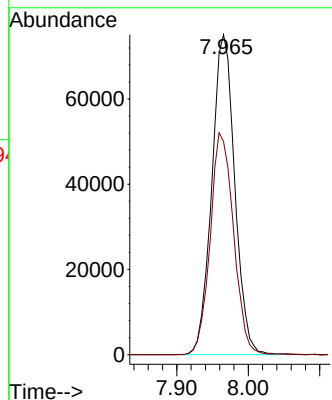
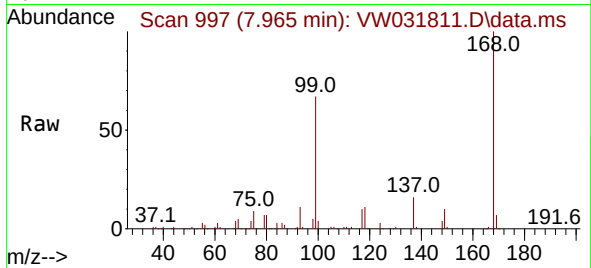




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

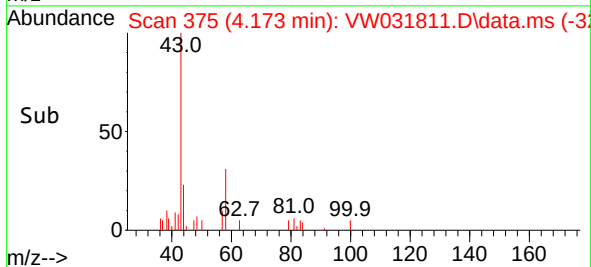
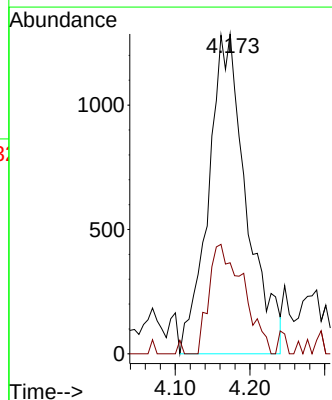
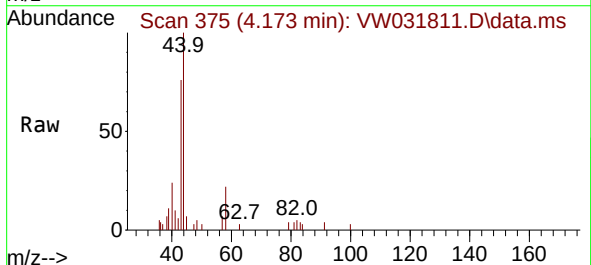
Instrument :
MSVOA_W
ClientSampleId :
TP-23

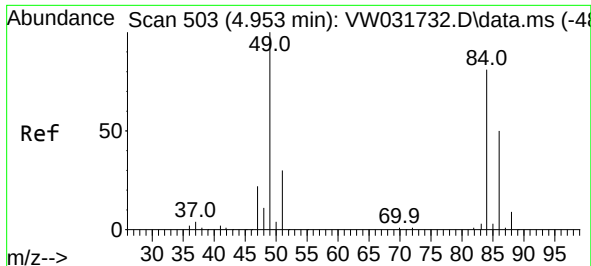
Tgt Ion:168 Resp: 167231
Ion Ratio Lower Upper
168 100
99 66.5 49.4 74.2



#16
Acetone
Concen: 7.674 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
58 24.3 24.8 37.2#

