

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032334.D
 Acq On : 02 Oct 2025 15:47
 Operator : SY/MD
 Sample : Q3269-01
 Misc : 5.15g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EG1-TP1

Quant Time: Oct 02 22:11:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

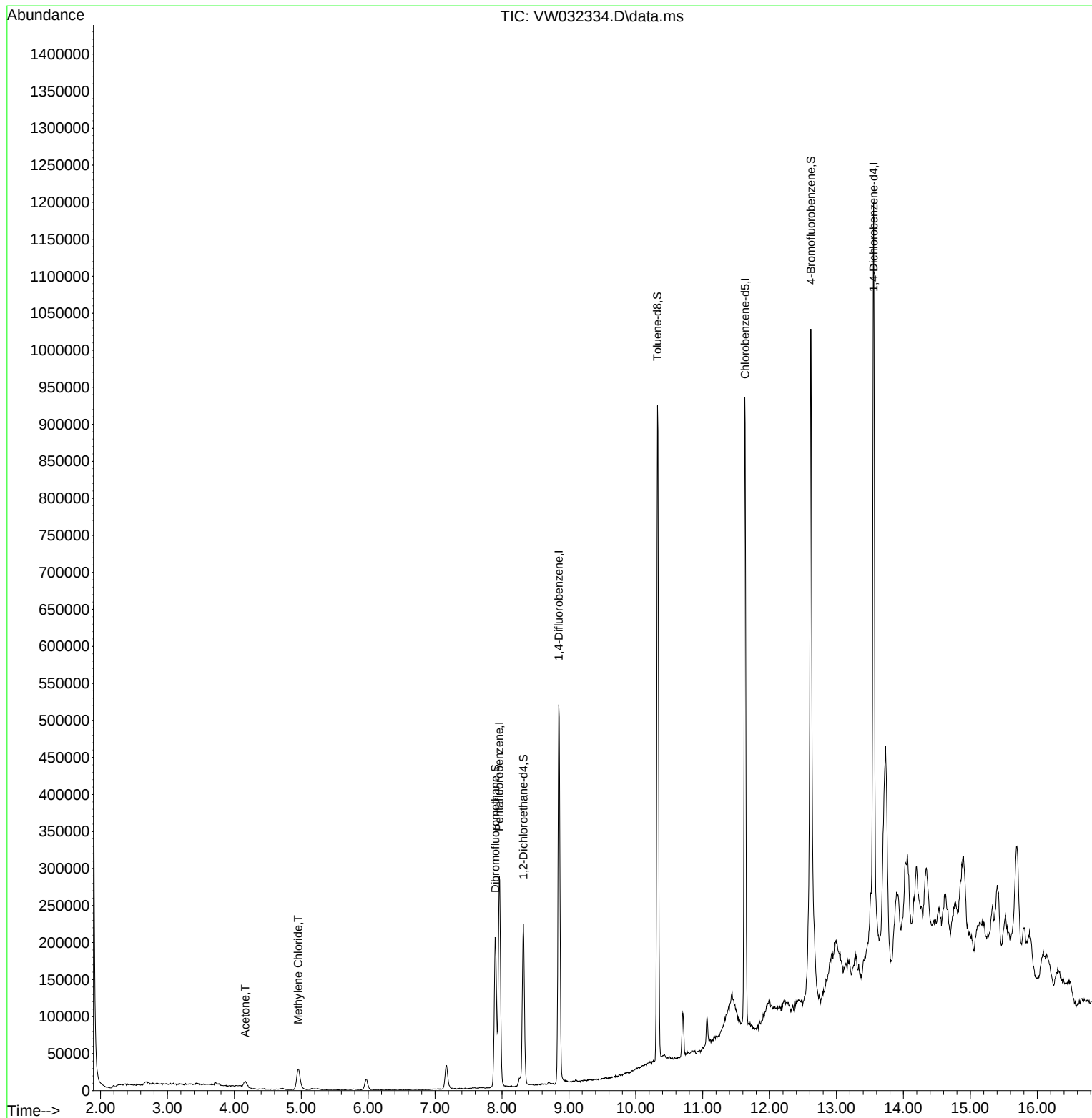
Internal Standards						
1) Pentafluorobenzene	7.959	168	196311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	439699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	464985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	239640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	180296	62.968	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 125.940%		
35) Dibromofluoromethane	7.898	113	152254	53.469	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.940%		
50) Toluene-d8	10.325	98	587936	55.943	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 111.880%		
62) 4-Bromofluorobenzene	12.617	95	291214	73.311	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 146.620%#		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	10766	13.579	ug/l	95
20) Methylene Chloride	4.954	84	24872	4.625	ug/l	93

