

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032474.D
 Acq On : 18 Nov 2025 12:34
 Operator : SY/MD
 Sample : Q3633-05
 Misc : 5.66g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-368

Quant Time: Nov 18 13:39:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

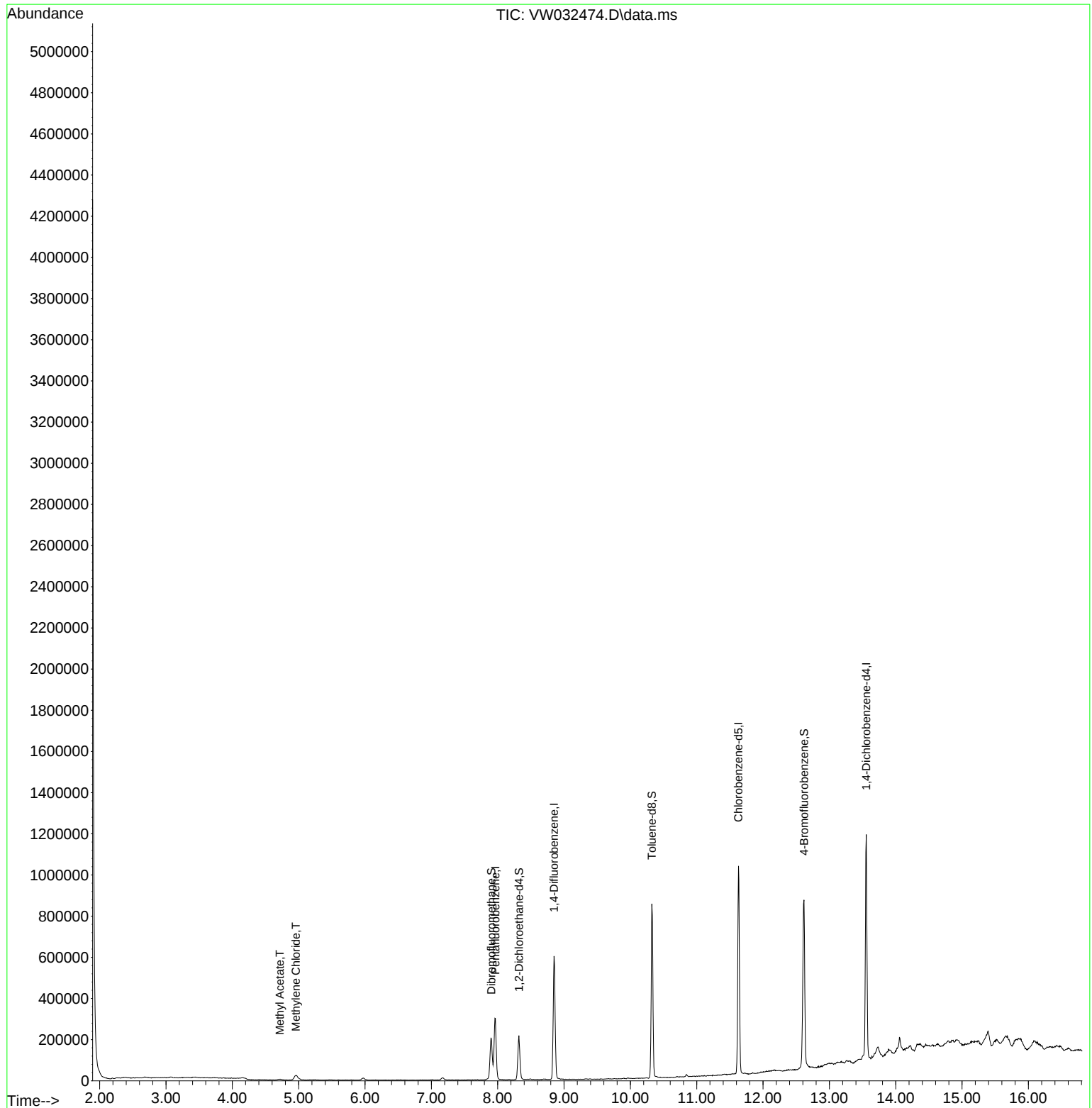
Internal Standards						
1) Pentafluorobenzene	7.965	168	210272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	490761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	557256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	277003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	165689	61.119	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 122.240%	
35) Dibromofluoromethane	7.904	113	153620	52.282	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.560%	
50) Toluene-d8	10.324	98	565239	50.144	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.617	95	260532	61.183	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 122.360%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.716	43	9471	4.716	ug/l	100
20) Methylene Chloride	4.960	84	18986	6.546	ug/l	97

