

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032145.D
 Acq On : 26 Aug 2025 13:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 27 04:18:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	169758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	332476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	333559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	126595	52.145	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	104.280%
35) Dibromofluoromethane	7.898	113	113003	48.444	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.880%
50) Toluene-d8	10.325	98	383329	46.812	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.617	95	135400	44.716	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	89.440%

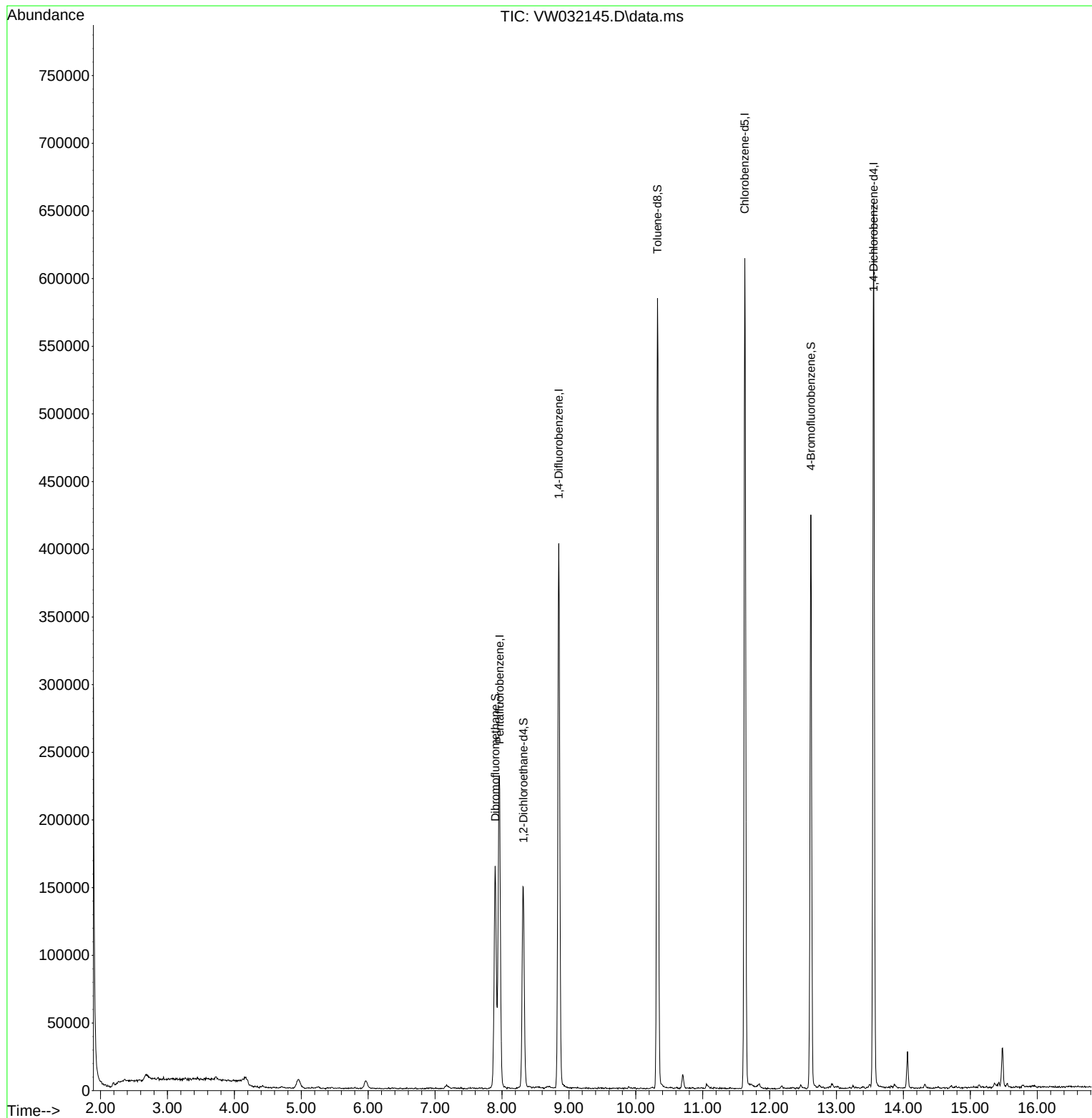
Target Compounds	Qvalue

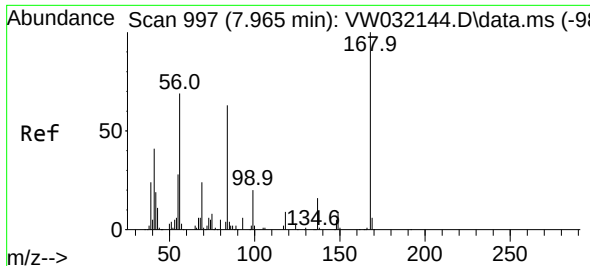
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032145.D
Acq On : 26 Aug 2025 13:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Aug 27 04:18:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

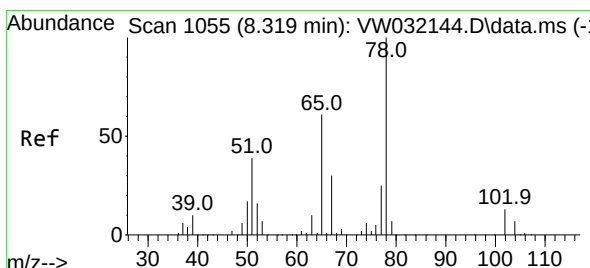
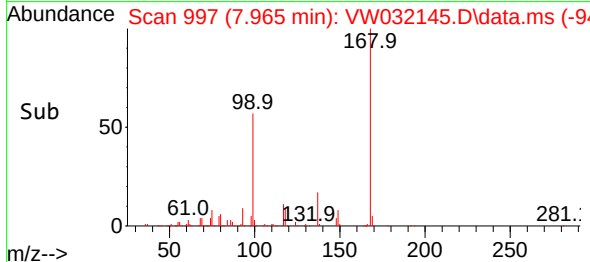
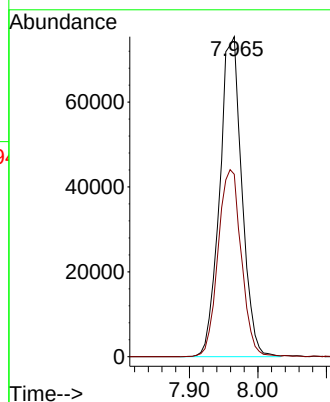
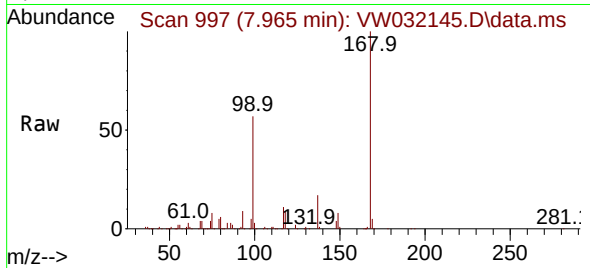




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

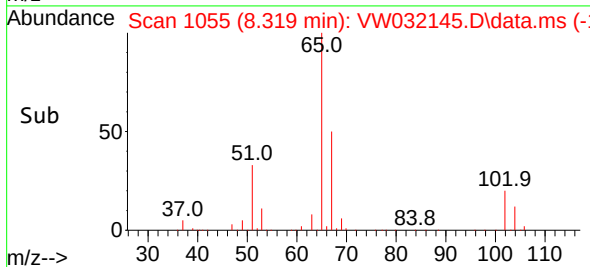
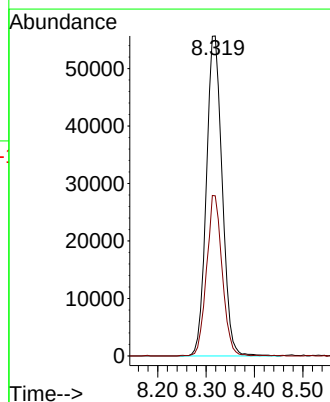
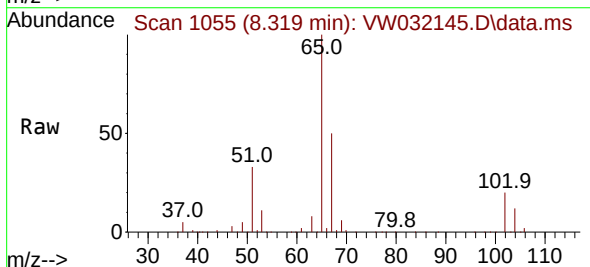
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