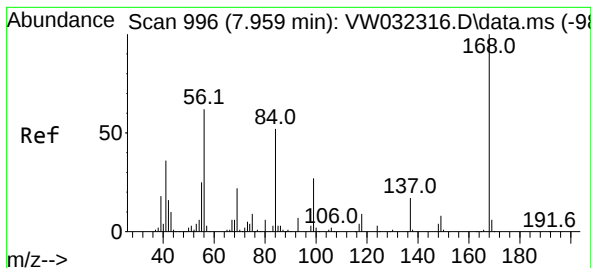
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW032334.D

Acq: 02 Oct 2025 15:47

Instrument :

MSVOA_W

ClientSampleId :

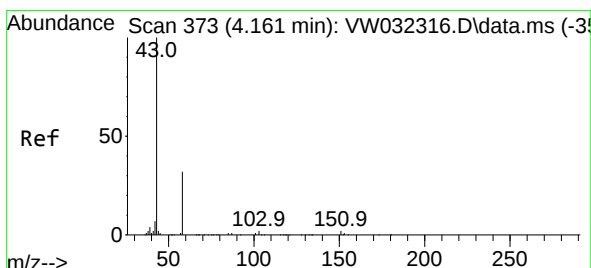
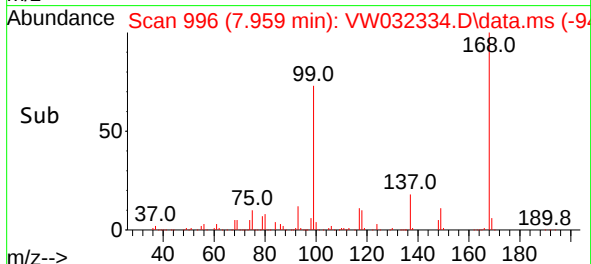
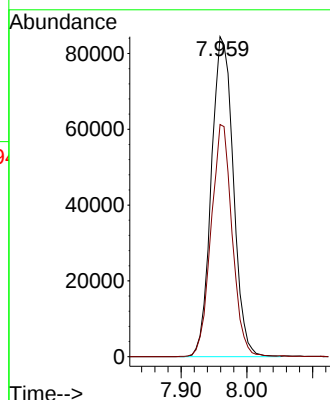
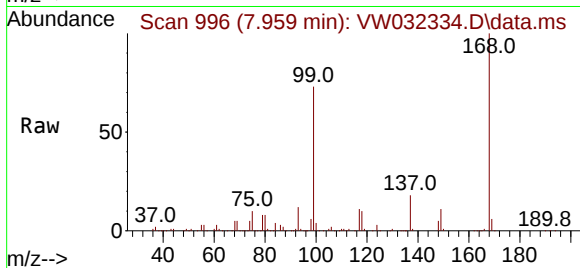
EG1-TP1

Tgt Ion:168 Resp: 196311

Ion Ratio Lower Upper

168 100

99 72.5 49.3 73.9



#16

Acetone

Concen: 13.579 ug/l

RT: 4.161 min Scan# 373

Delta R.T. -0.000 min

Lab File: VW032334.D

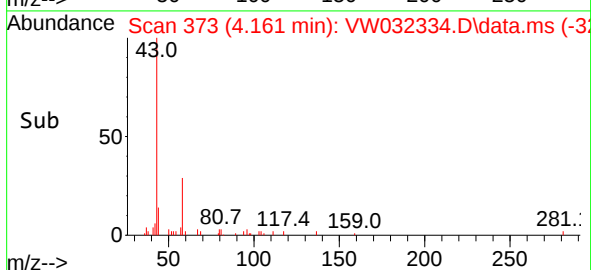
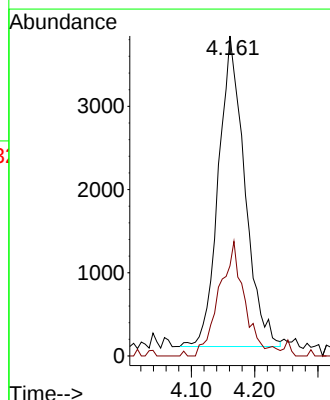
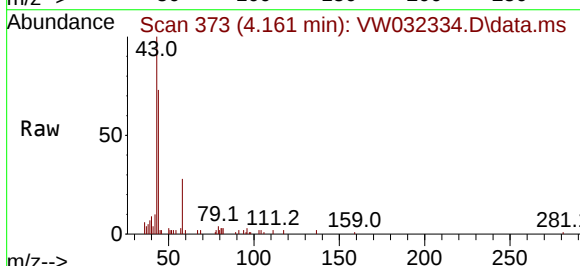
Acq: 02 Oct 2025 15:47