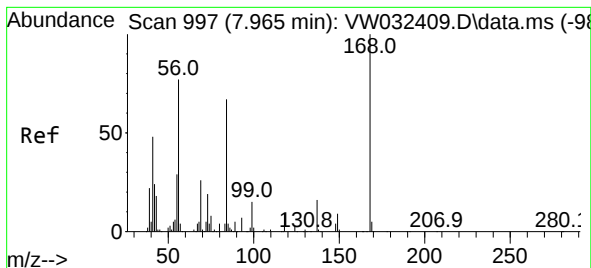
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

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Instrument :

MSVOA_W

ClientSampleId :

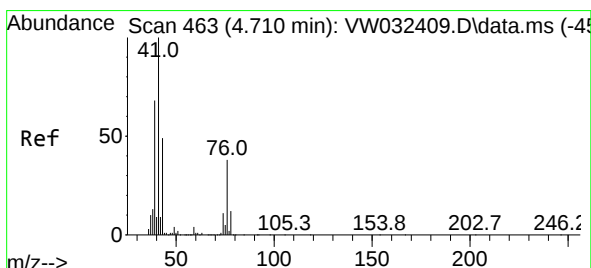
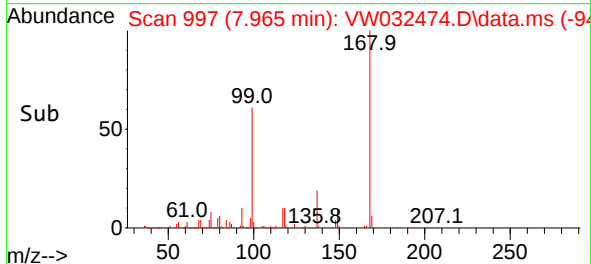
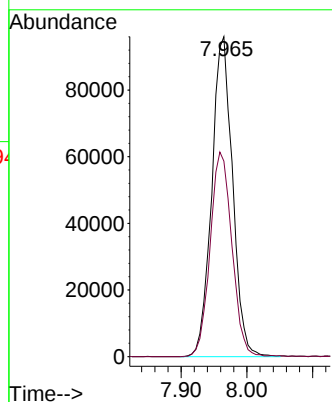
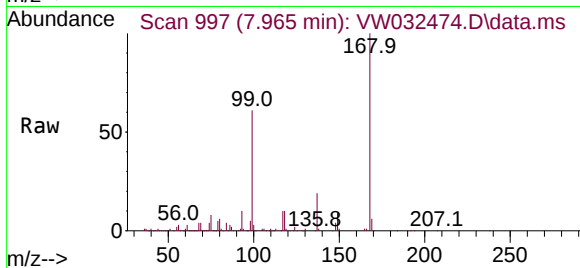
ETGI-368

Tgt Ion:168 Resp: 210272

Ion Ratio Lower Upper

168 100

99 61.1 45.4 68.2



#18

Methyl Acetate

Concen: 4.716 ug/l

RT: 4.716 min Scan# 464

Delta R.T. 0.006 min

Lab File: VW032474.D

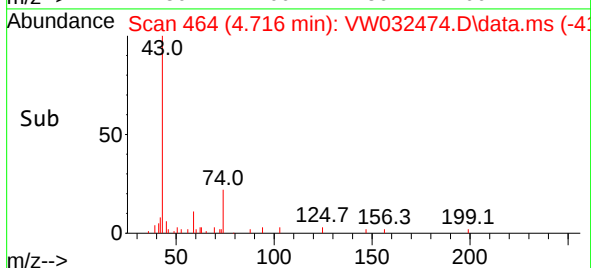
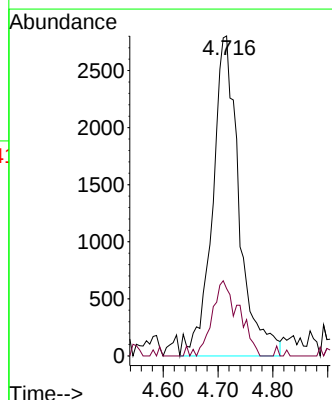
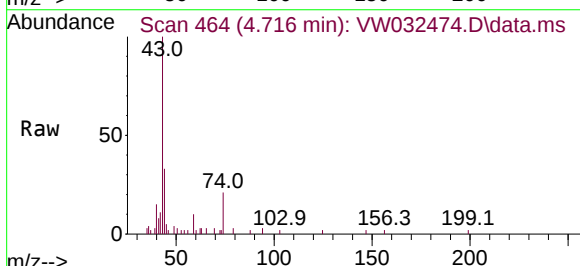
Acq: 18 Nov 2025 12:34

