

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032458.D
 Acq On : 17 Nov 2025 15:17
 Operator : SY/MD
 Sample : Q3633-05
 Misc : 5.98g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-368

Quant Time: Nov 18 03:05:33 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)

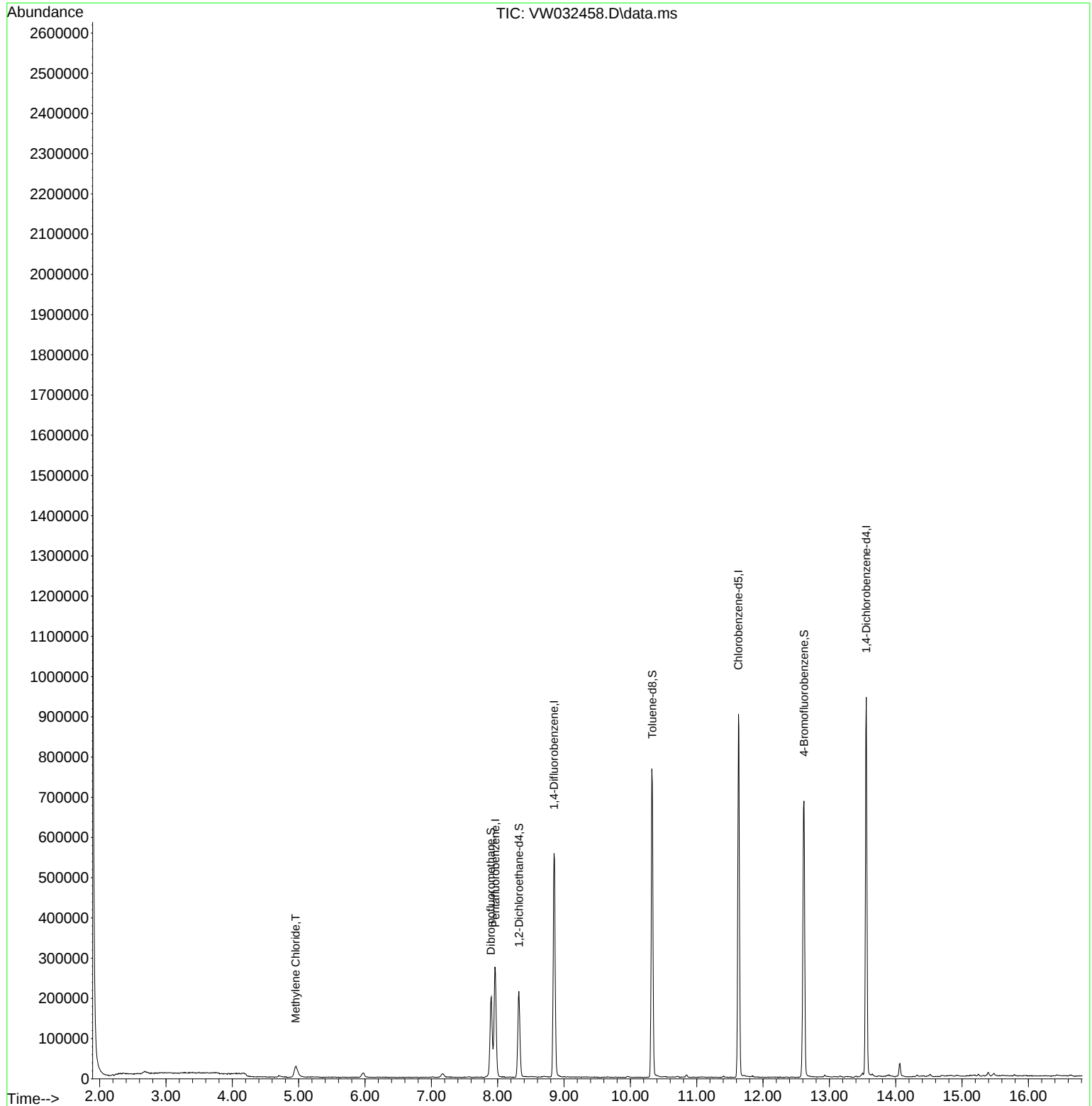
Internal Standards						
1) Pentafluorobenzene	7.965	168	188777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	470567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	241629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171687	70.543	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	141.080%	
35) Dibromofluoromethane	7.898	113	149308	52.995	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	106.000%	
50) Toluene-d8	10.330	98	508311	47.029	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	94.060%	
62) 4-Bromofluorobenzene	12.617	95	215727	52.835	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	105.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.953	84	24262	9.317	ug/l	93