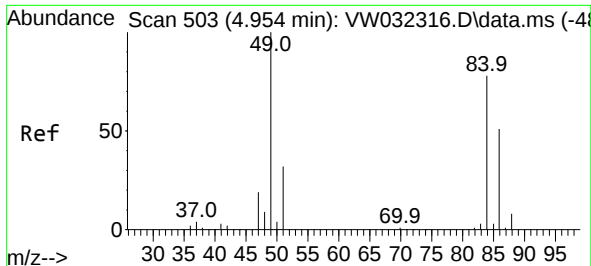
Tgt Ion: 43 Resp: 10766

Ion Ratio Lower Upper

43 100

58 29.0 25.3 37.9

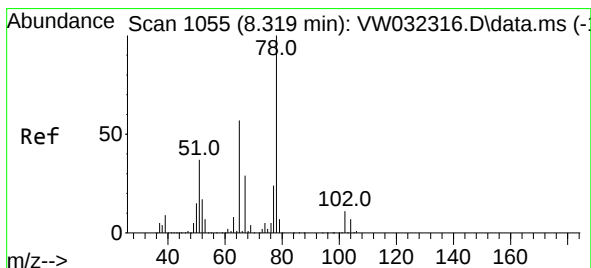
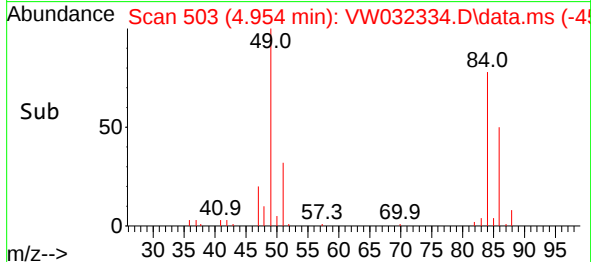
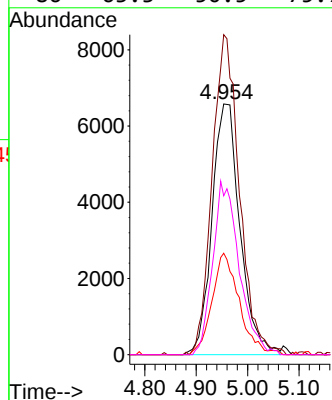
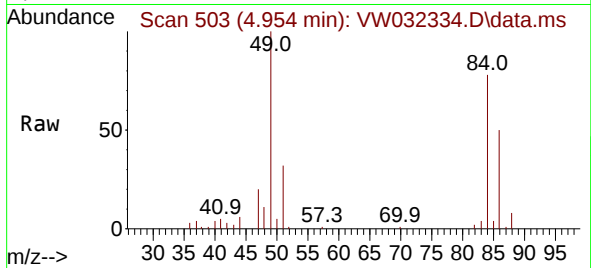




#20
Methylene Chloride
Concen: 4.625 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

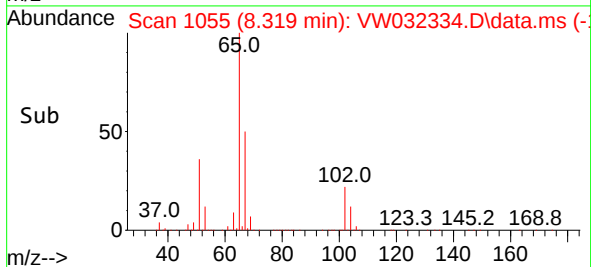
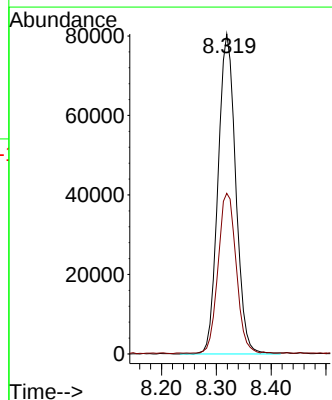
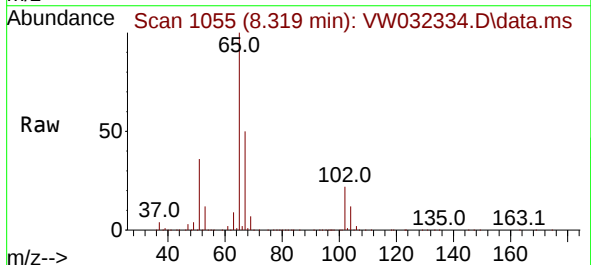
Instrument :
MSVOA_W
ClientSampleId :
EG1-TP1