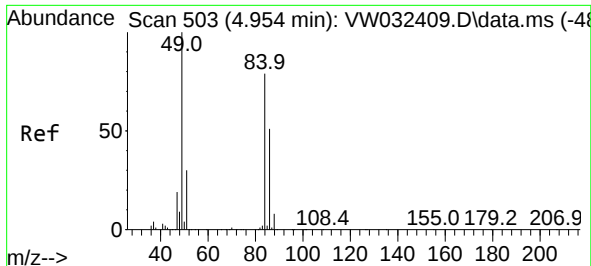
Tgt Ion: 43 Resp: 9471

Ion Ratio Lower Upper

43 100

74 23.4 18.9 28.3

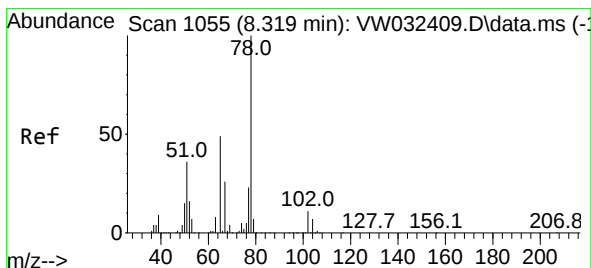
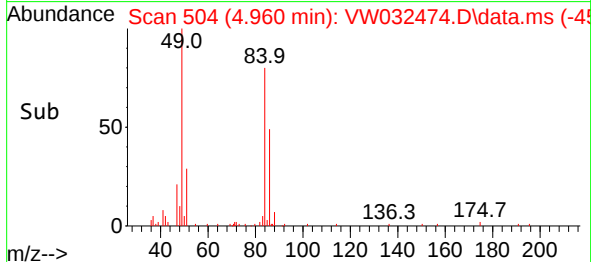
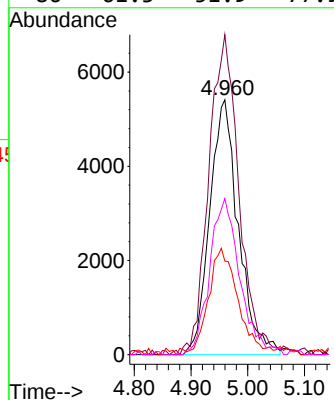
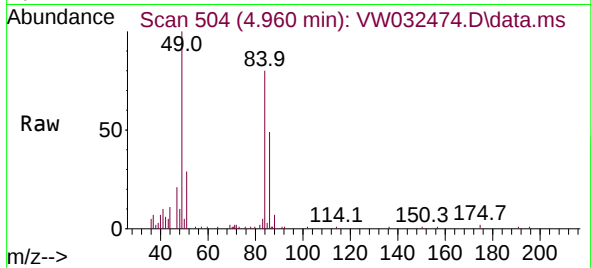




#20
Methylene Chloride
Concen: 6.546 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