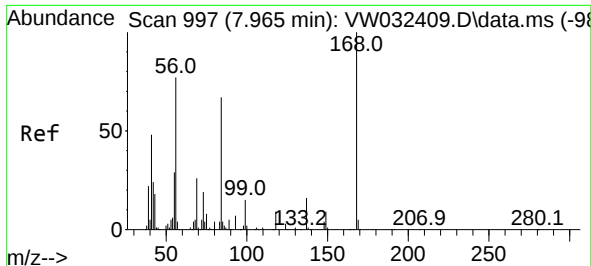
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032458.D
Acq On : 17 Nov 2025 15:17
Operator : SY/MD
Sample : Q3633-05
Misc : 5.98g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETGI-368

Quant Time: Nov 18 03:05:33 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

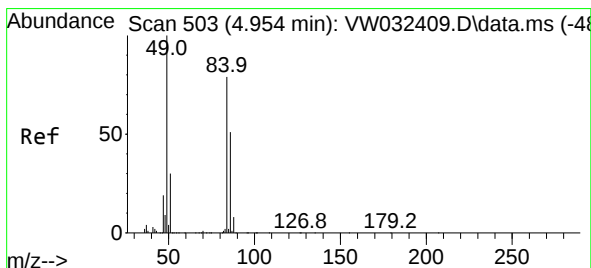
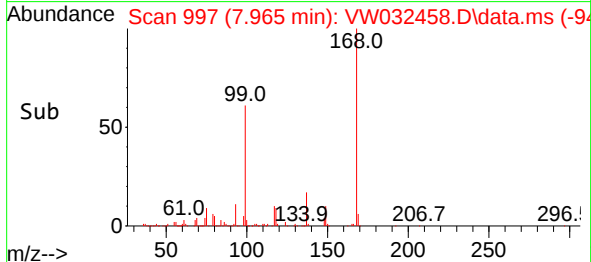
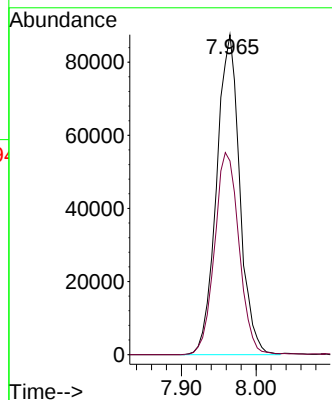
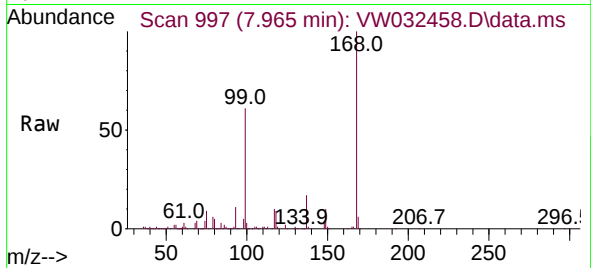




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
Lab File: VW032458.D
Acq: 17 Nov 2025 15:17

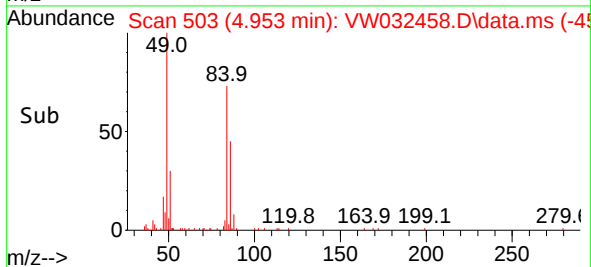
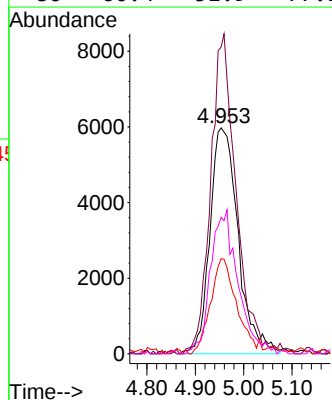
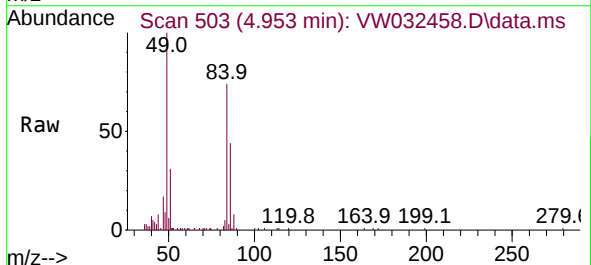
Instrument :
MSVOA_W
ClientSampleId :
ETGI-368

