

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031994.D
 Acq On : 04 Aug 2025 12:28
 Operator : SY/MD
 Sample : Q2747-07RE
 Misc : 2.58g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OU4-TS-GRILLO-TSCP01-073125RE

Quant Time: Aug 05 01:17:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	177491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	358263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	293647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	92547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	125239	46.644	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.280%
35) Dibromofluoromethane	7.898	113	117579	48.298	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.600%
50) Toluene-d8	10.325	98	420651	45.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.617	95	107969	30.518	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	61.040%

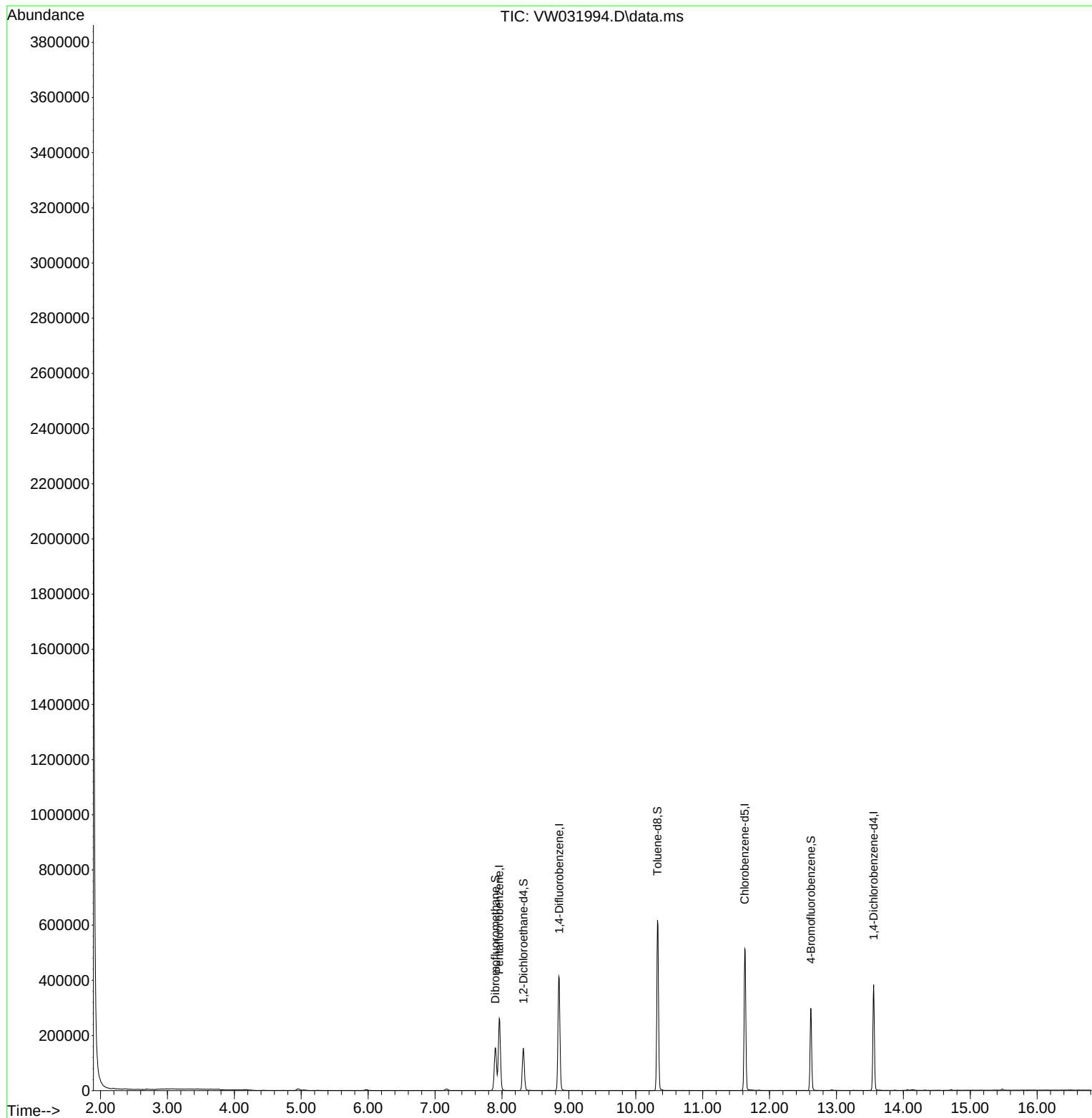
Target Compounds	Qvalue