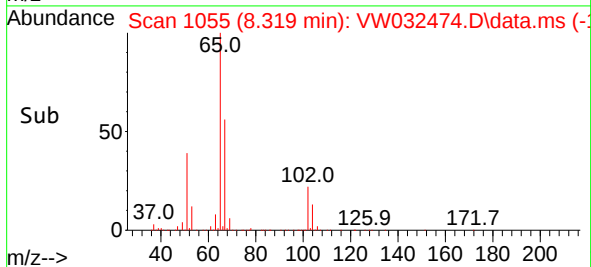
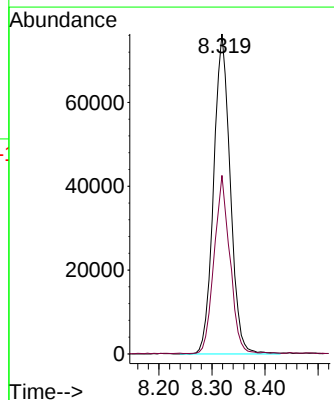
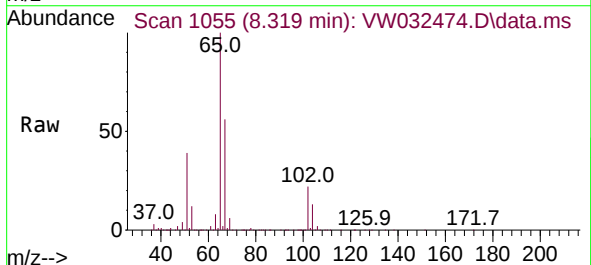
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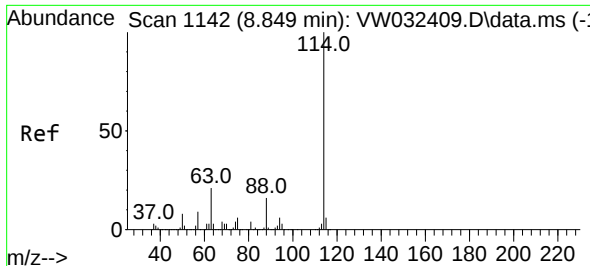
Tgt Ion:	84	Resp:	18986
Ion	Ratio	Lower	Upper
84	100		
49	125.6	101.5	152.3
51	34.3	30.6	46.0
86	61.3	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 61.119 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

Tgt Ion:	65	Resp:	165689
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

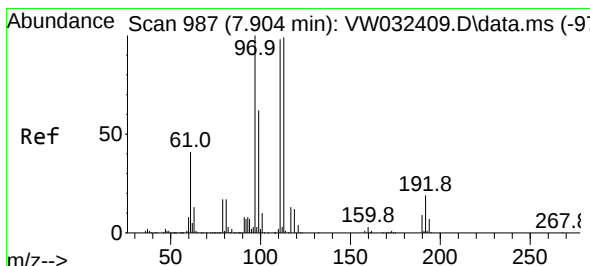
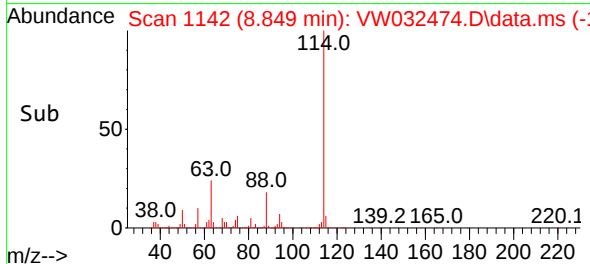
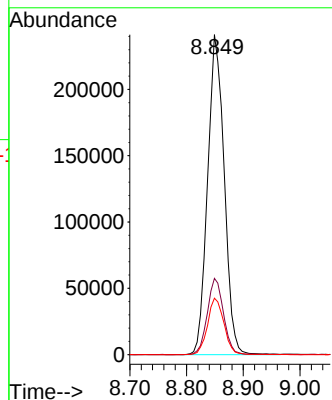
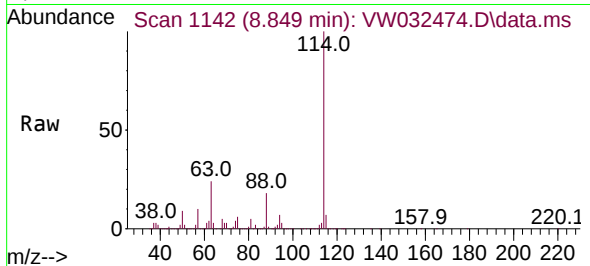