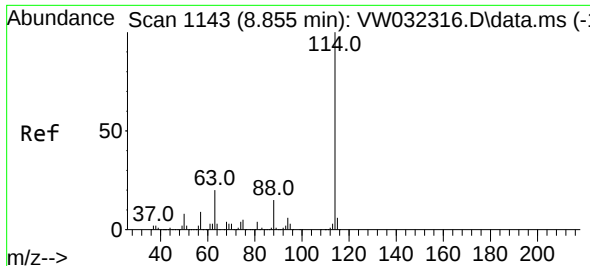
Tgt Ion:	84	Resp:	24872
Ion	Ratio	Lower	Upper
84	100		
49	127.6	92.2	138.4
51	40.5	31.0	46.6
86	63.3	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 62.968 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

Tgt Ion:	65	Resp:	180296
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.6

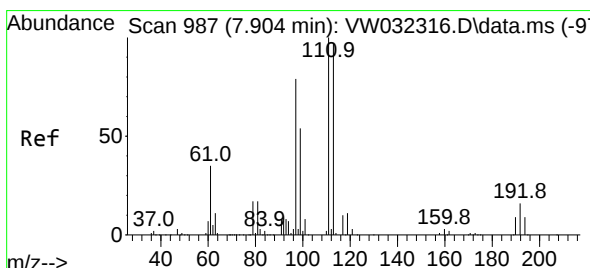
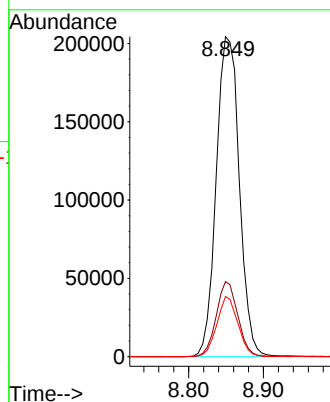
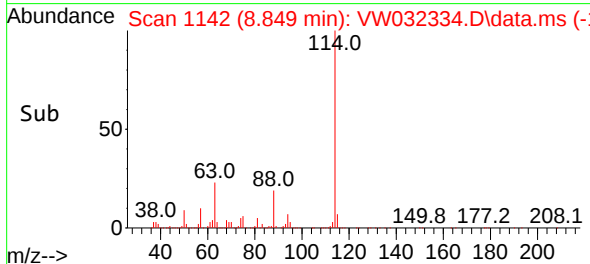
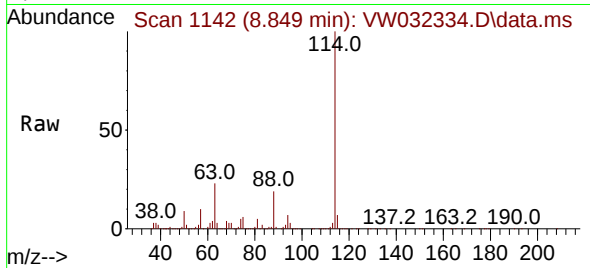




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

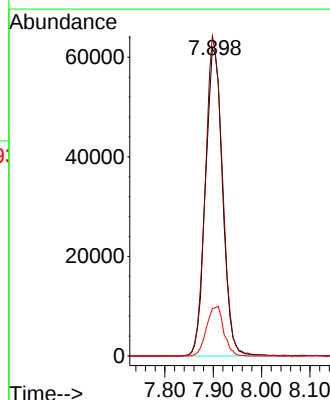
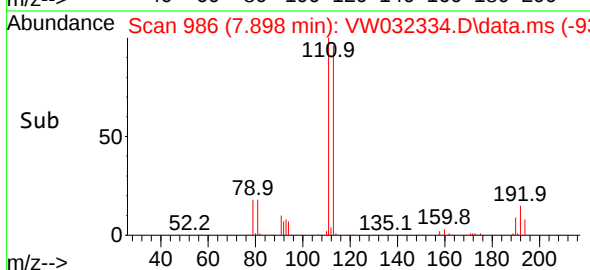
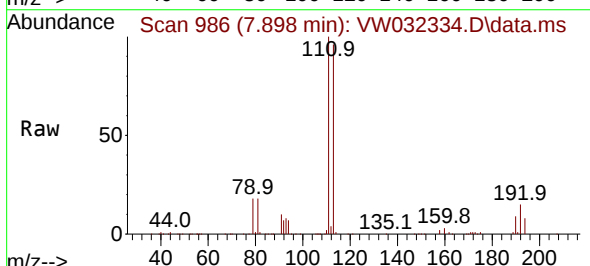
Instrument :
MSVOA_W
ClientSampleId :
EG1-TP1

