

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032335.D
 Acq On : 02 Oct 2025 16:09
 Operator : SY/MD
 Sample : Q3269-04
 Misc : 4.55g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EG1-TP2

Quant Time: Oct 02 22:12:04 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)

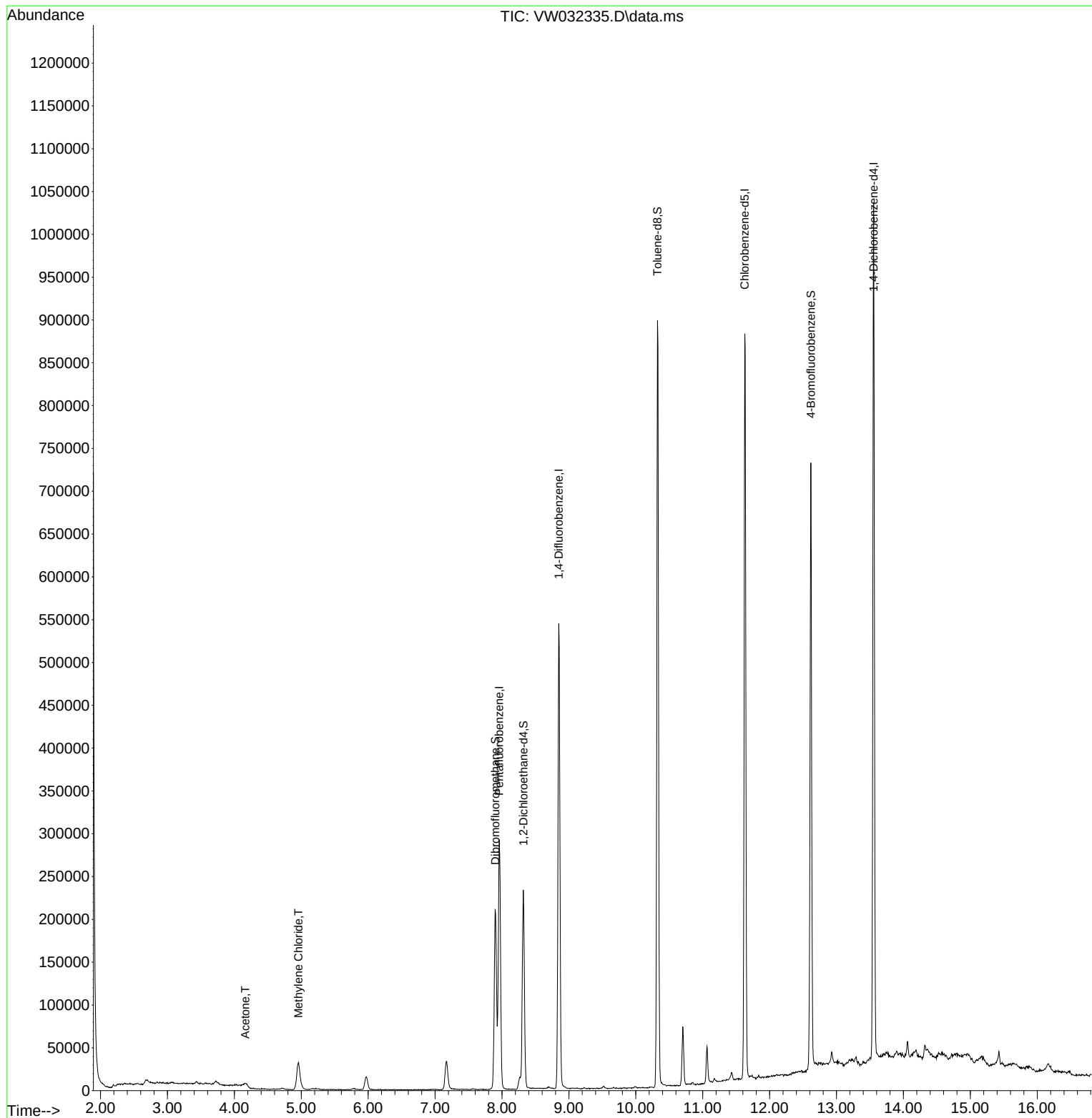
Internal Standards						
1) Pentafluorobenzene	7.959	168	204171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	459361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	484820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	247966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	191464	64.294	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 128.580%	
35) Dibromofluoromethane	7.898	113	157074	52.800	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 105.600%	
50) Toluene-d8	10.325	98	594074	54.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.617	95	244496	58.916	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 117.840%	
Target Compounds						
						Qvalue
16) Acetone	4.161	43	4311	5.228	ug/l	98
20) Methylene Chloride	4.960	84	26196	4.760	ug/l	90