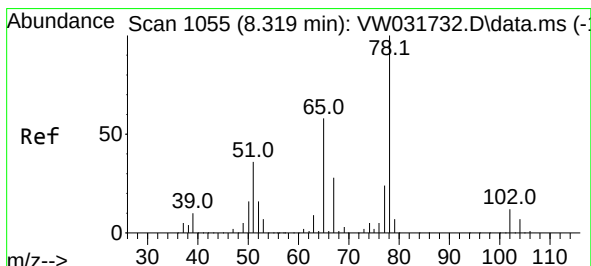
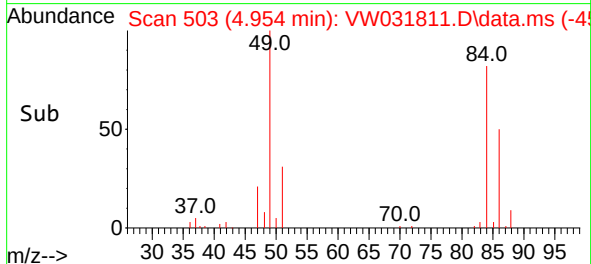
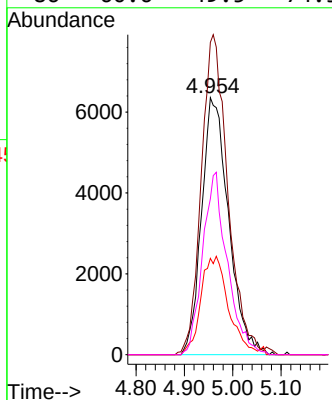
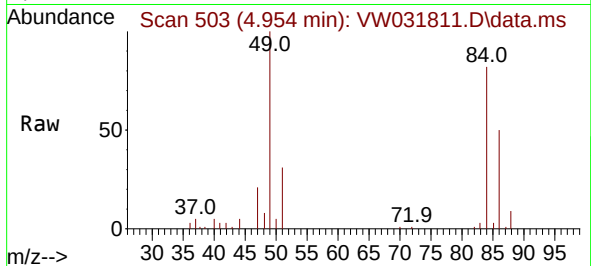




#20
Methylene Chloride
Concen: 6.507 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

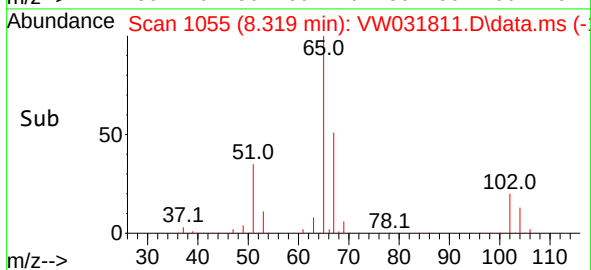
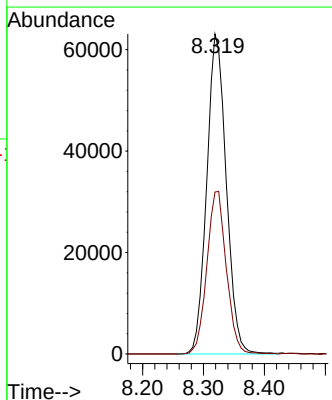
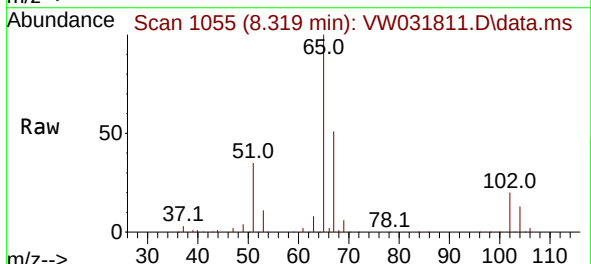
Instrument :
MSVOA_W
ClientSampleId :
TP-23

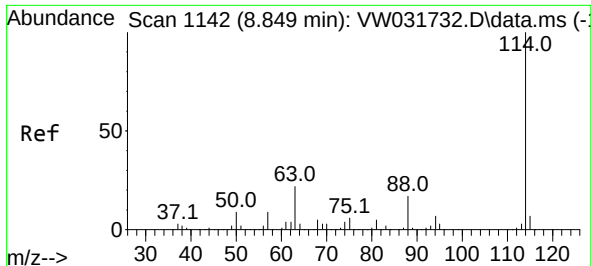
Tgt Ion:	84	Resp:	24692
Ion	Ratio	Lower	Upper
84	100		
49	121.5	98.2	147.4
51	37.5	29.8	44.8
86	60.6	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 58.473 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

