

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032632.D
 Acq On : 11 Dec 2025 14:59
 Operator : SY/MD
 Sample : Q3826-05
 Misc : 5.32g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15

Quant Time: Dec 12 00:44:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	421663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	819638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	707219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	304397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	415414	61.791	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	123.580%
35) Dibromofluoromethane	7.898	113	333483	56.621	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	113.240%
50) Toluene-d8	10.325	98	1151050	54.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	109.440%
62) 4-Bromofluorobenzene	12.617	95	392080	50.769	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.540%

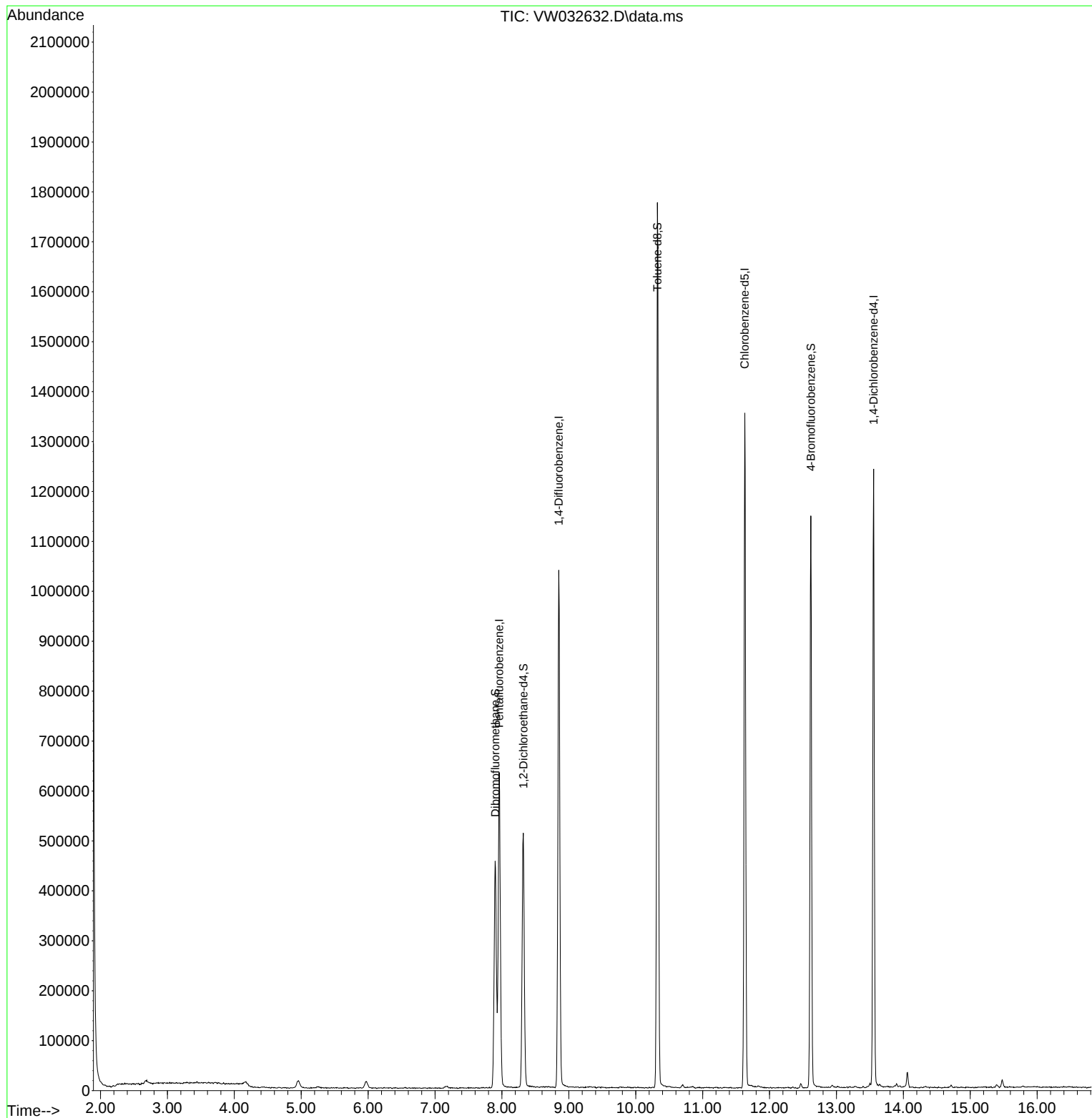
Target Compounds	Qvalue

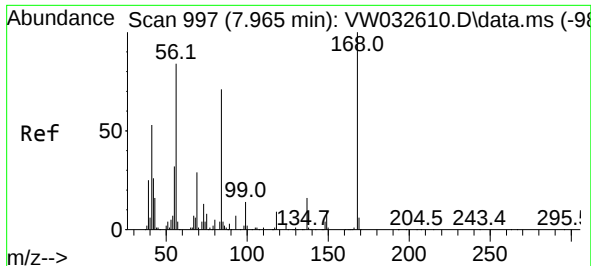
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032632.D
Acq On : 11 Dec 2025 14:59
Operator : SY/MD
Sample : Q3826-05
Misc : 5.32g/5mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15

Quant Time: Dec 12 00:44:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

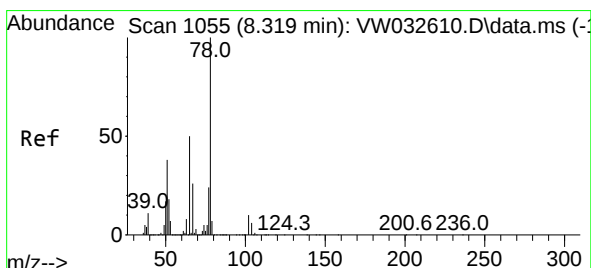
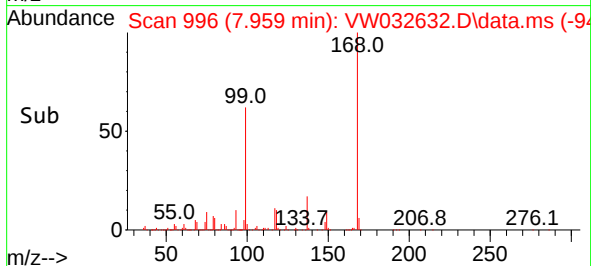
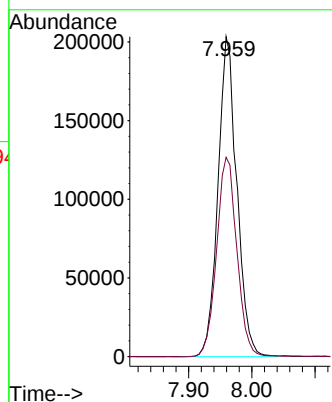
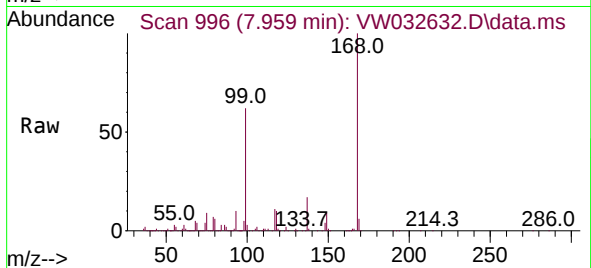




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

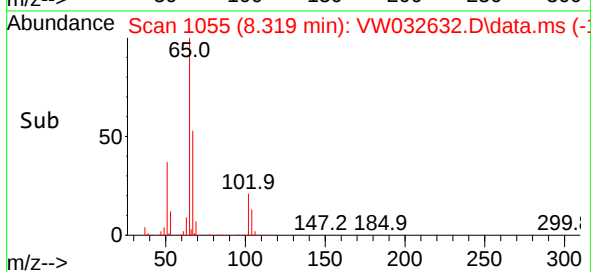
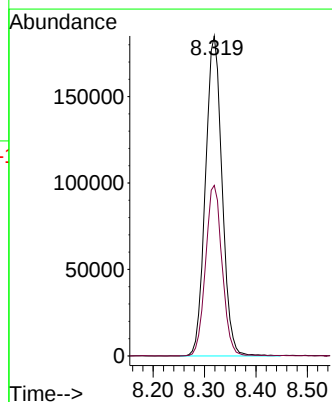
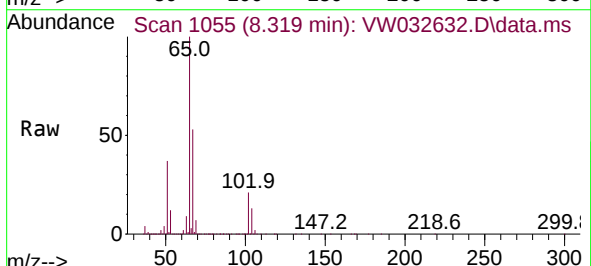
Instrument :
MSVOA_W
ClientSampleId :
TP-15

