

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031772.D
 Acq On : 09 Jul 2025 13:51
 Operator : SY/MD
 Sample : Q2519-03
 Misc : 5.38g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15 VOC

Quant Time: Jul 10 01:25:22 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)

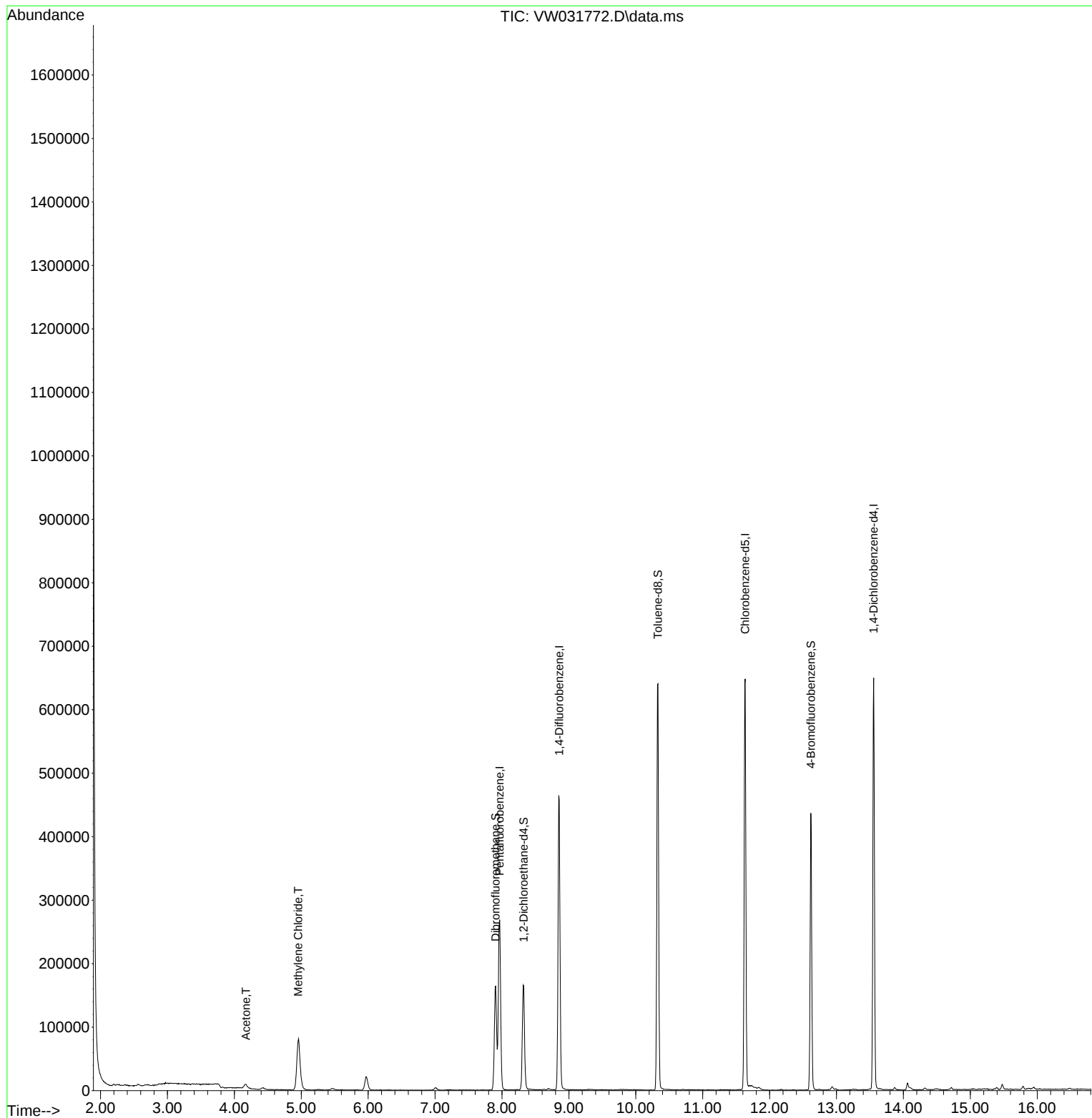
Internal Standards						
1) Pentafluorobenzene	7.965	168	194617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	393115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	364761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	141153	50.539	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.080%
35) Dibromofluoromethane	7.904	113	120072	46.807	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.620%
50) Toluene-d8	10.331	98	440417	46.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.617	95	153056	43.568	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	87.140%
Target Compounds						
						Qvalue
16) Acetone	4.173	43	12499	18.106	ug/l	# 85
20) Methylene Chloride	4.954	84	69882	22.666	ug/l	95