Tgt Ion:	65	Resp:	140332
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4

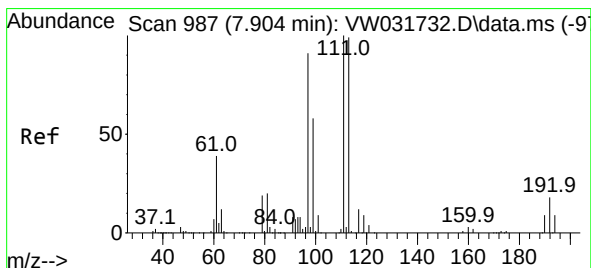
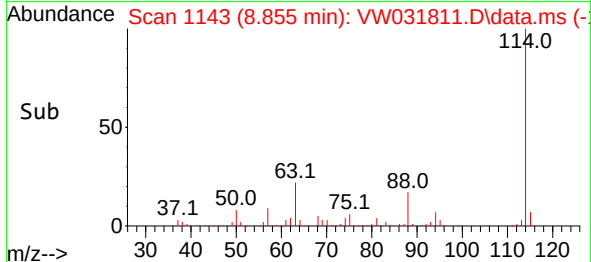
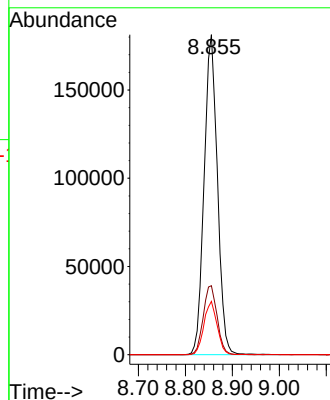
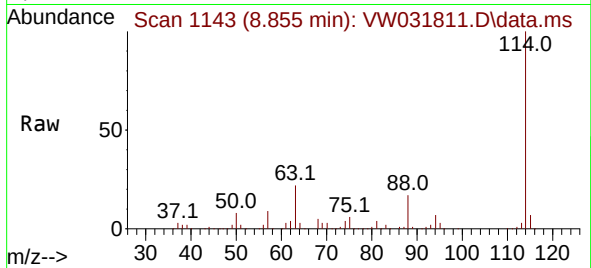




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

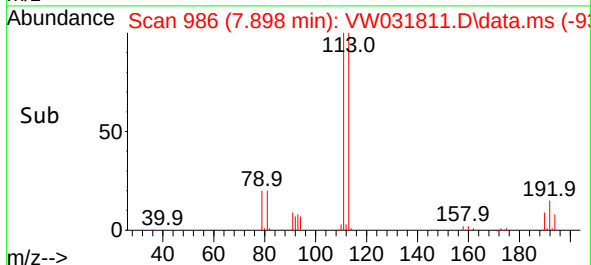
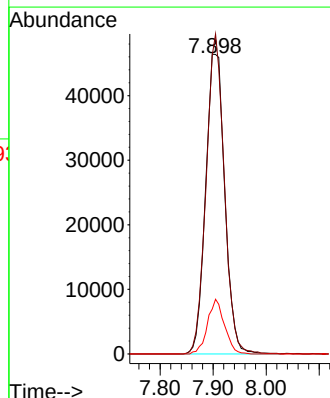
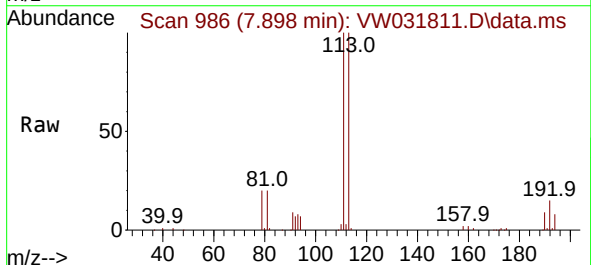
Instrument :
MSVOA_W
ClientSampleId :
TP-23