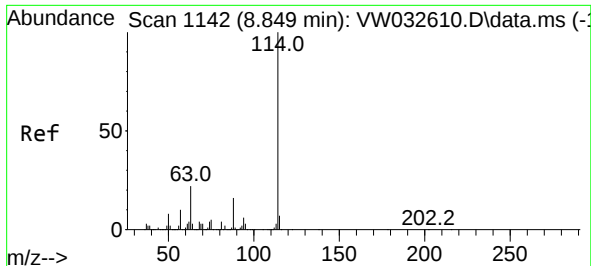
Tgt Ion:168 Resp: 421663
Ion Ratio Lower Upper
168 100
99 62.3 47.8 71.8



#33
1,2-Dichloroethane-d4
Concen: 61.791 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 65 Resp: 415414
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6

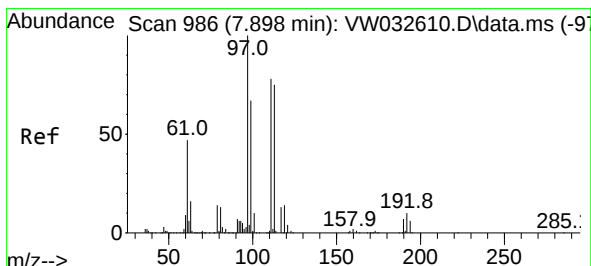
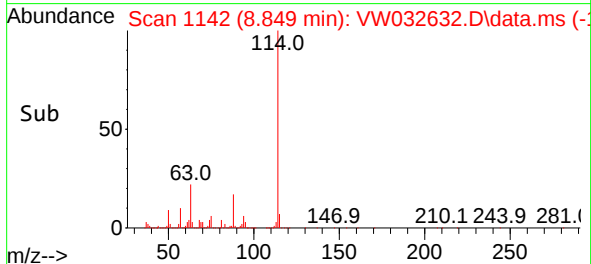
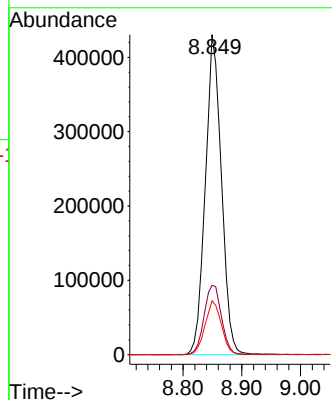
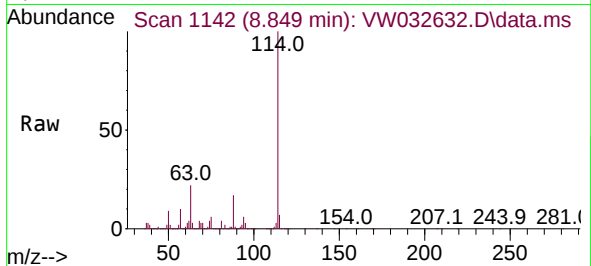




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

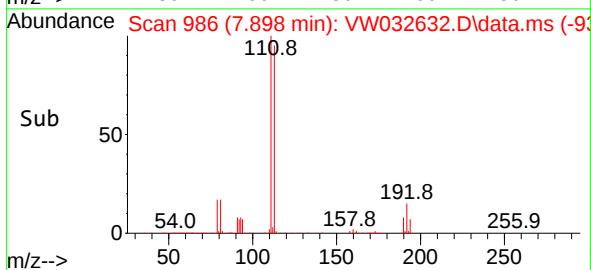
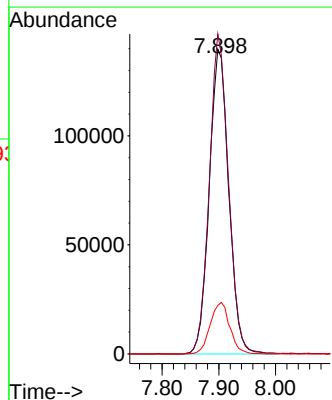
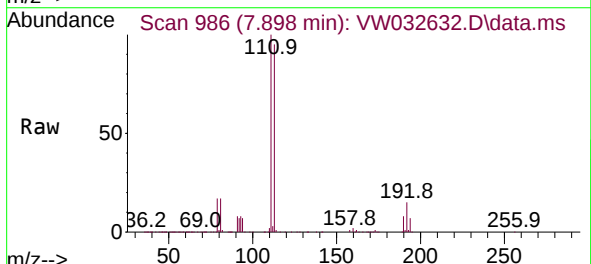
Instrument :
MSVOA_W
ClientSampleId :
TP-15