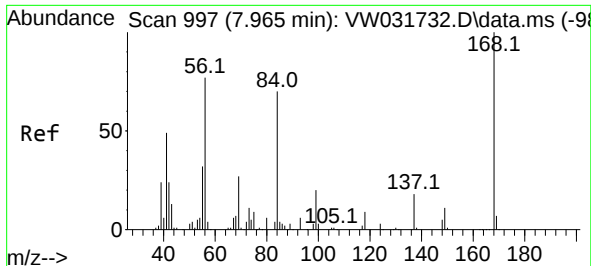
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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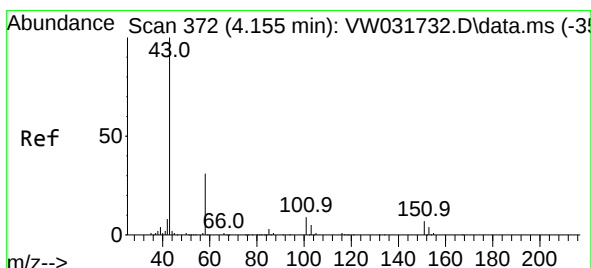
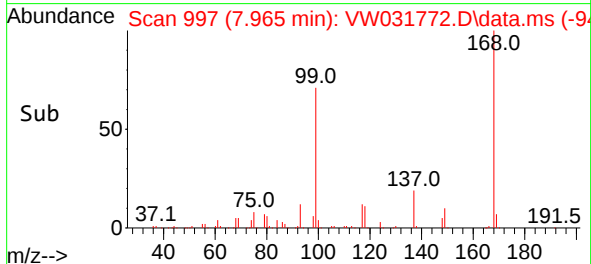
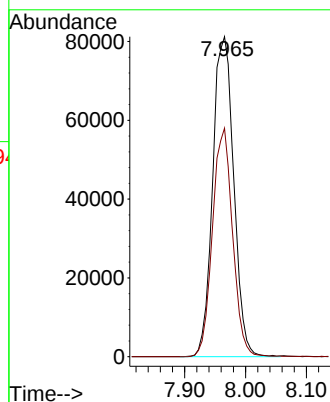
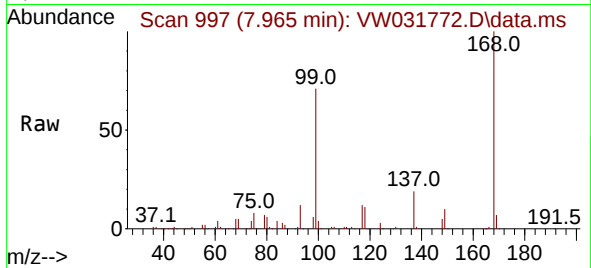




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

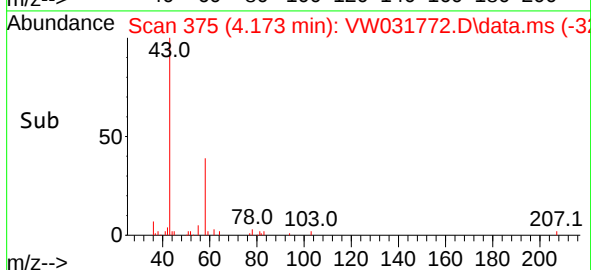
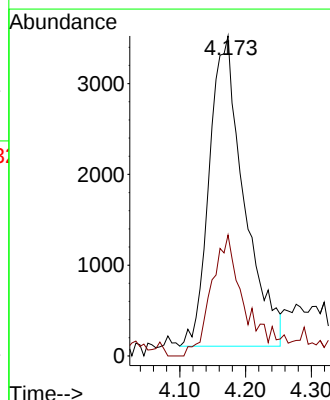
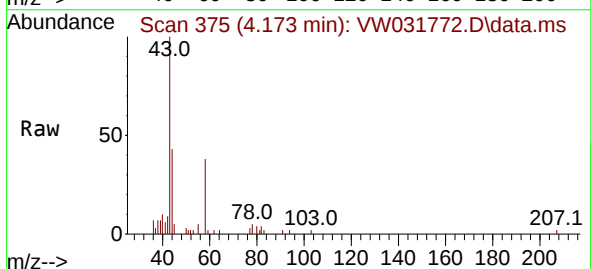
Instrument :
MSVOA_W
ClientSampleId :
TP-15 VOC

