

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032274.D
 Acq On : 26 Sep 2025 12:56
 Operator : SY/MD
 Sample : Q3200-01
 Misc : 5.22g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-367

Quant Time: Sep 27 04:35:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	185336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	415634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	446606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	227143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	186923	63.874	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	127.740%
35) Dibromofluoromethane	7.904	113	152779	51.112	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.220%
50) Toluene-d8	10.331	98	568841	52.804	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.617	95	223837	55.085	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	110.160%

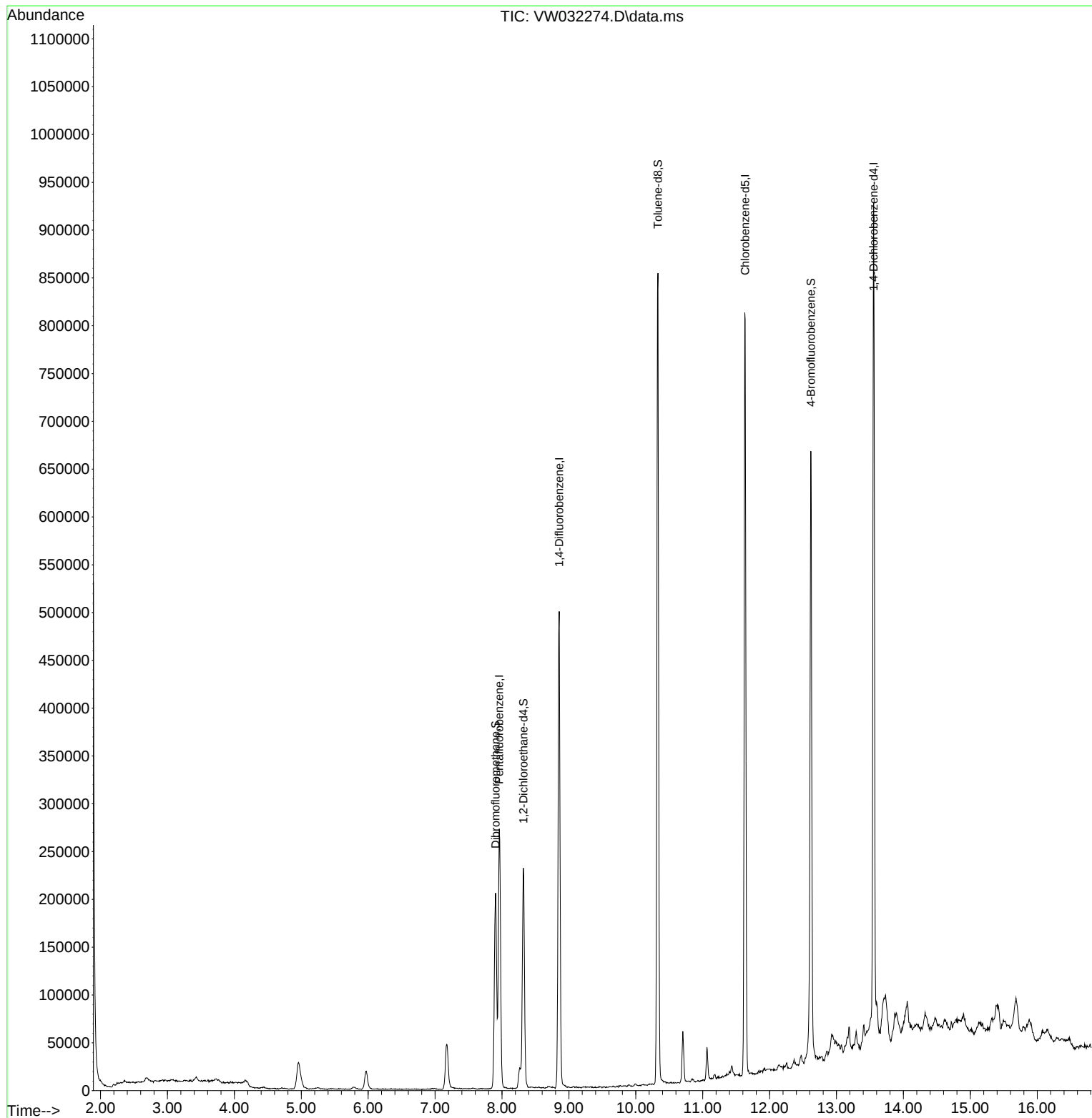