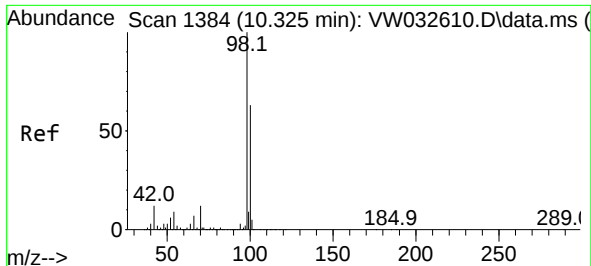
Tgt Ion:114 Resp: 819638
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.6
88 16.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.621 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion:113 Resp: 333483
Ion Ratio Lower Upper
113 100
111 103.4 85.2 127.8
192 16.9 13.3 19.9

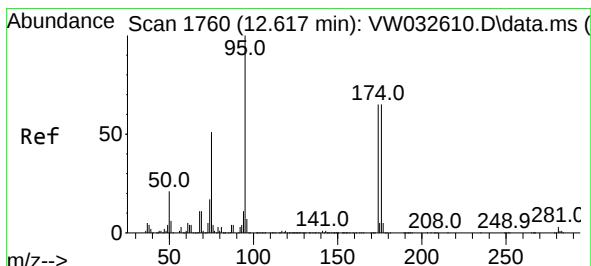
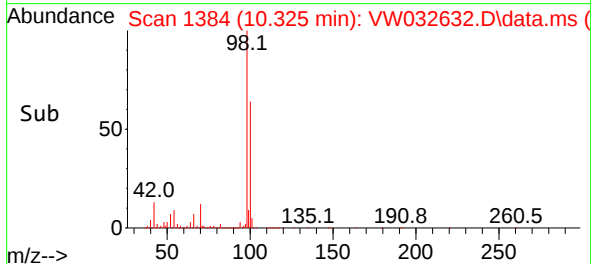
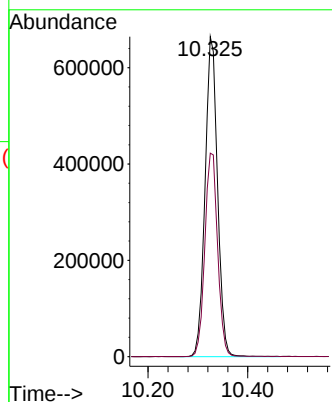
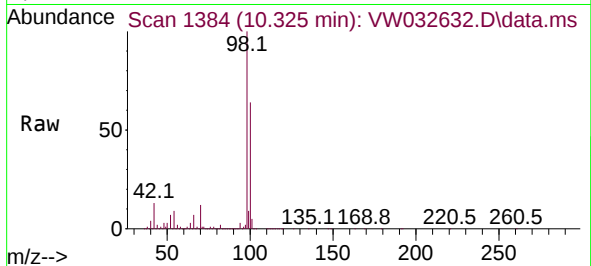