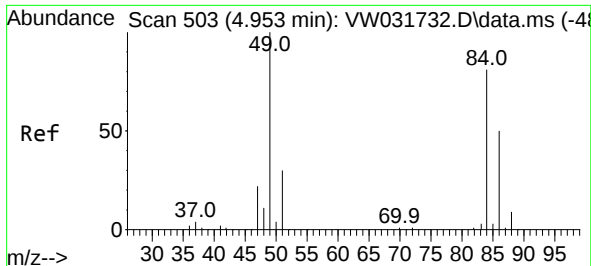
Tgt Ion:168 Resp: 194617
Ion Ratio Lower Upper
168 100
99 71.4 49.4 74.2



#16
Acetone
Concen: 18.106 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

Tgt Ion: 43 Resp: 12499
Ion Ratio Lower Upper
43 100
58 39.0 24.8 37.2#

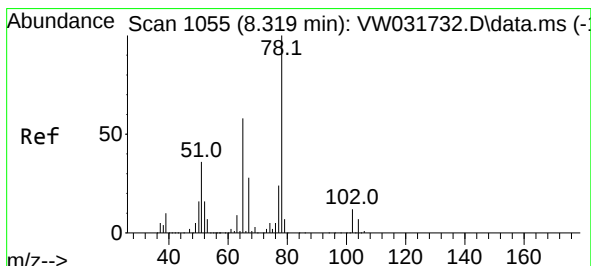
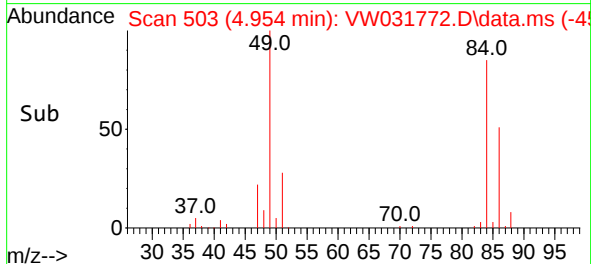
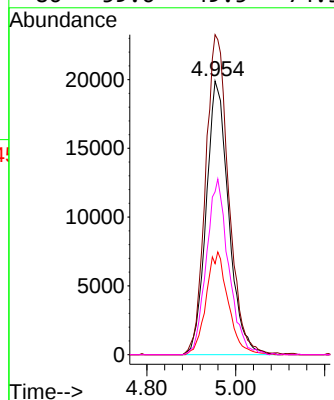
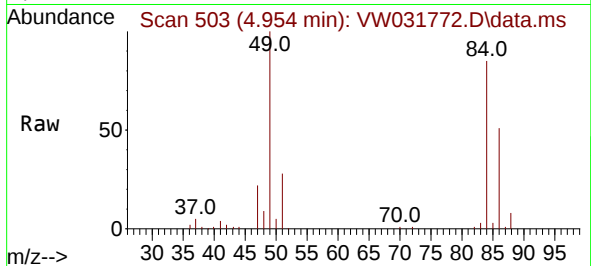




#20
Methylene Chloride
Concen: 22.666 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

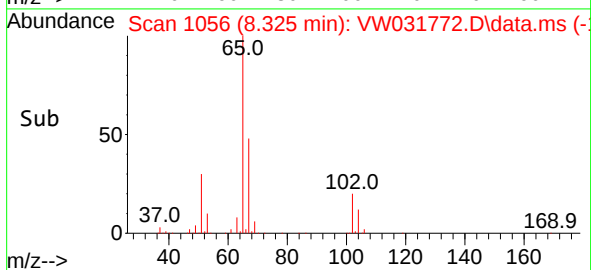
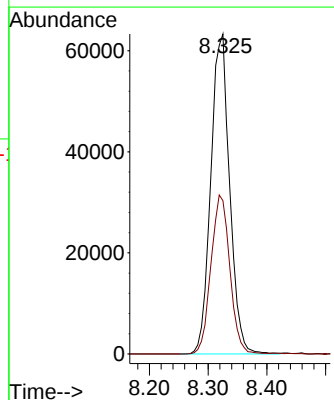
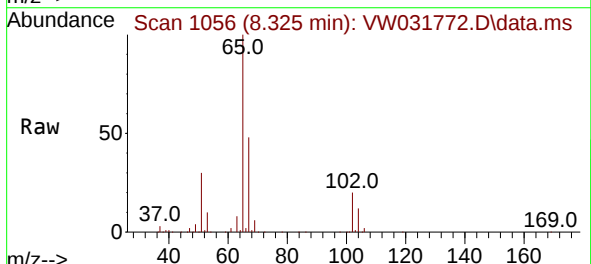
Instrument :
MSVOA_W
ClientSampleId :
TP-15 VOC