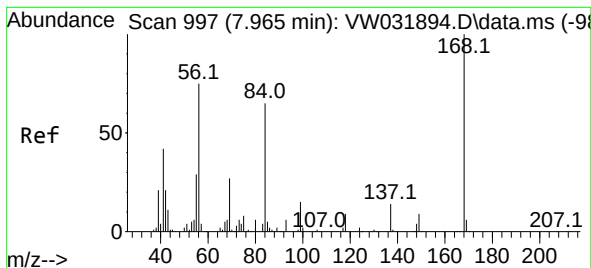
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
Data File : VW031994.D
Acq On : 04 Aug 2025 12:28
Operator : SY/MD
Sample : Q2747-07RE
Misc : 2.58g/5mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125RE

Quant Time: Aug 05 01:17:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 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: VW031994.D

Acq: 04 Aug 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

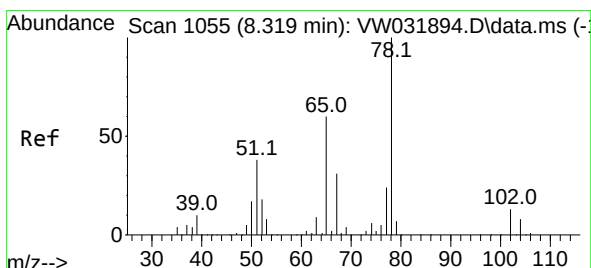
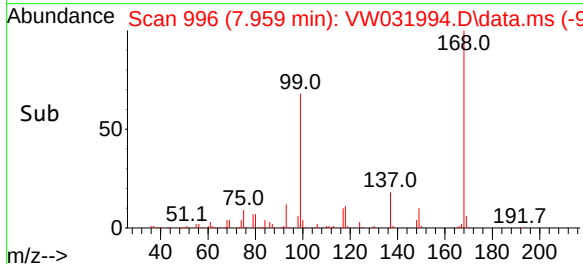
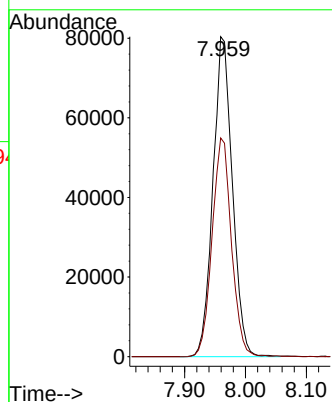
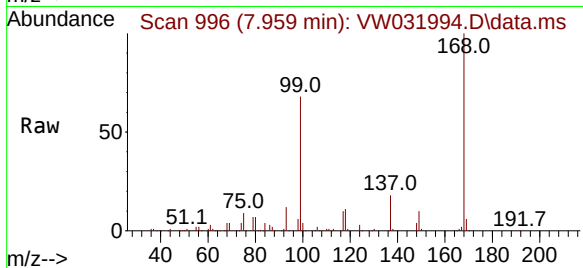
OU4-TS-GRILLO-TSCP01-073125RE

Tgt Ion:168 Resp: 177491

Ion Ratio Lower Upper

168 100

99 68.3 48.2 72.2



#33

1,2-Dichloroethane-d4

Concen: 46.644 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031994.D

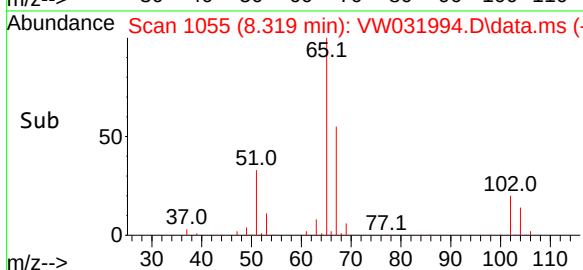
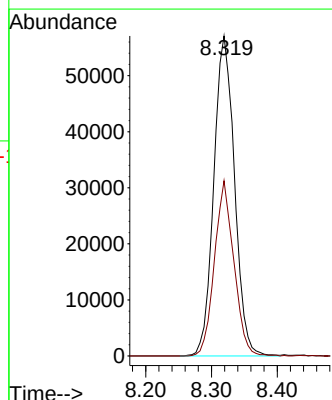
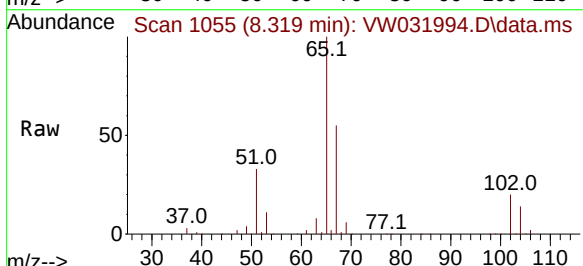
Acq: 04 Aug 2025 12:28