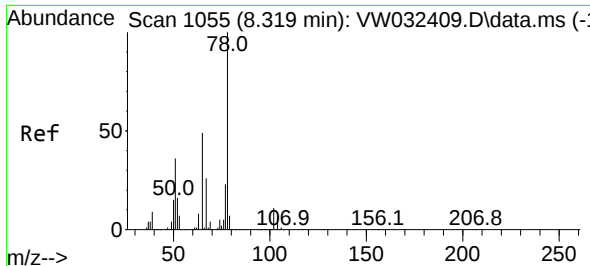
Tgt Ion:168 Resp: 188777
Ion Ratio Lower Upper
168 100
99 60.5 45.4 68.2



#20
Methylene Chloride
Concen: 9.317 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032458.D
Acq: 17 Nov 2025 15:17

Tgt Ion: 84 Resp: 24262
Ion Ratio Lower Upper
84 100
49 135.8 101.5 152.3
51 40.7 30.6 46.0
86 60.4 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 70.543 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032458.D

Acq: 17 Nov 2025 15:17

Instrument :

MSVOA_W

ClientSampleId :

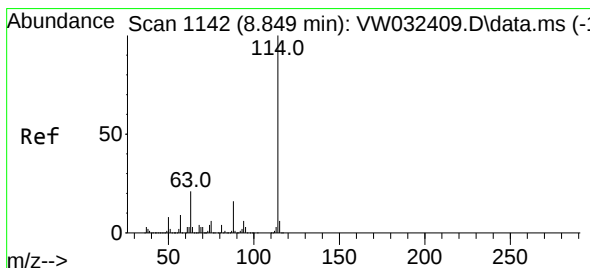
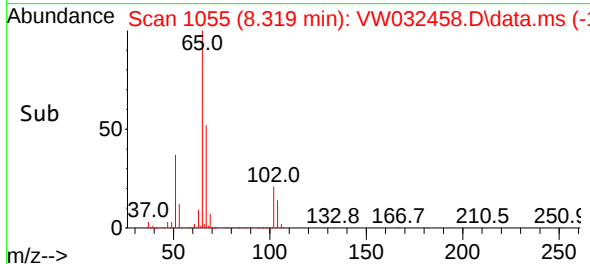
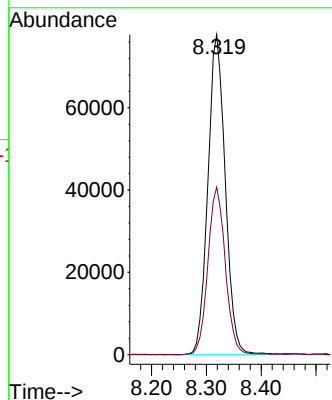
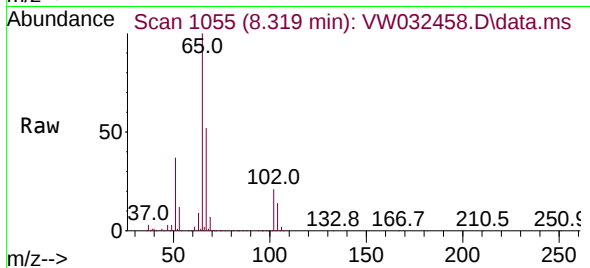
ETGI-368