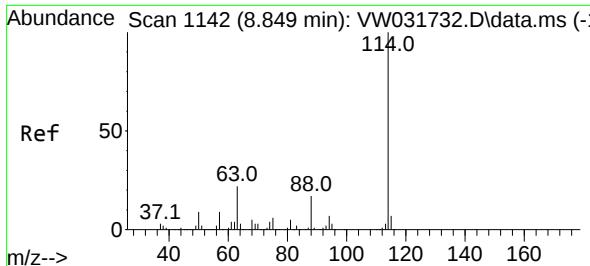
Tgt Ion:	84	Resp:	69882
Ion	Ratio	Lower	Upper
84	100		
49	117.0	98.2	147.4
51	33.3	29.8	44.8
86	59.6	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 50.539 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

Tgt Ion:	65	Resp:	141153
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.4

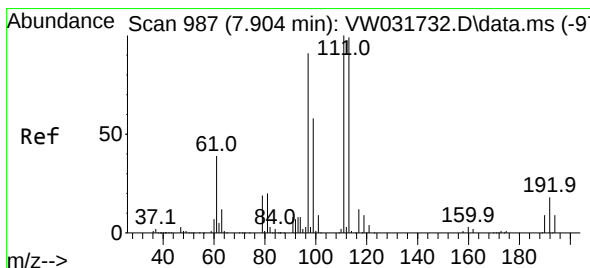
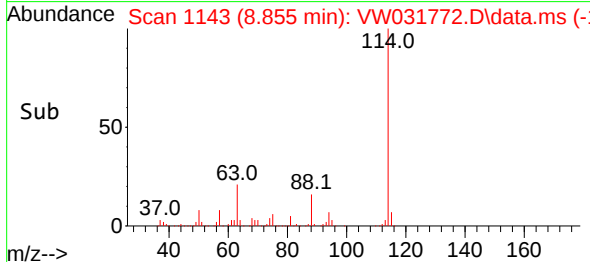
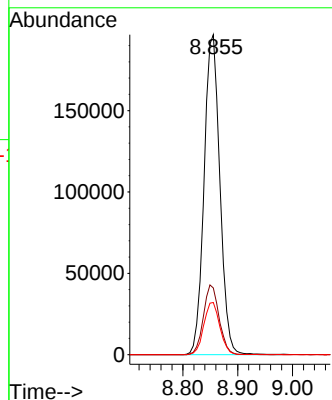
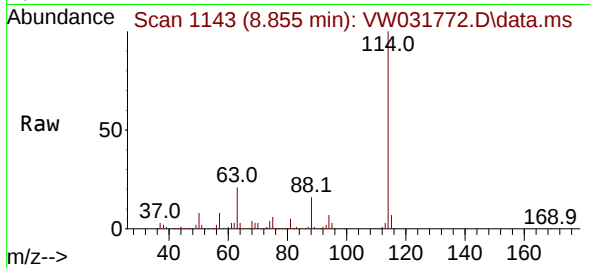




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

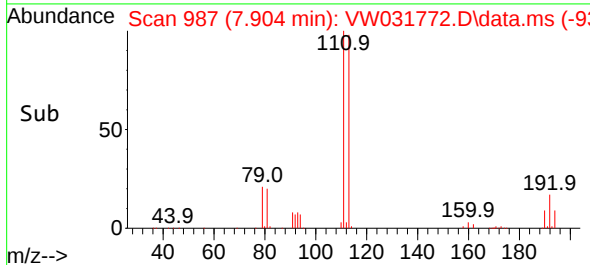
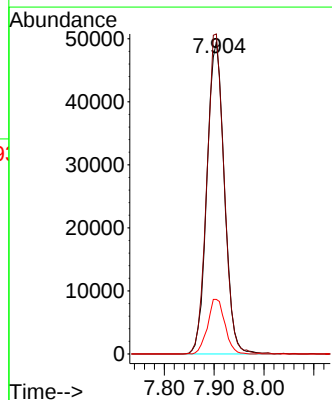
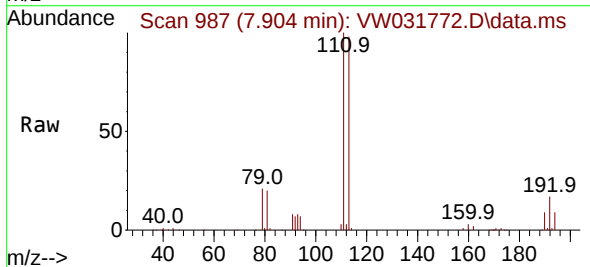
Instrument :
MSVOA_W
ClientSampleId :
TP-15 VOC