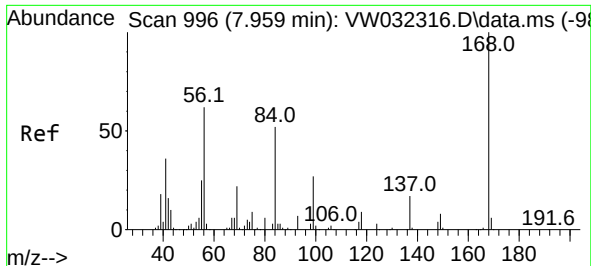
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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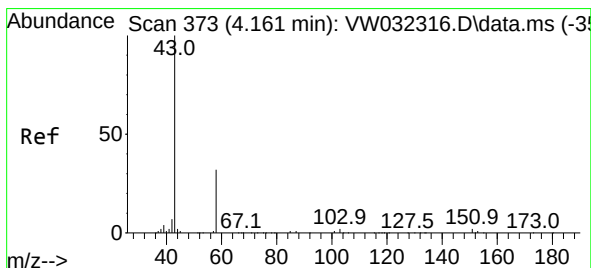
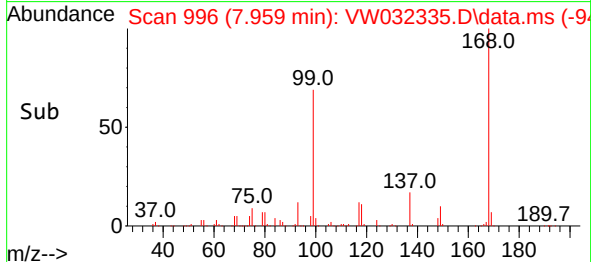
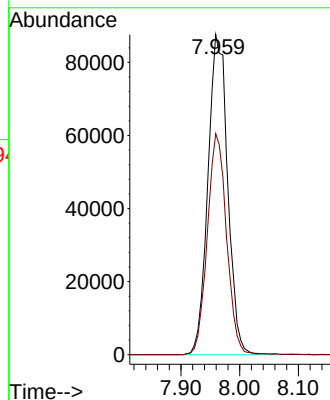
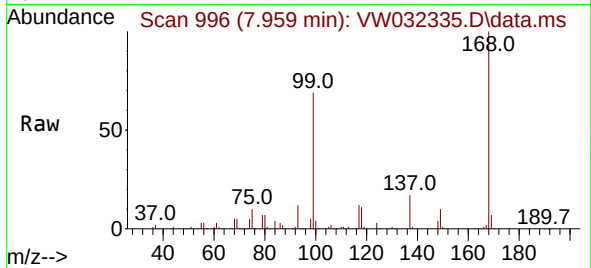




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

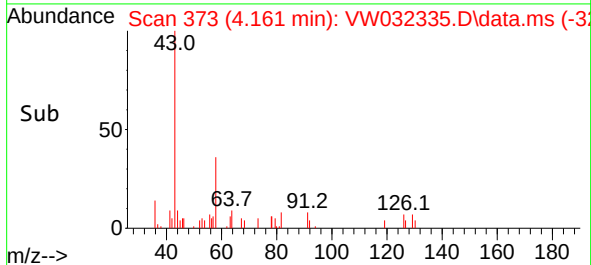
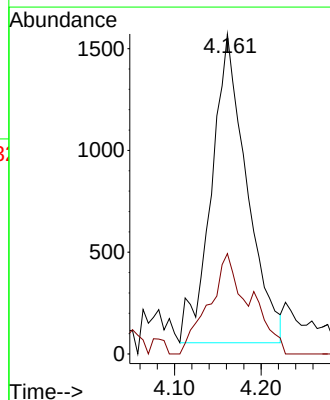
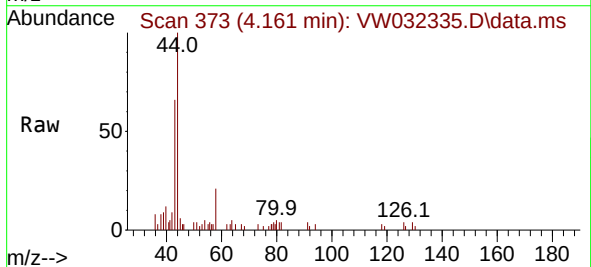
Instrument :
MSVOA_W
ClientSampleId :
EG1-TP2