Tgt Ion: 65 Resp: 171687

Ion Ratio Lower Upper

65 100

67 52.6 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: VW032458.D

Acq: 17 Nov 2025 15:17

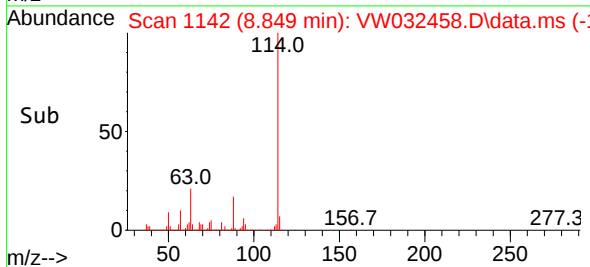
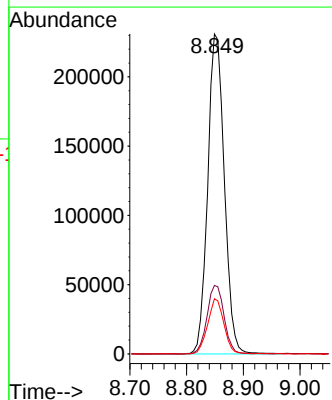
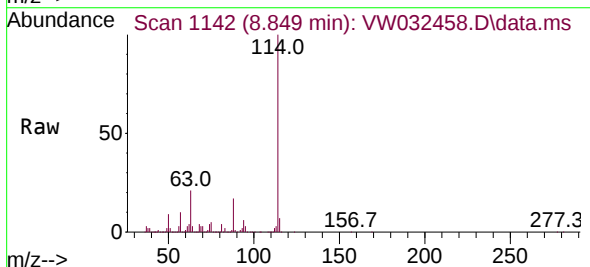
Tgt Ion: 114 Resp: 470567

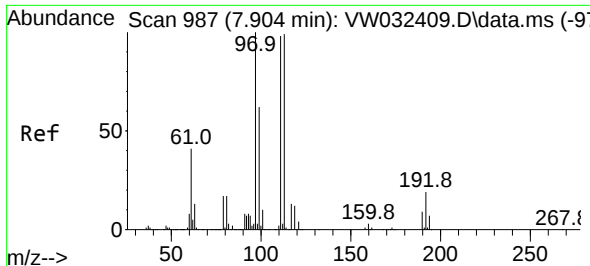
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 17.2 0.0 32.6

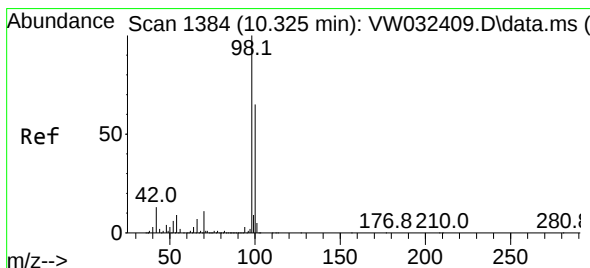
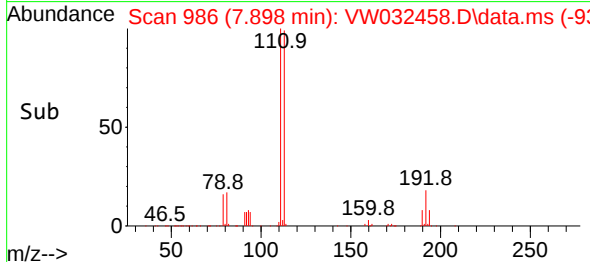
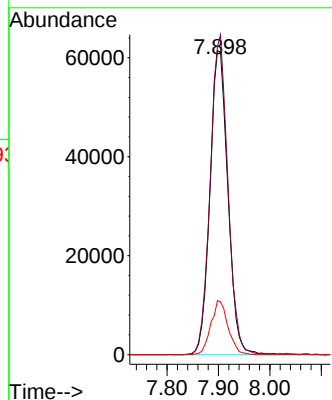
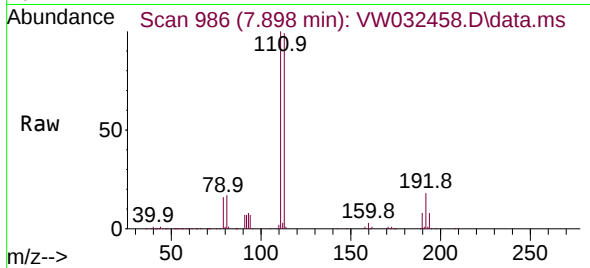