Target Compounds	Qvalue

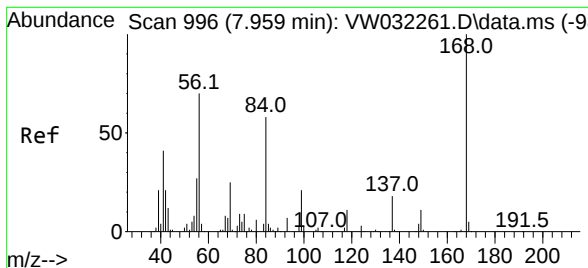
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032274.D
Acq On : 26 Sep 2025 12:56
Operator : SY/MD
Sample : Q3200-01
Misc : 5.22g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETGI-367

Quant Time: Sep 27 04:35:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW032274.D

Acq: 26 Sep 2025 12:56

Instrument :

MSVOA_W

ClientSampleId :

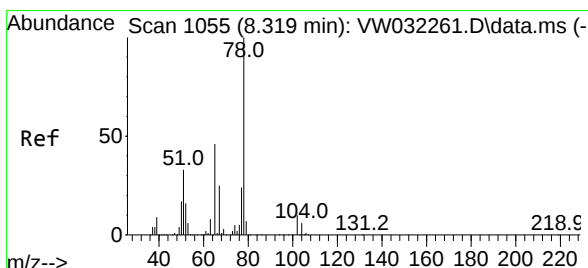
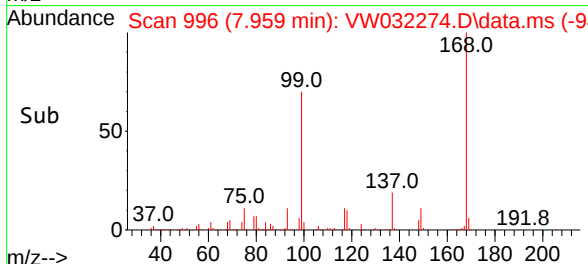
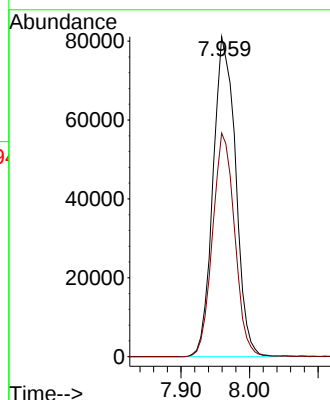
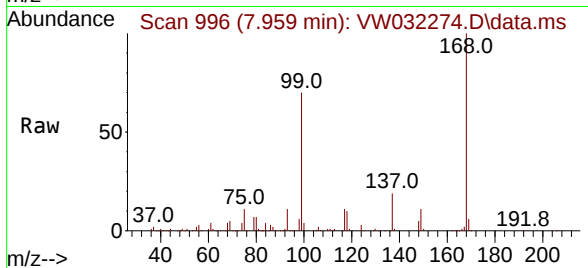
ETGI-367

Tgt Ion:168 Resp: 185336

Ion Ratio Lower Upper

168 100

99 69.8 55.0 82.4



#33

1,2-Dichloroethane-d4

Concen: 63.874 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032274.D

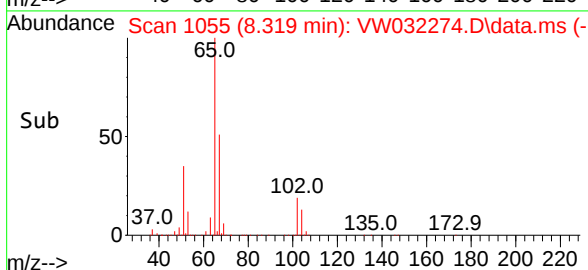
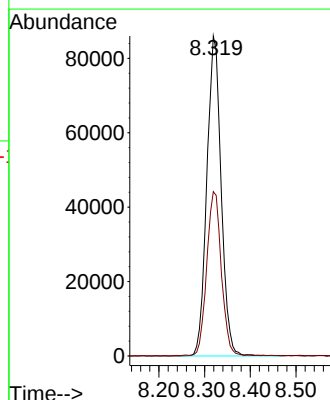
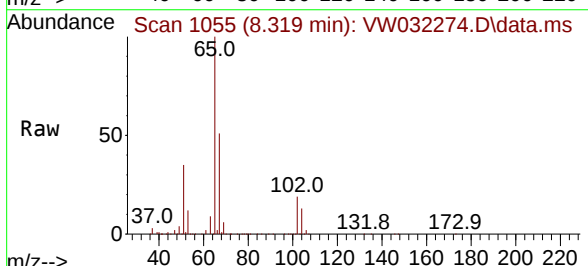
Acq: 26 Sep 2025 12:56