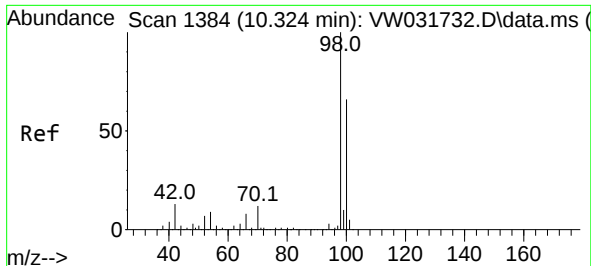
Tgt Ion:114 Resp: 393115
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.807 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

Tgt Ion:113 Resp: 120072
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 17.4 13.8 20.6

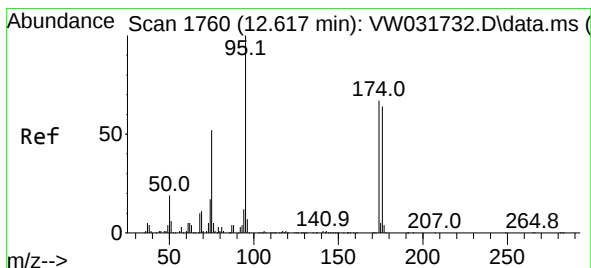
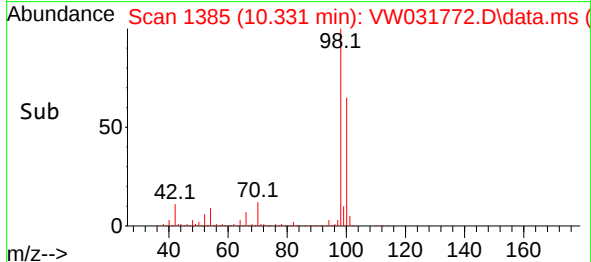
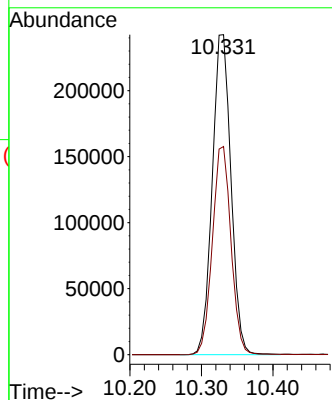
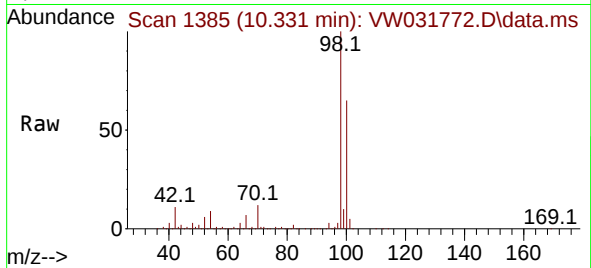




#50
Toluene-d8
Concen: 46.135 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