#35
 Dibromofluoromethane
 Concen: 52.995 ug/l
 RT: 7.898 min Scan# 987
 Delta R.T. -0.006 min
 Lab File: VW032458.D
 Acq: 17 Nov 2025 15:17

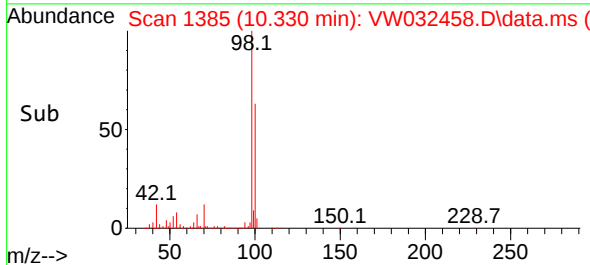
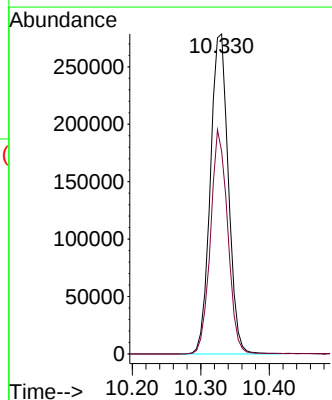
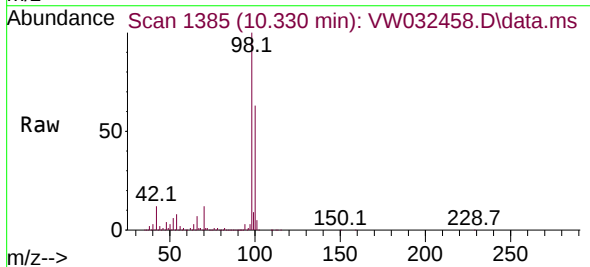
Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-368

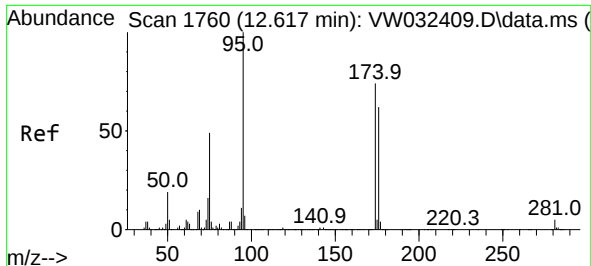
Tgt Ion:113 Resp: 149308
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 16.9 13.4 20.2



#50
 Toluene-d8
 Concen: 47.029 ug/l
 RT: 10.330 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032458.D
 Acq: 17 Nov 2025 15:17

Tgt Ion: 98 Resp: 508311
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.3 79.9

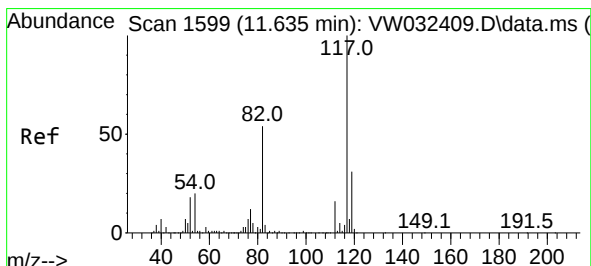
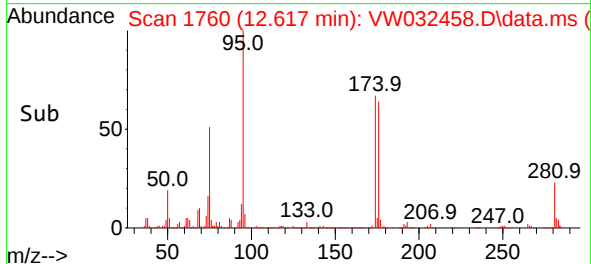
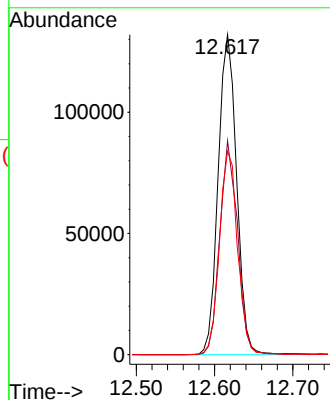
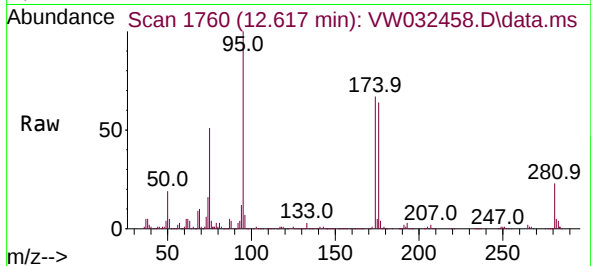