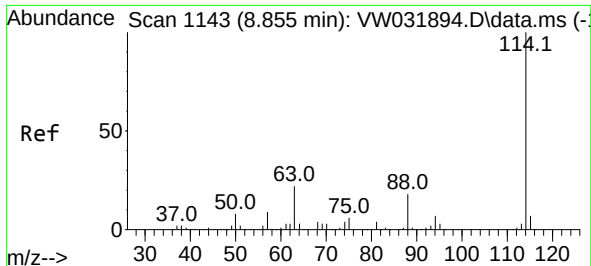
Tgt Ion: 65 Resp: 125239

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4

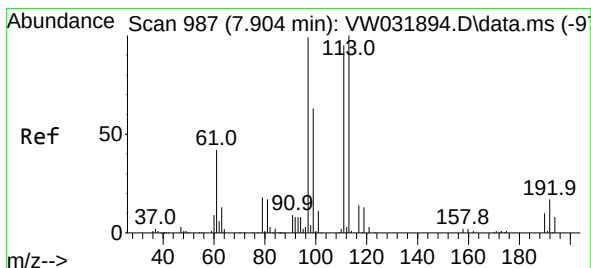
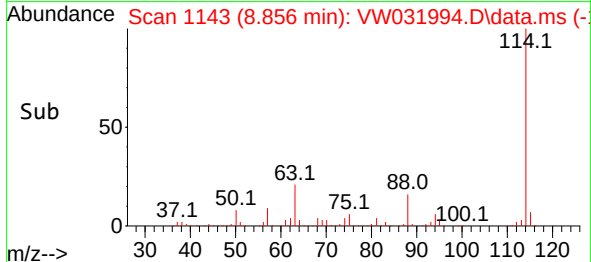
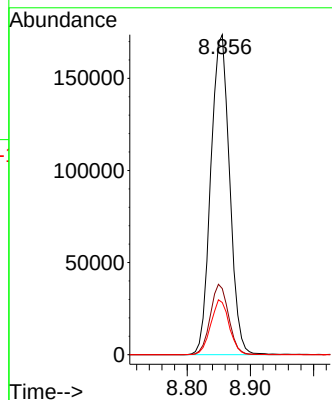
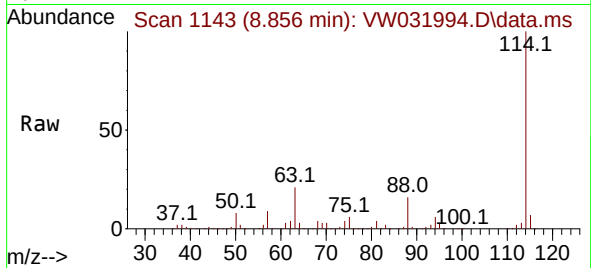




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

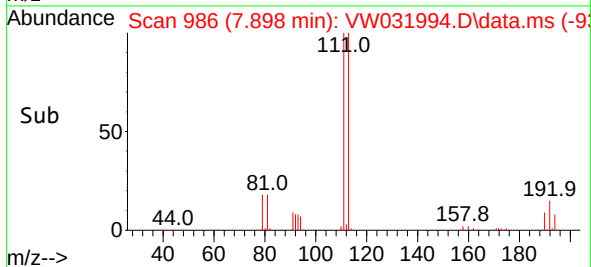
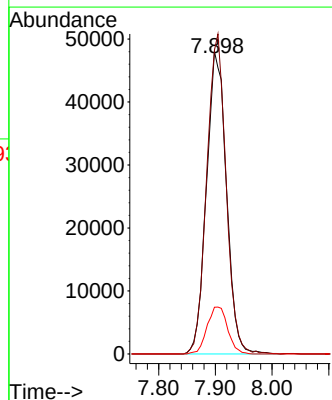
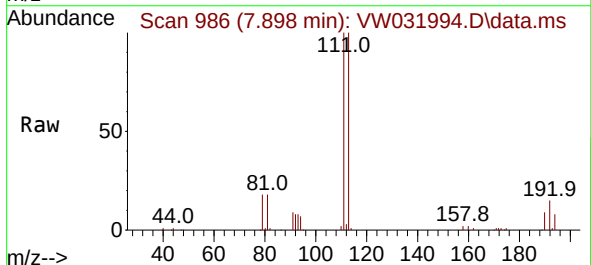
Instrument :
 MSVOA_W
 ClientSampleId :
 OU4-TS-GRILLO-TSCP01-073125RE