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

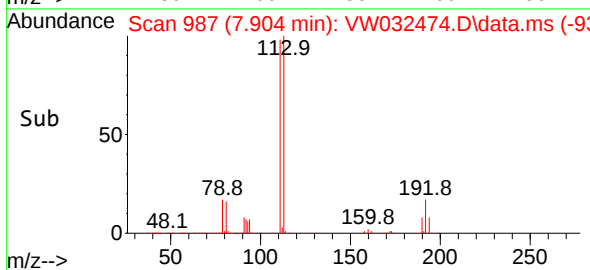
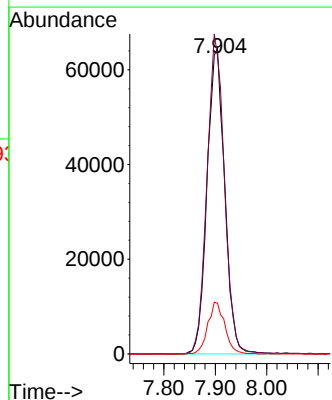
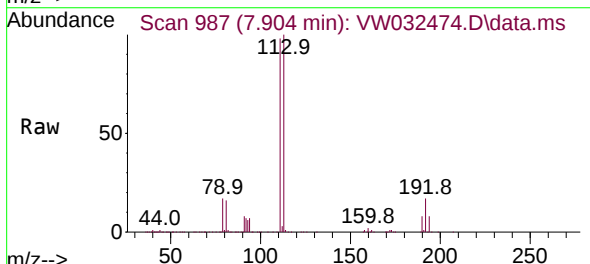
Instrument :
MSVOA_W
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ETGI-368

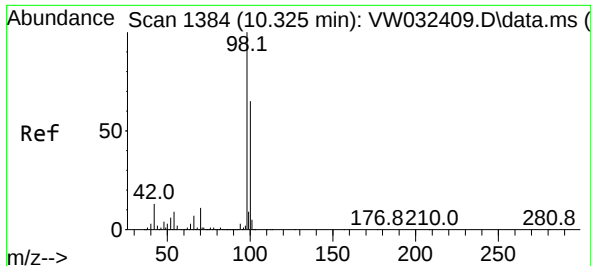
Tgt Ion:114 Resp: 490761
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 17.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.282 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

Tgt Ion:113 Resp: 153620
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.2 13.4 20.2

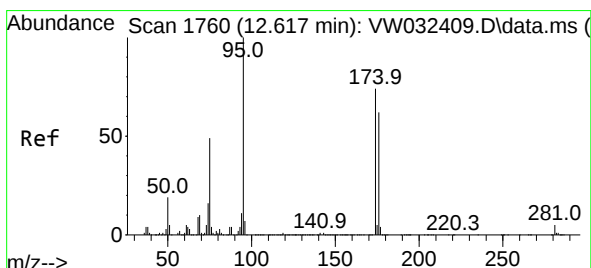
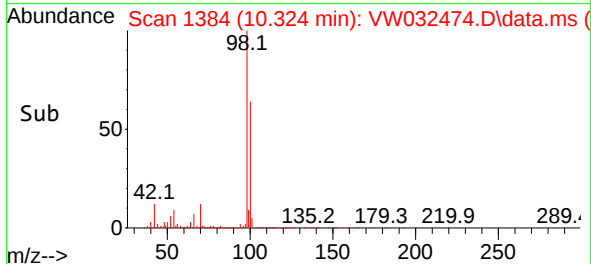
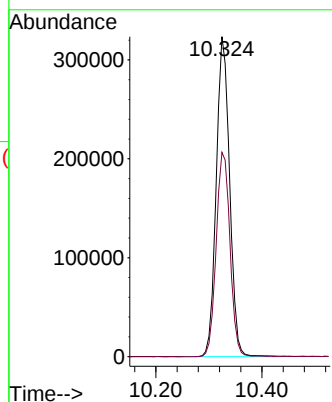
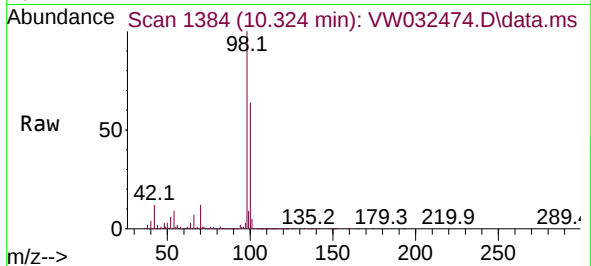




#50
Toluene-d8
Concen: 50.144 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