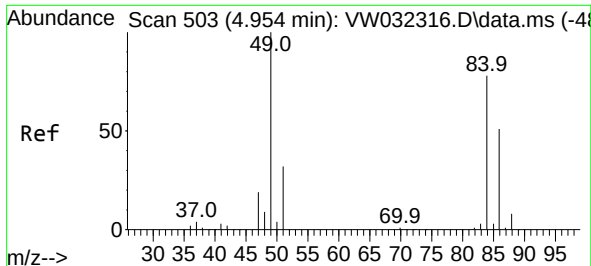
Tgt Ion:168 Resp: 204171
Ion Ratio Lower Upper
168 100
99 69.1 49.3 73.9



#16
Acetone
Concen: 5.228 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
58 32.5 25.3 37.9

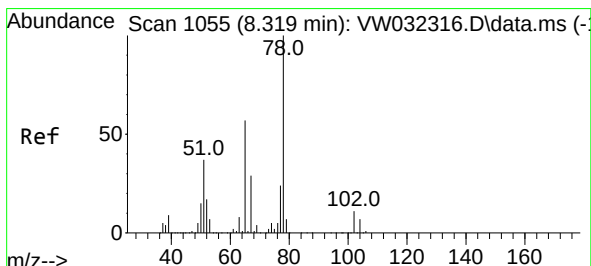
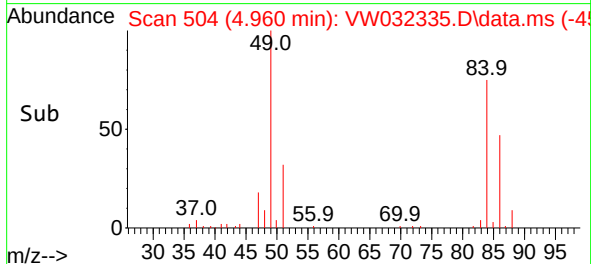
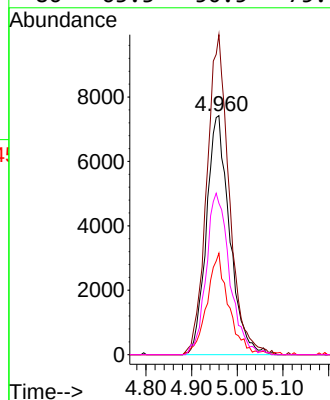
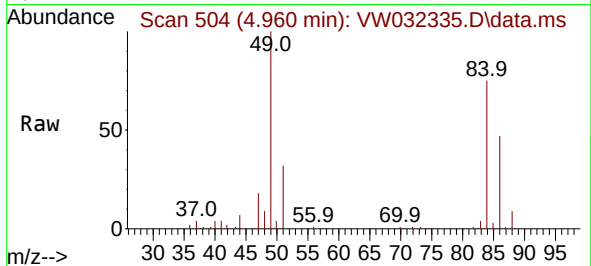




#20
Methylene Chloride
Concen: 4.760 ug/l
RT: 4.960 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

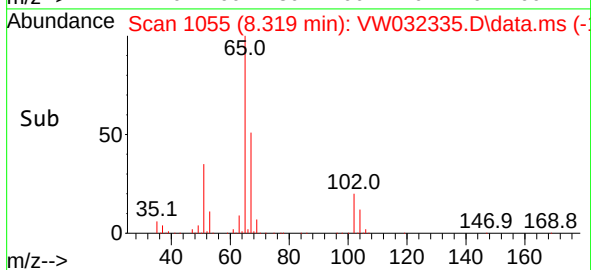
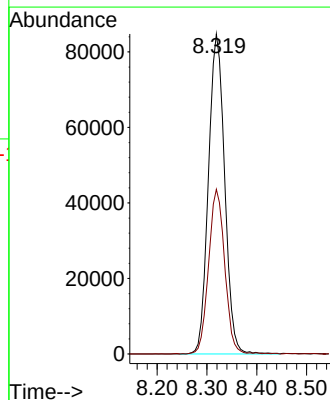
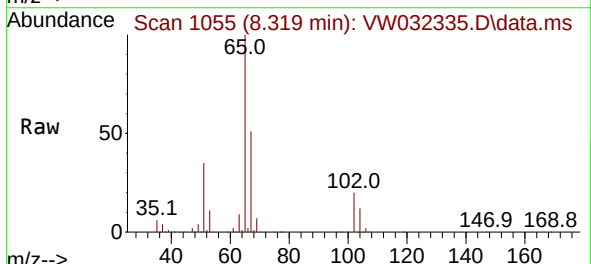
Instrument :
MSVOA_W
ClientSampleId :
EG1-TP2