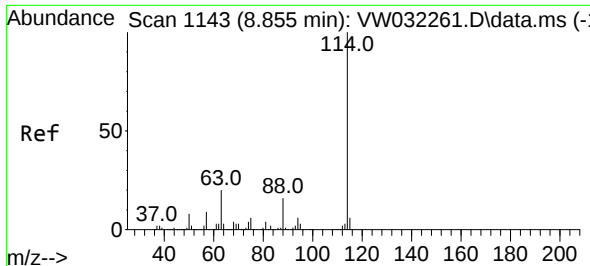
Tgt Ion: 65 Resp: 186923

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032274.D

Acq: 26 Sep 2025 12:56

Instrument :

MSVOA_W

ClientSampleId :

ETGI-367

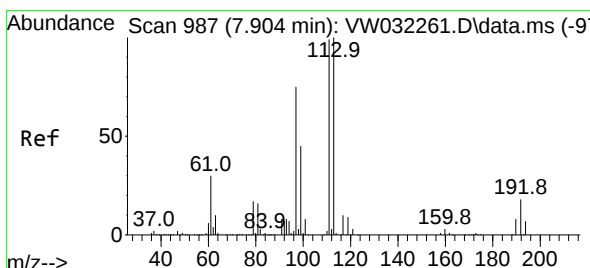
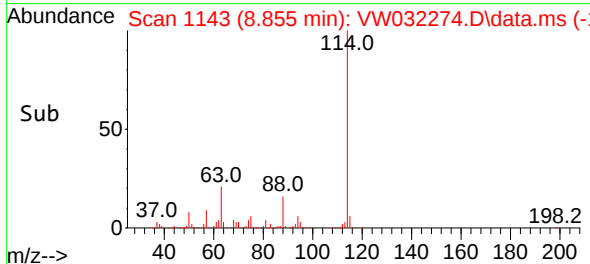
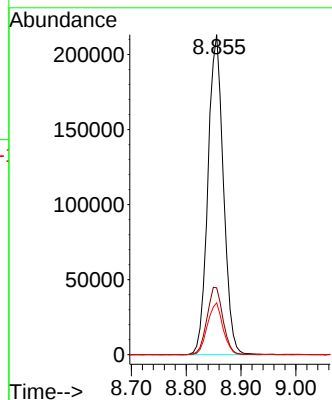
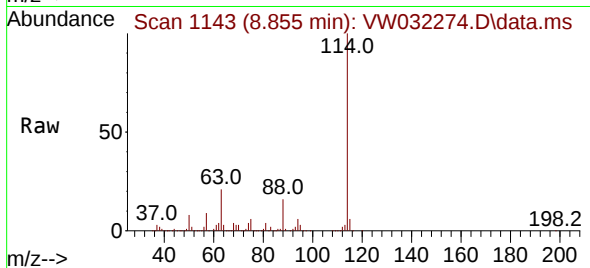
Tgt Ion:114 Resp: 415634

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 16.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.112 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW032274.D

Acq: 26 Sep 2025 12:56

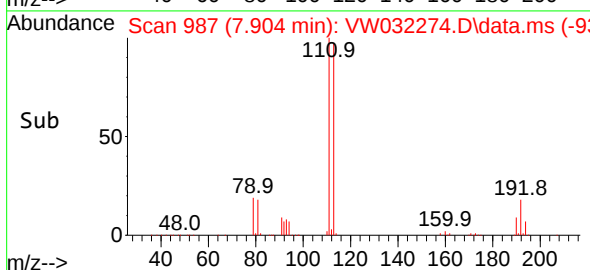
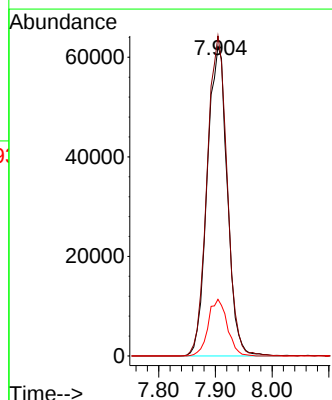
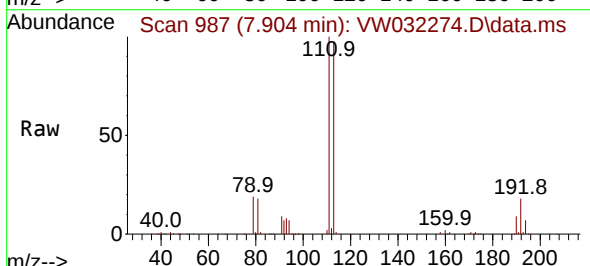
Tgt Ion:113 Resp: 152779