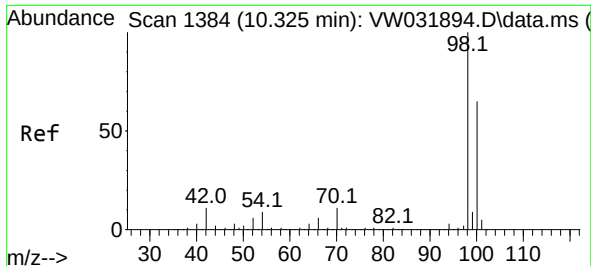
Tgt Ion:114 Resp: 358263
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.2
 88 16.3 0.0 35.6



#35
 Dibromofluoromethane
 Concen: 48.298 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

Tgt Ion:113 Resp: 117579
 Ion Ratio Lower Upper
 113 100
 111 102.3 79.9 119.9
 192 16.0 12.6 19.0

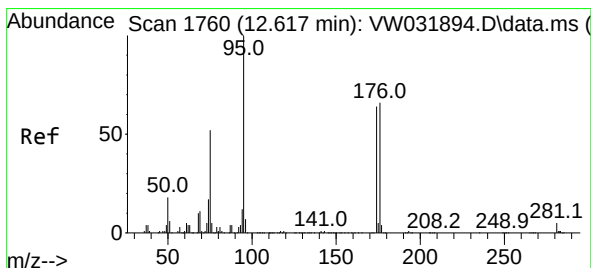
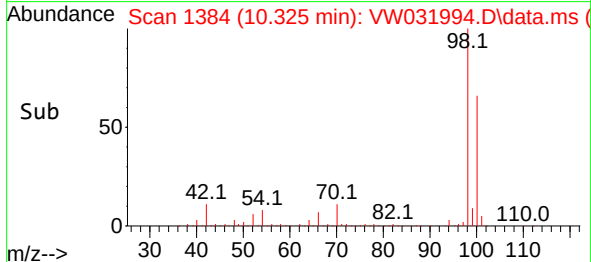
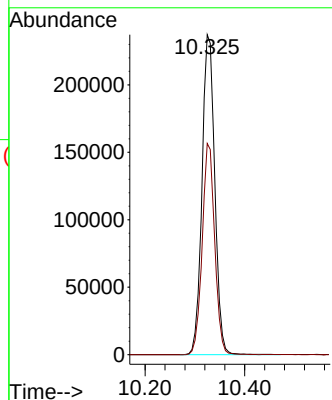
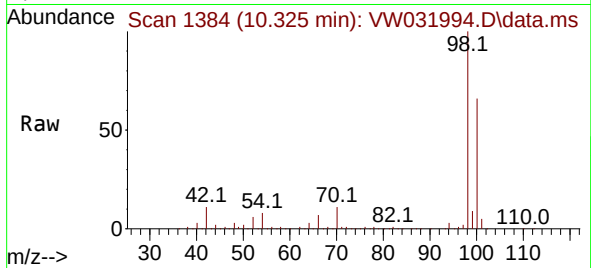




#50
Toluene-d8
Concen: 45.655 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