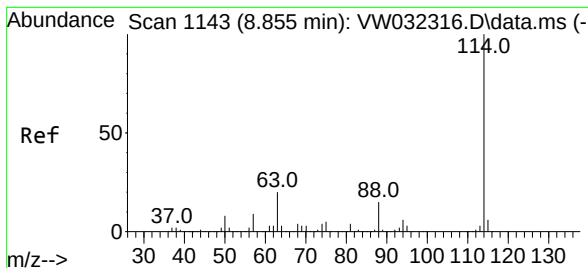
Tgt Ion:	84	Resp:	26196
Ion	Ratio	Lower	Upper
84	100		
49	133.8	92.2	138.4
51	42.4	31.0	46.6
86	63.3	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 64.294 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

Tgt Ion:	65	Resp:	191464
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VW032335.D

Acq: 02 Oct 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

EG1-TP2

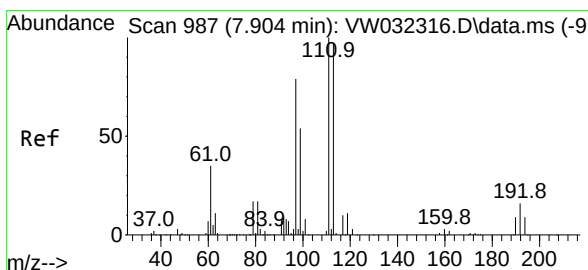
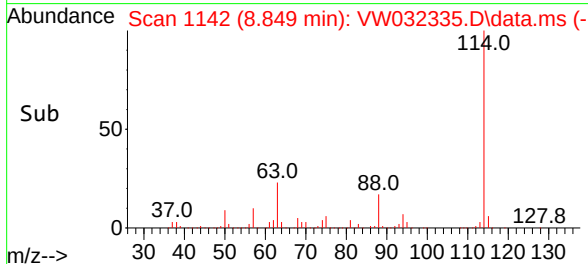
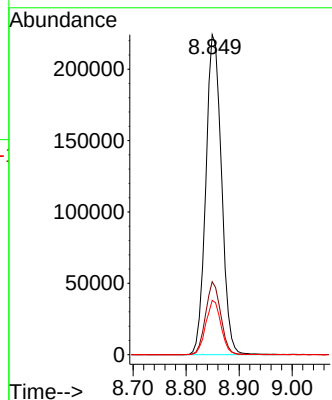
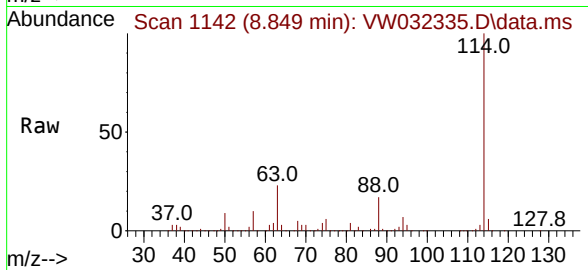
Tgt Ion:114 Resp: 459361

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.4

88 16.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.800 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032335.D