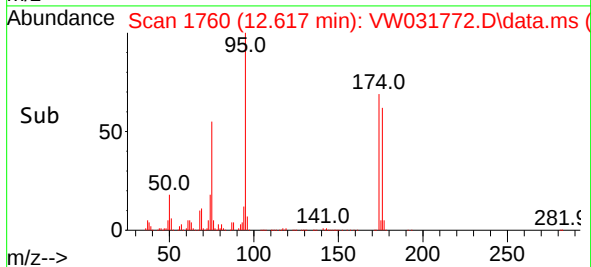
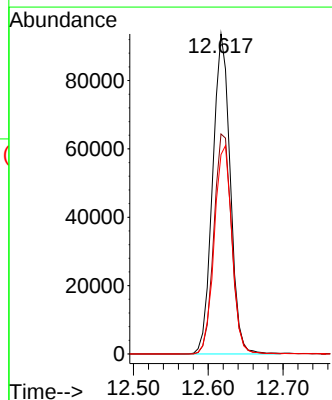
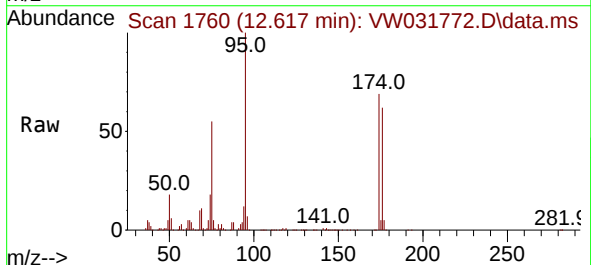
Instrument :
MSVOA_W
ClientSampleId :
TP-15 VOC

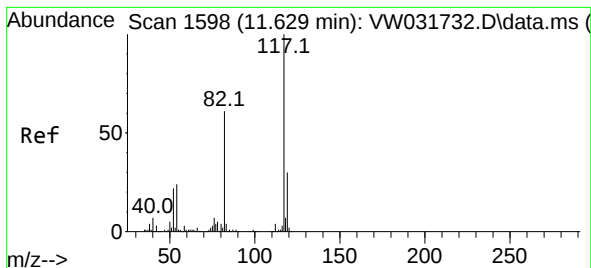
Tgt Ion: 98 Resp: 440417
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.568 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031772.D
Acq: 09 Jul 2025 13:51

Tgt Ion: 95 Resp: 153056
Ion Ratio Lower Upper
95 100
174 69.4 0.0 133.8
176 65.8 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VW031772.D

Acq: 09 Jul 2025 13:51

Instrument :

MSVOA_W

ClientSampleId :

TP-15 VOC

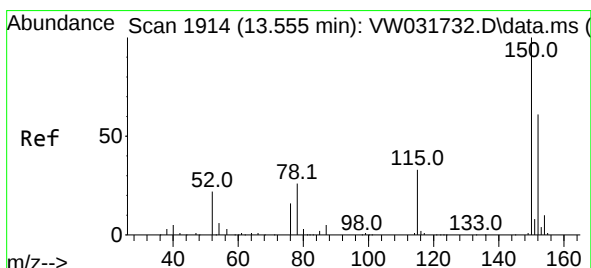
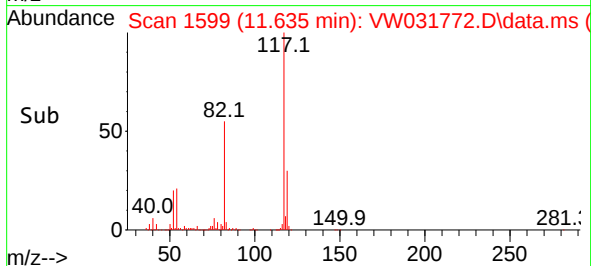
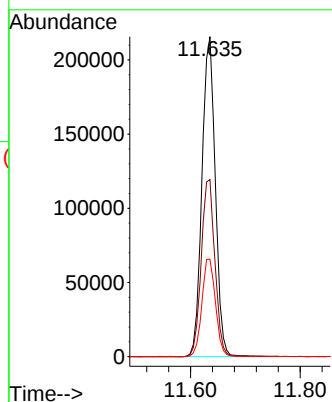
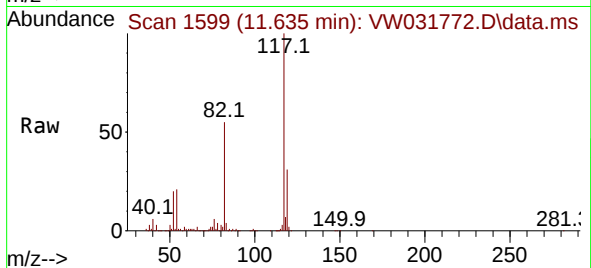
Tgt Ion:117 Resp: 364761

Ion Ratio Lower Upper

117 100

82 55.4 48.6 72.8

119 30.5 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: VW031772.D

Acq: 09 Jul 2025 13:51

Tgt Ion:152 Resp: 168862

Ion Ratio Lower Upper

152 100

115 62.0 31.9 95.7

150 152.6 0.0 356.4