#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

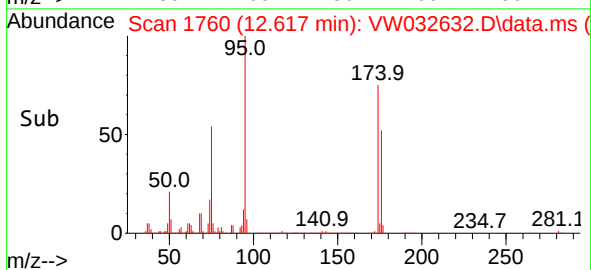
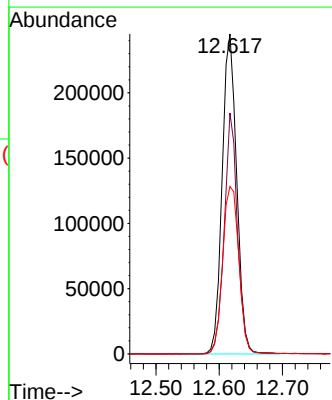
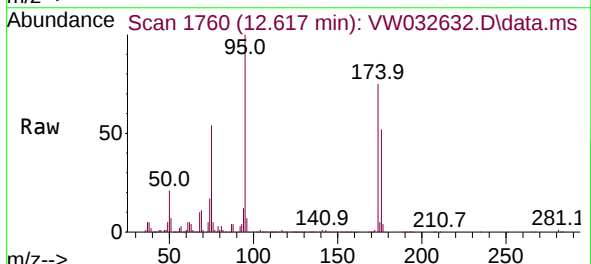
Instrument :
MSVOA_W
ClientSampleId :
TP-15

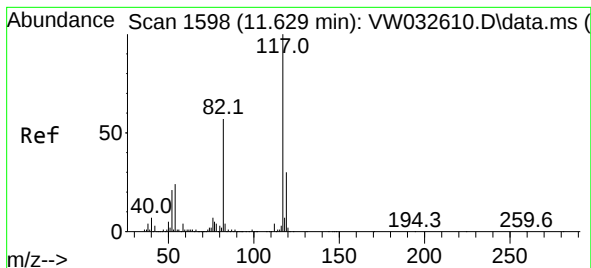
Tgt Ion: 98 Resp: 1151050
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 95 Resp: 392080
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.0
176 58.3 0.0 123.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032632.D

Acq: 11 Dec 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

TP-15

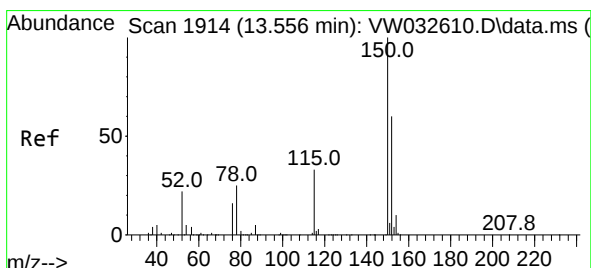
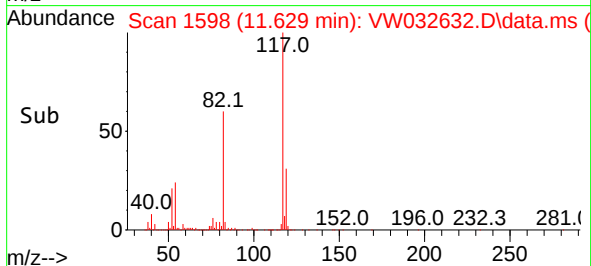
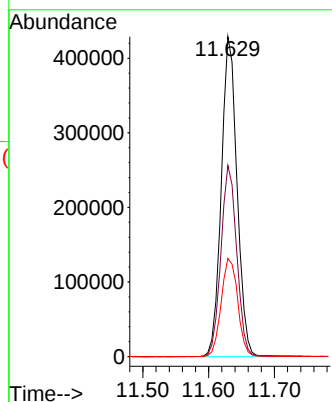
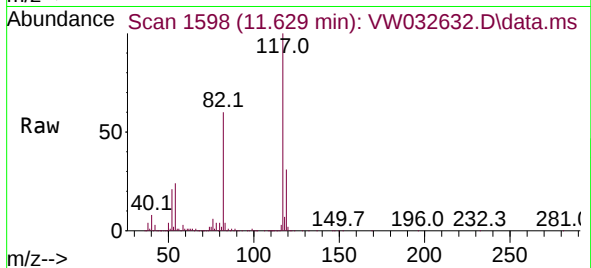
Tgt Ion:117 Resp: 707219

Ion Ratio Lower Upper

117 100

82 59.7 45.5 68.3

119 30.6 23.8 35.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032632.D

Acq: 11 Dec 2025 14:59

Tgt Ion:152 Resp: 304397

Ion Ratio Lower Upper

152 100

115 63.0 33.8 101.3

150 151.5 0.0 369.4