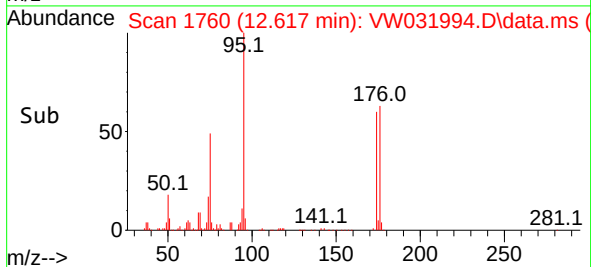
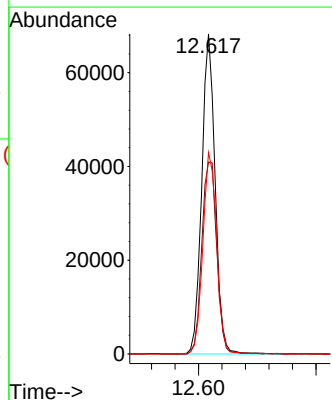
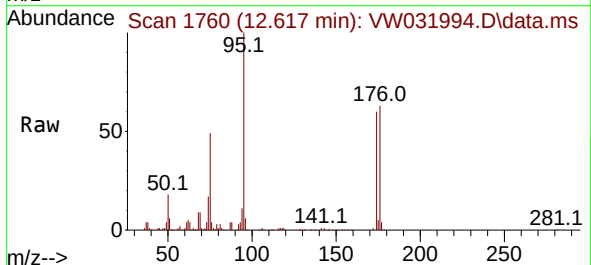
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125RE

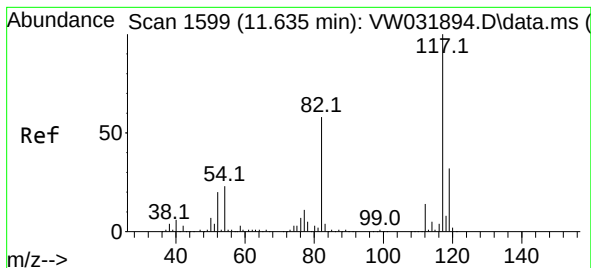
Tgt Ion: 98 Resp: 420651
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 30.518 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion: 95 Resp: 107969
Ion Ratio Lower Upper
95 100
174 67.3 0.0 129.8
176 64.9 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031994.D

Acq: 04 Aug 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

OU4-TS-GRILLO-TSCP01-073125RE

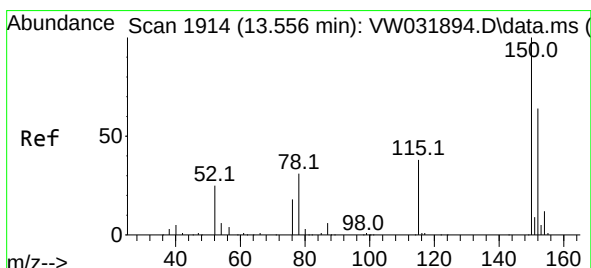
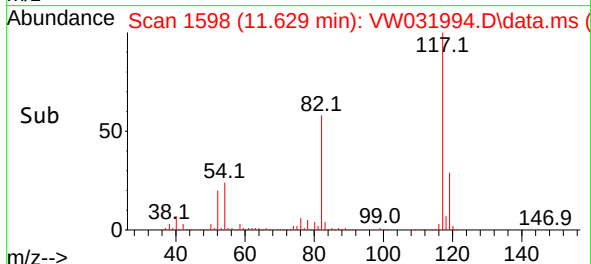
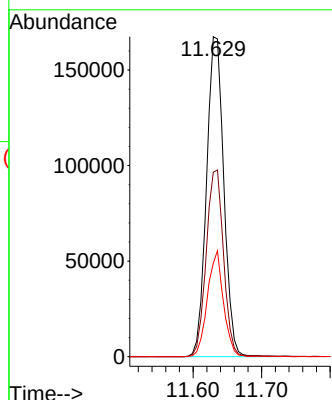
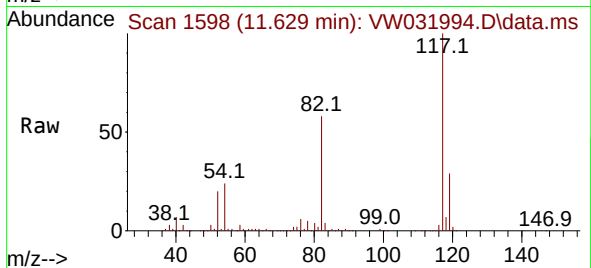
Tgt Ion:117 Resp: 293647

Ion Ratio Lower Upper

117 100

82 57.7 46.5 69.7

119 29.2 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031994.D

Acq: 04 Aug 2025 12:28

Tgt Ion:152 Resp: 92547

Ion Ratio Lower Upper

152 100

115 66.4 33.4 100.1

150 164.9 0.0 352.2