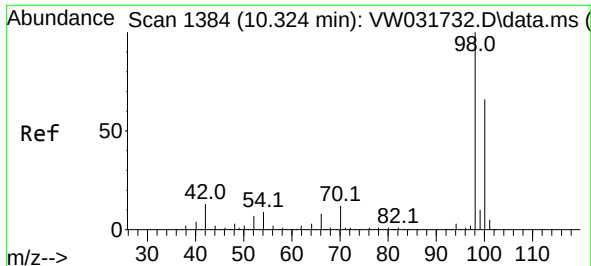
Tgt Ion:114 Resp: 355443
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.407 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

Tgt Ion:113 Resp: 116915
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 16.1 13.8 20.6

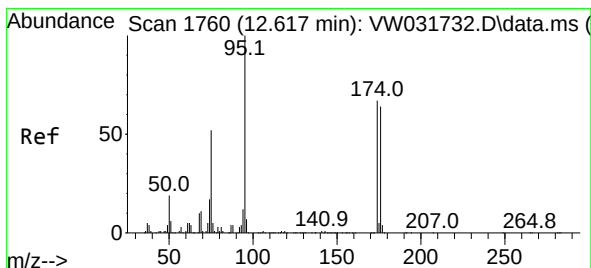
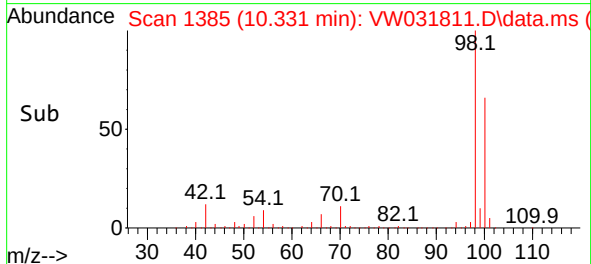
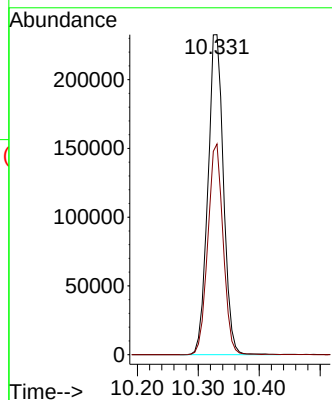
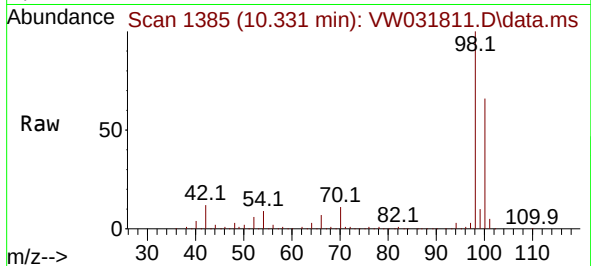




#50
Toluene-d8
Concen: 47.860 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