Acq: 02 Oct 2025 16:09

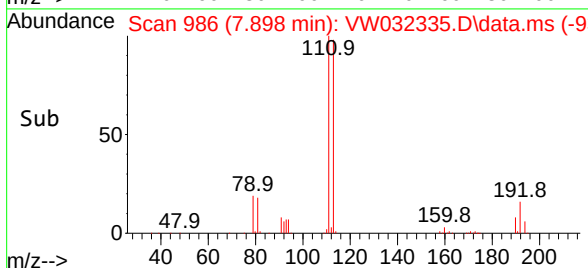
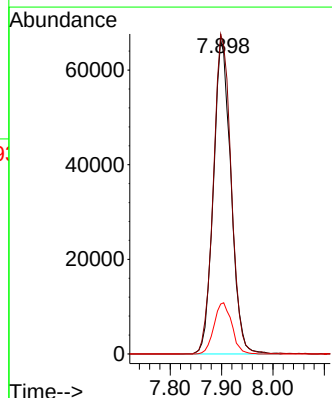
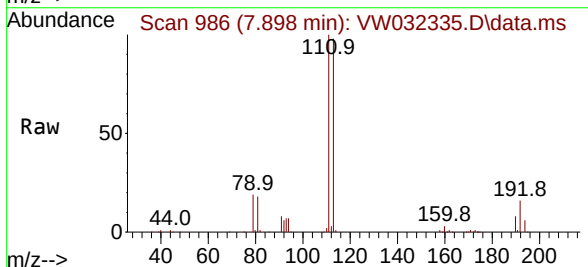
Tgt Ion:113 Resp: 157074

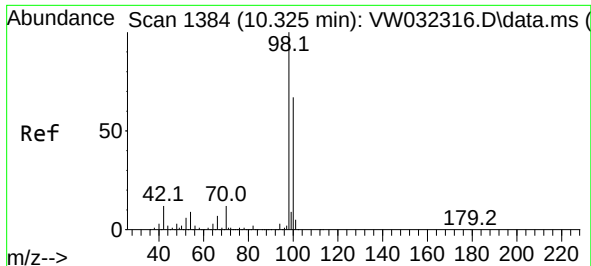
Ion Ratio Lower Upper

113 100

111 103.6 83.9 125.9

192 16.5 14.6 21.8

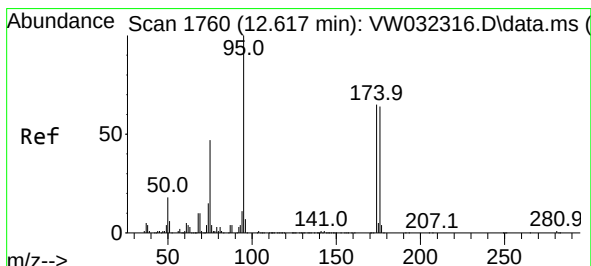
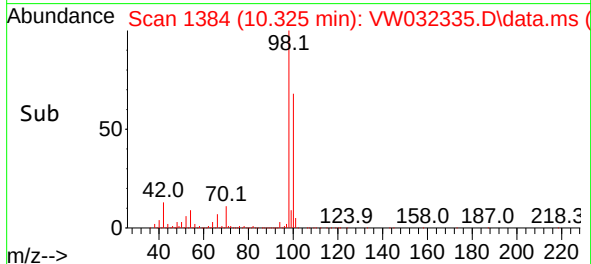
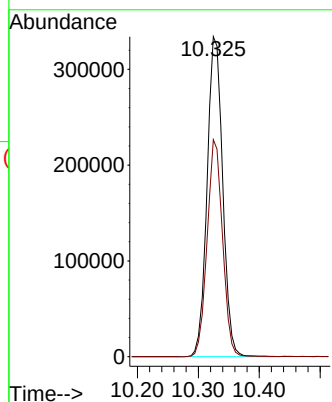
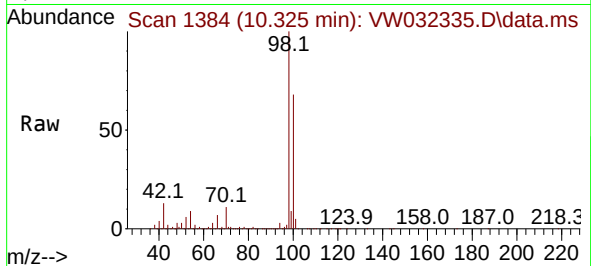




#50
Toluene-d8
Concen: 54.107 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