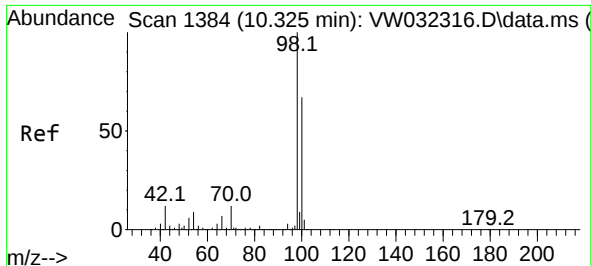
Tgt Ion:114 Resp: 439699
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.4
88 18.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 53.469 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

Tgt Ion:113 Resp: 152254
Ion Ratio Lower Upper
113 100
111 104.0 83.9 125.9
192 16.2 14.6 21.8

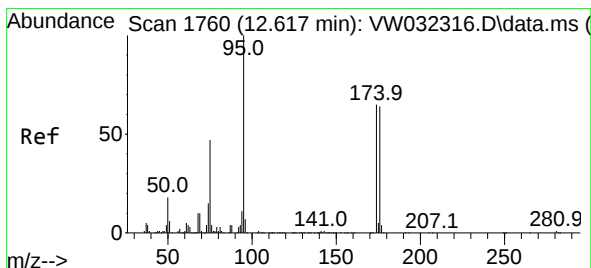
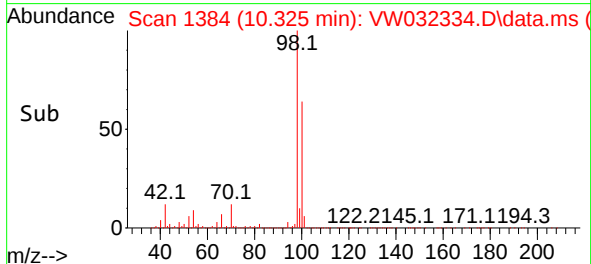
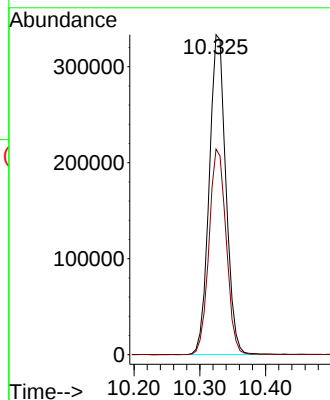
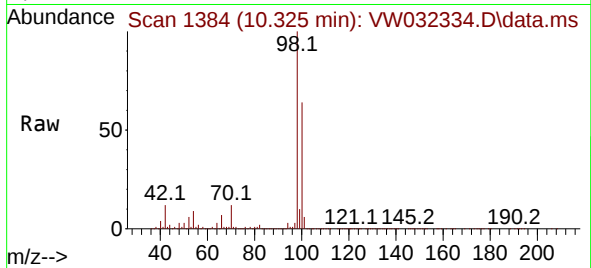




#50
Toluene-d8
Concen: 55.943 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