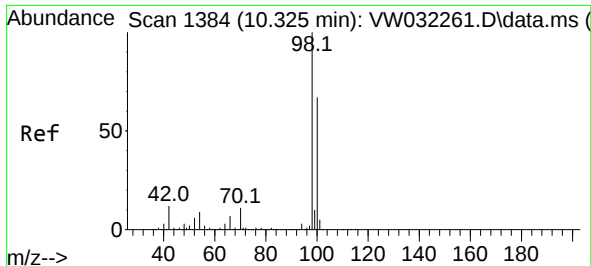
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 17.4 13.0 19.4

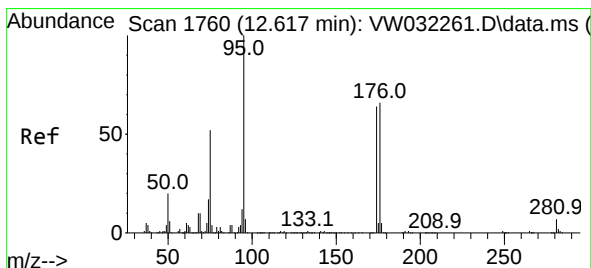
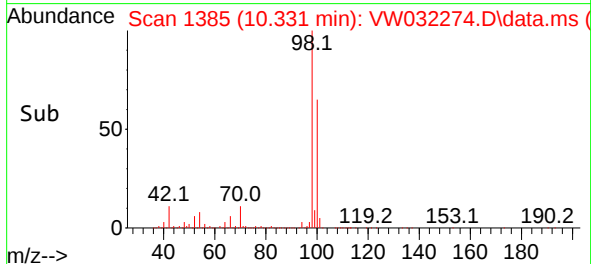
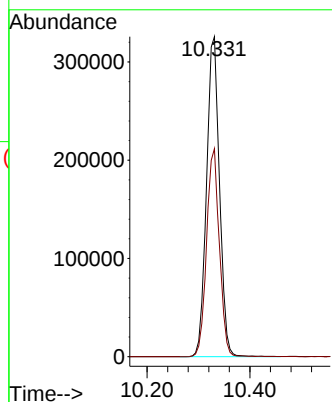
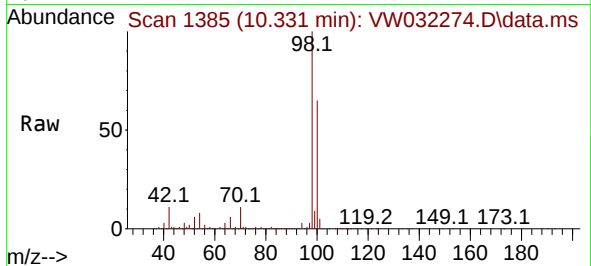




#50
Toluene-d8
Concen: 52.804 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032274.D
Acq: 26 Sep 2025 12:56