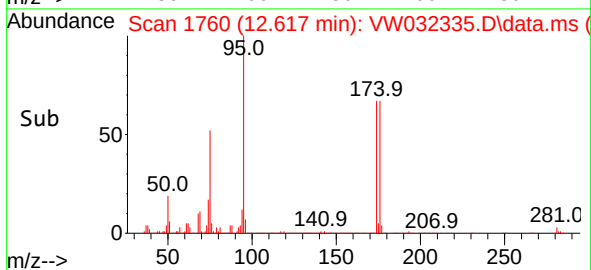
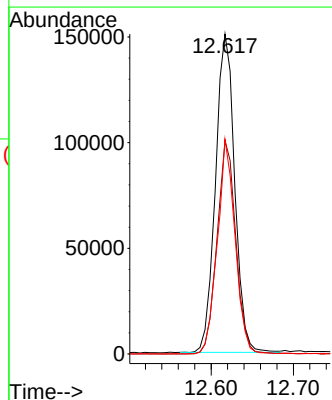
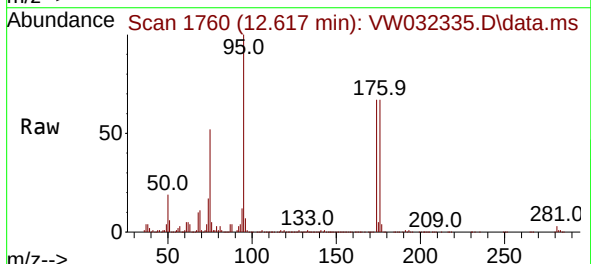
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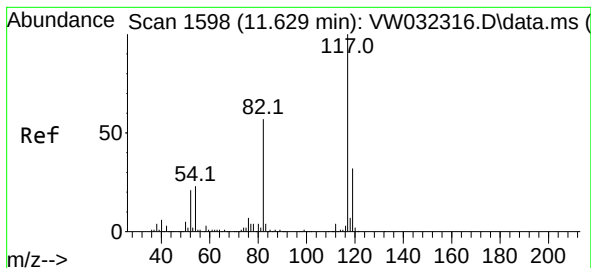
Tgt Ion: 98 Resp: 594074
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 58.916 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032335.D
Acq: 02 Oct 2025 16:09

Tgt Ion: 95 Resp: 244496
Ion Ratio Lower Upper
95 100
174 65.7 0.0 145.6
176 62.3 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032335.D

Acq: 02 Oct 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

EG1-TP2

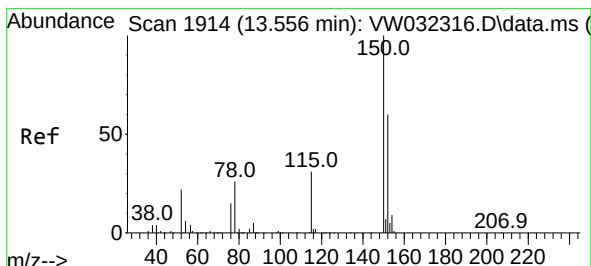
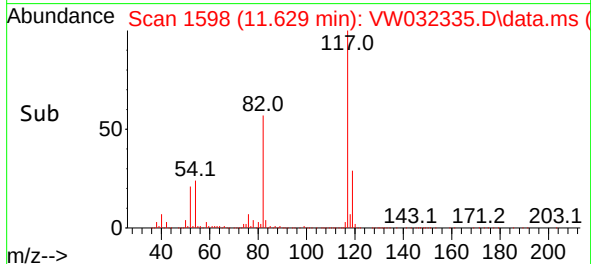
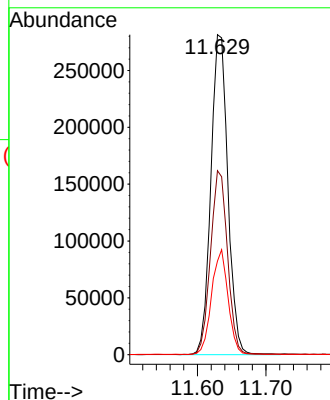
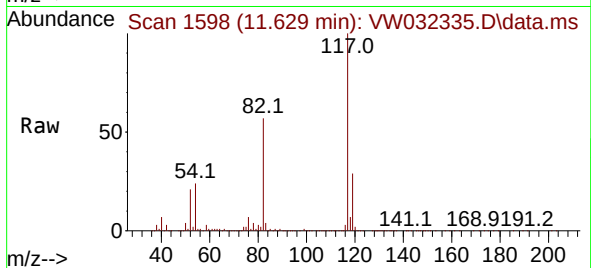
Tgt Ion:117 Resp: 484820

Ion Ratio Lower Upper

117 100

82 57.4 42.7 64.1

119 29.2 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: VW032335.D

Acq: 02 Oct 2025 16:09

Tgt Ion:152 Resp: 247966

Ion Ratio Lower Upper

152 100

115 66.9 31.8 95.4

150 160.6 0.0 343.0