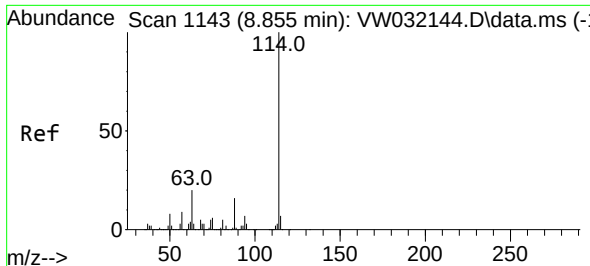
Tgt Ion:168 Resp: 169758
Ion Ratio Lower Upper
168 100
99 57.0 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 52.145 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

Tgt Ion: 65 Resp: 126595
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.6

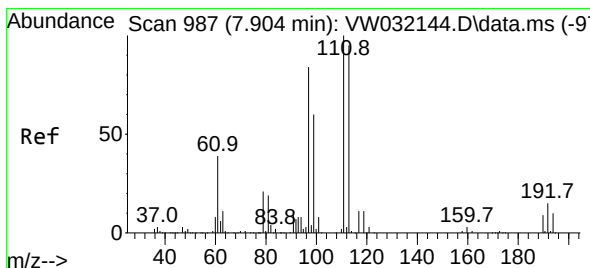
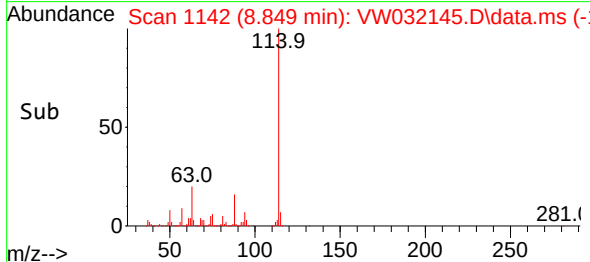
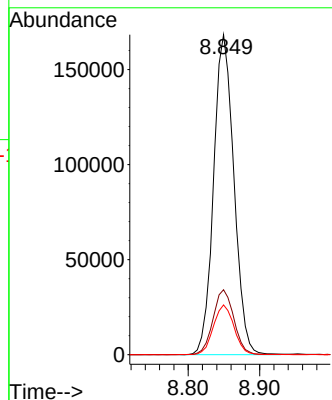
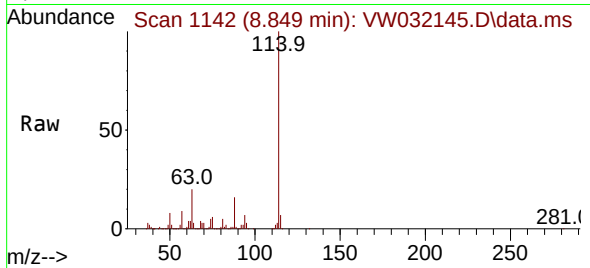




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

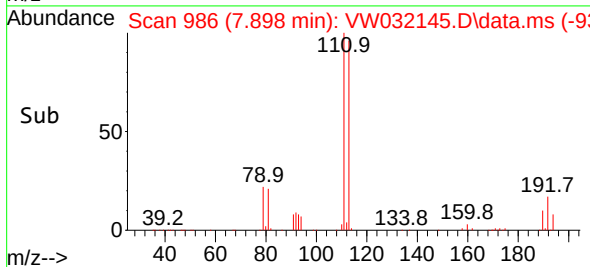
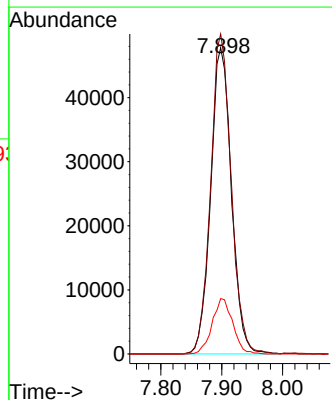
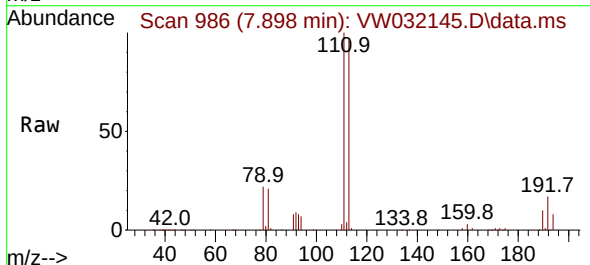
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