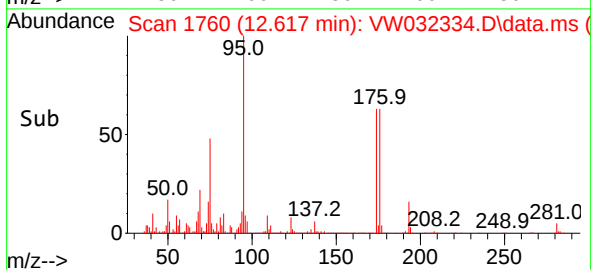
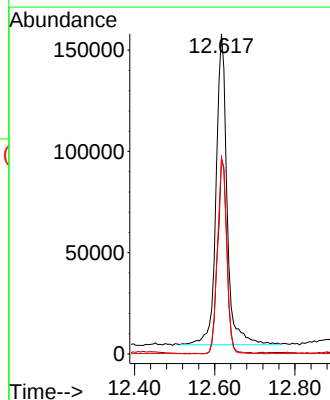
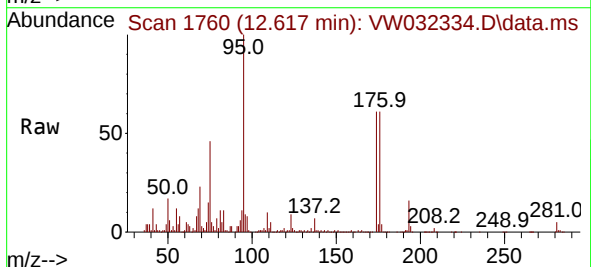
Instrument :
MSVOA_W
ClientSampleId :
EG1-TP1

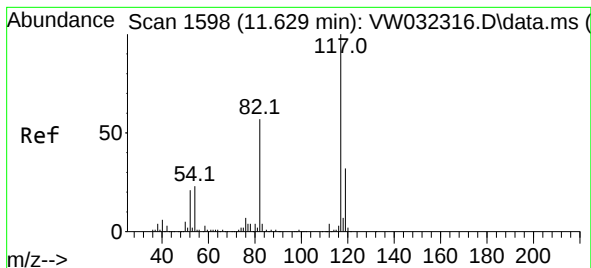
Tgt Ion: 98 Resp: 587936
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 73.311 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032334.D
Acq: 02 Oct 2025 15:47

Tgt Ion: 95 Resp: 291214
Ion Ratio Lower Upper
95 100
174 52.6 0.0 145.6
176 53.3 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032334.D

Acq: 02 Oct 2025 15:47

Instrument :

MSVOA_W

ClientSampleId :

EG1-TP1

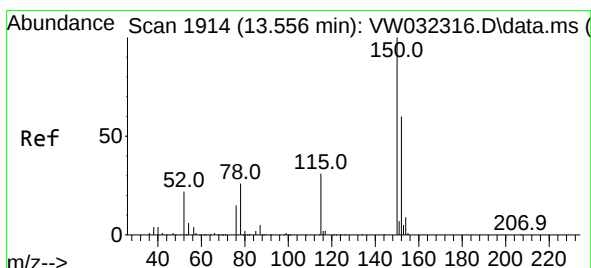
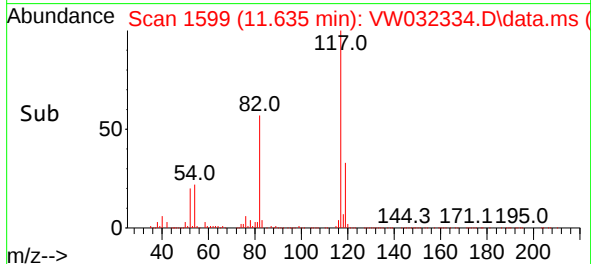
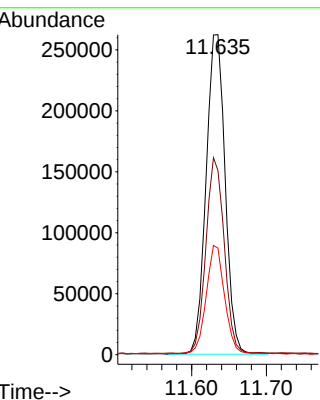
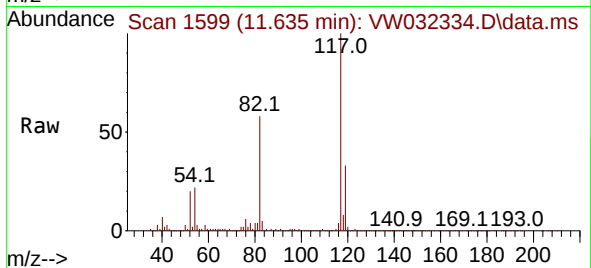
Tgt Ion:117 Resp: 464985

Ion Ratio Lower Upper

117 100

82 57.2 42.7 64.1

119 33.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032334.D

Acq: 02 Oct 2025 15:47

Tgt Ion:152 Resp: 239640

Ion Ratio Lower Upper

152 100

115 64.0 31.8 95.4

150 154.3 0.0 343.0