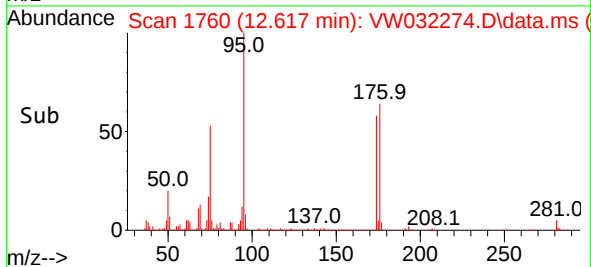
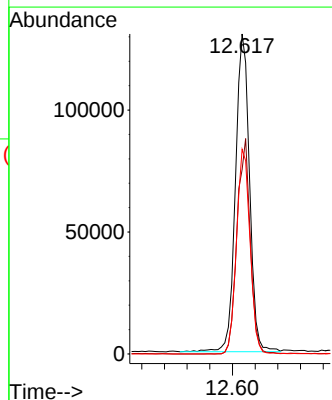
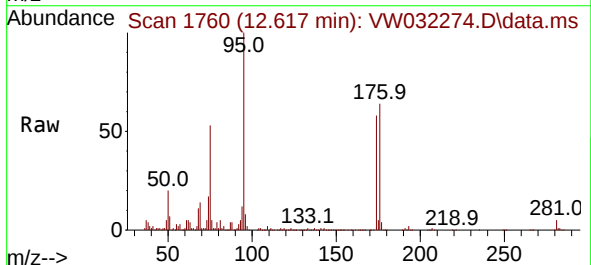
Instrument :
MSVOA_W
ClientSampleId :
ETGI-367

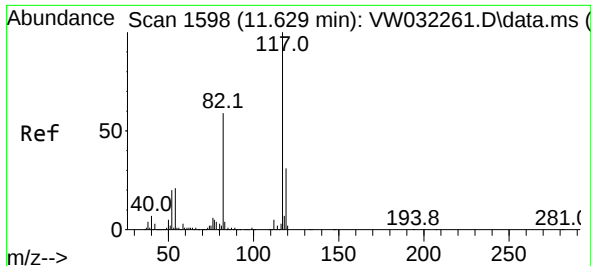
Tgt Ion: 98 Resp: 568841
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.085 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032274.D
Acq: 26 Sep 2025 12:56

Tgt Ion: 95 Resp: 223837
Ion Ratio Lower Upper
95 100
174 63.7 0.0 130.6
176 62.2 0.0 127.0

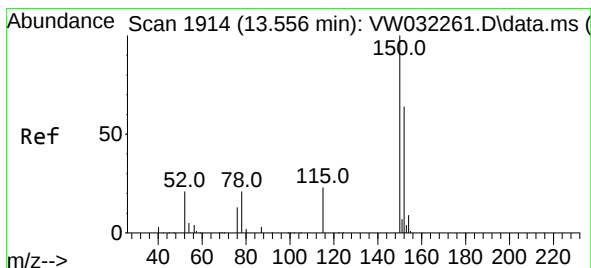
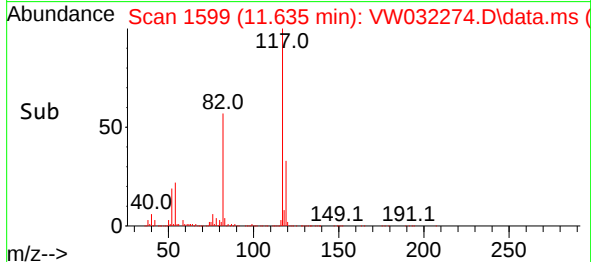
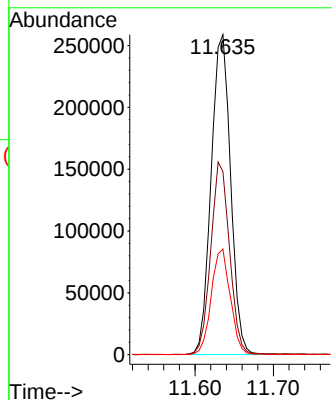
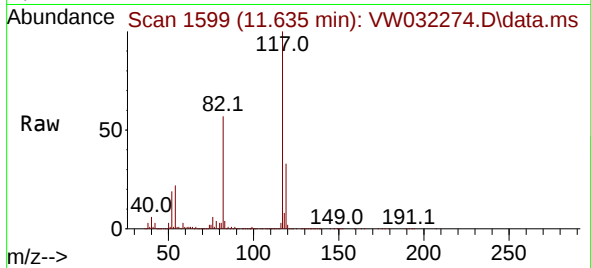




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032274.D
Acq: 26 Sep 2025 12:56

Instrument :
MSVOA_W
ClientSampleId :
ETGI-367

Tgt Ion:117 Resp: 446606
Ion Ratio Lower Upper
117 100
82 57.1 46.9 70.3
119 33.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032274.D
Acq: 26 Sep 2025 12:56

Tgt Ion:152 Resp: 227143
Ion Ratio Lower Upper
152 100
115 64.2 32.5 97.5
150 150.0 0.0 370.2