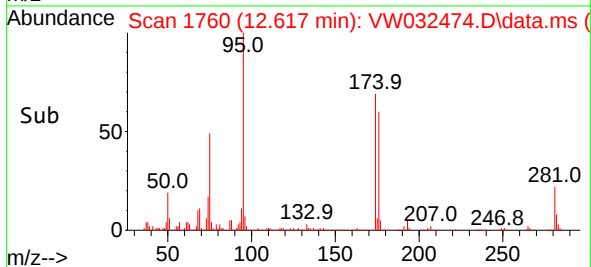
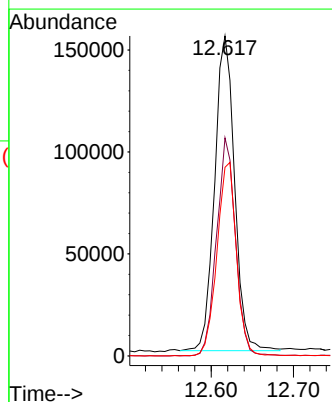
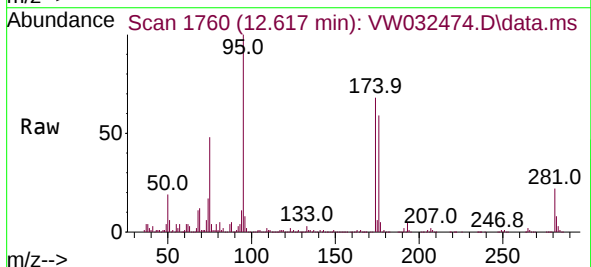
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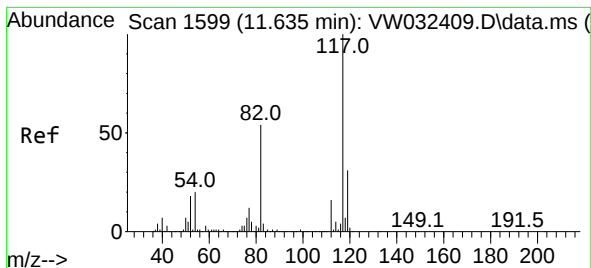
Tgt Ion: 98 Resp: 565239
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 61.183 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032474.D
Acq: 18 Nov 2025 12:34

Tgt Ion: 95 Resp: 260532
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.4
176 60.2 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032474.D

Acq: 18 Nov 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

ETGI-368

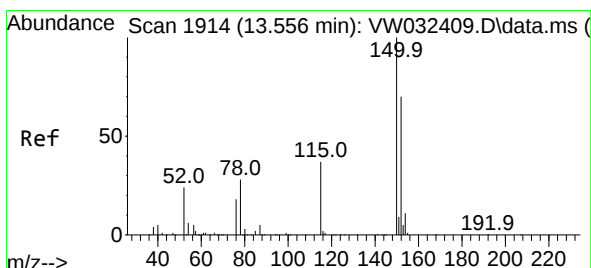
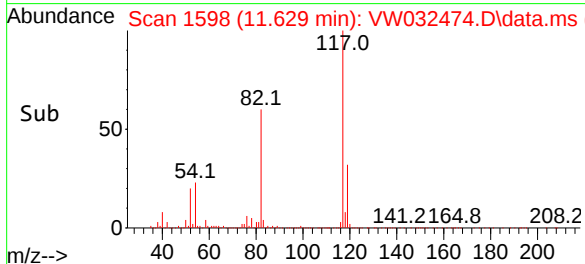
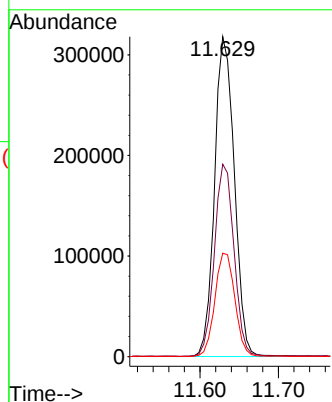
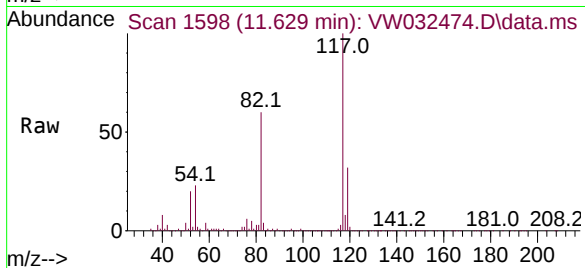
Tgt Ion:117 Resp: 557256

Ion Ratio Lower Upper

117 100

82 60.1 43.0 64.4

119 32.3 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032474.D

Acq: 18 Nov 2025 12:34

Tgt Ion:152 Resp: 277003

Ion Ratio Lower Upper

152 100

115 63.1 32.8 98.3

150 163.9 0.0 356.6