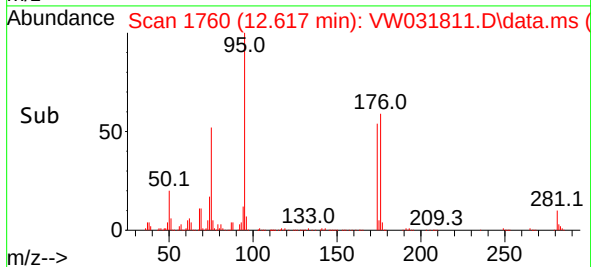
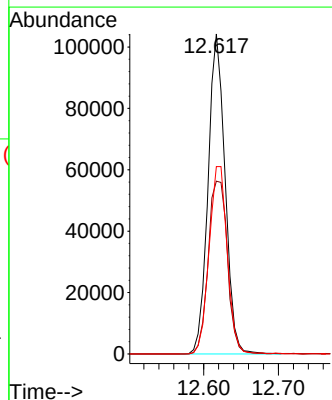
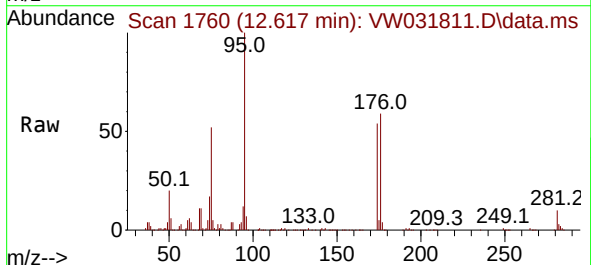
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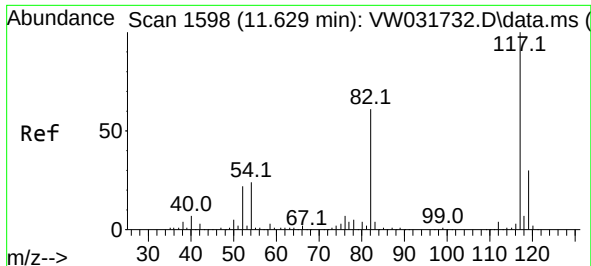
Tgt Ion: 98 Resp: 413106
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.981 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031811.D
Acq: 10 Jul 2025 18:10

Tgt Ion: 95 Resp: 165113
Ion Ratio Lower Upper
95 100
174 61.1 0.0 133.8
176 62.6 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031811.D

Acq: 10 Jul 2025 18:10

Instrument :

MSVOA_W

ClientSampleId :

TP-23

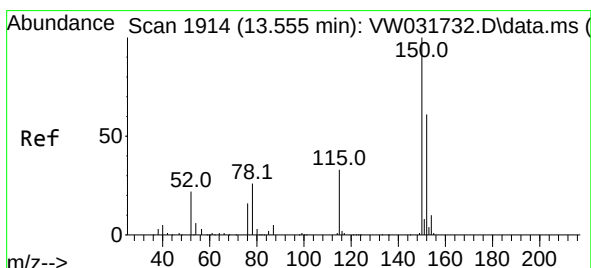
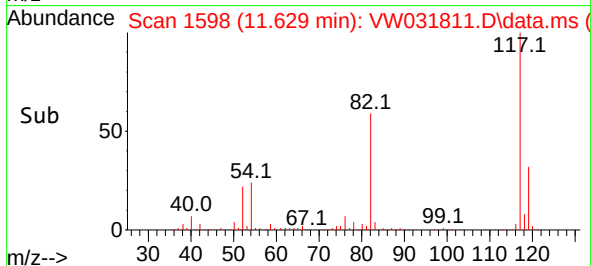
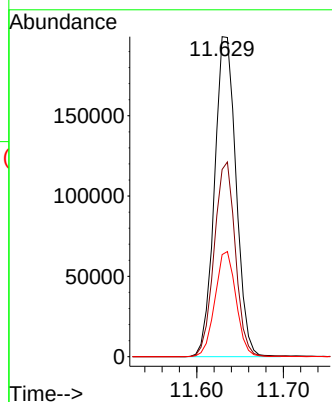
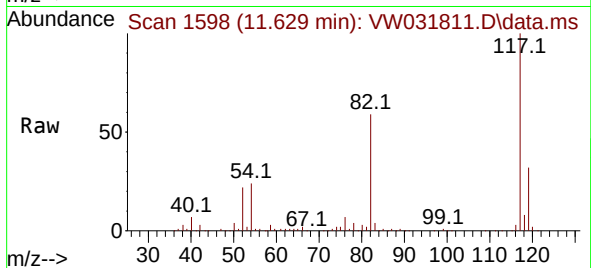
Tgt Ion:117 Resp: 345205

Ion Ratio Lower Upper

117 100

82 58.5 48.6 72.8

119 31.9 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: VW031811.D

Acq: 10 Jul 2025 18:10

Tgt Ion:152 Resp: 165908

Ion Ratio Lower Upper

152 100

115 65.1 31.9 95.7

150 162.0 0.0 356.4