#62
4-Bromofluorobenzene
Concen: 52.835 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032458.D
Acq: 17 Nov 2025 15:17

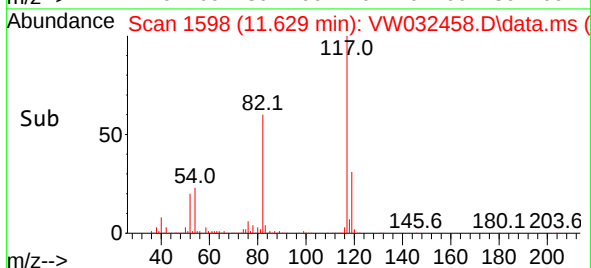
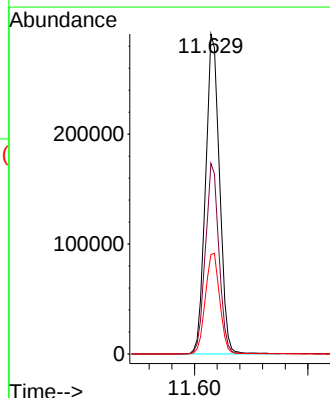
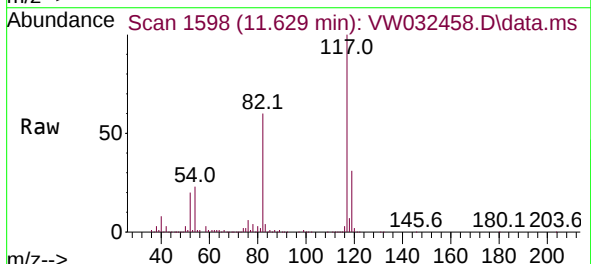
Instrument :
MSVOA_W
ClientSampleId :
ETGI-368

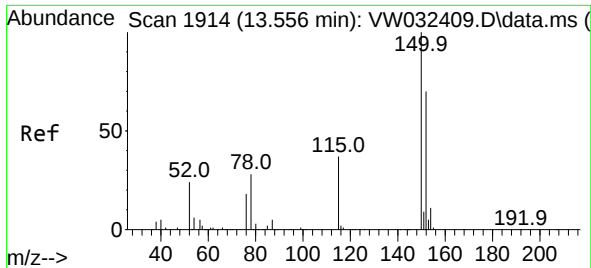
Tgt Ion: 95 Resp: 215727
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.4
176 63.0 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032458.D
Acq: 17 Nov 2025 15:17

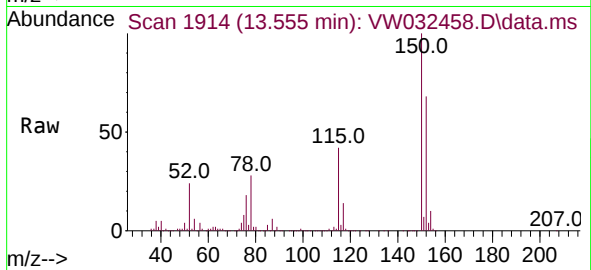
Tgt Ion: 117 Resp: 498702
Ion Ratio Lower Upper
117 100
82 59.5 43.0 64.4
119 31.0 25.0 37.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032458.D
Acq: 17 Nov 2025 15:17

Instrument :
MSVOA_W
ClientSampleId :
ETGI-368



Tgt Ion:	152	Resp:	241629
Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.8	98.3
150	152.8	0.0	356.6