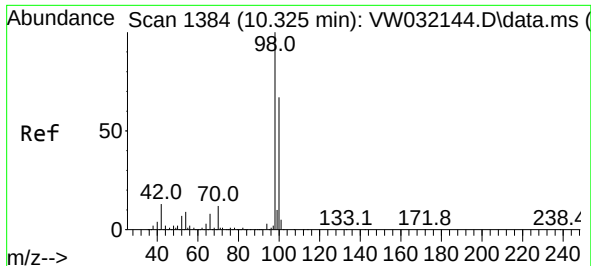
Tgt Ion:114 Resp: 332476
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.4
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

Tgt Ion:113 Resp: 113003
Ion Ratio Lower Upper
113 100
111 103.5 83.9 125.9
192 17.9 14.6 21.8

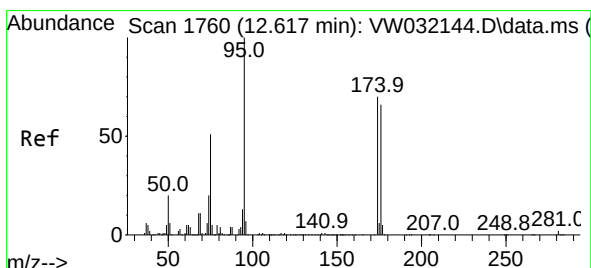
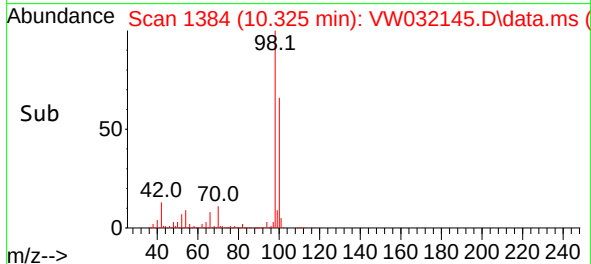
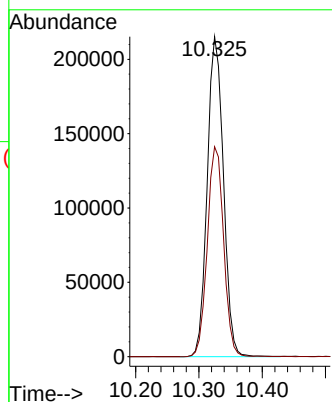
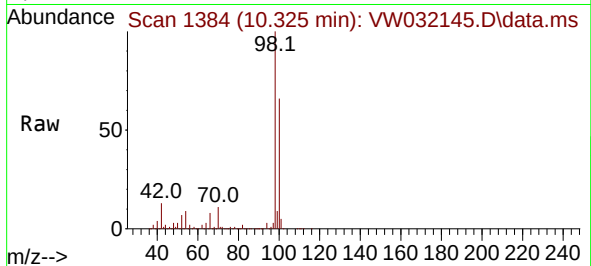




#50
Toluene-d8
Concen: 46.812 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

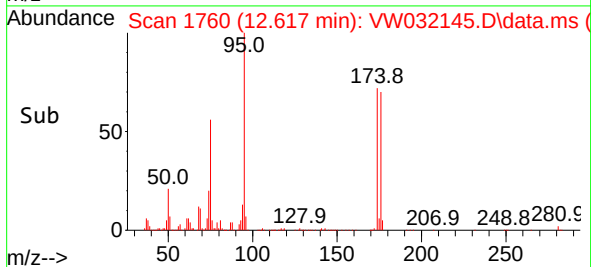
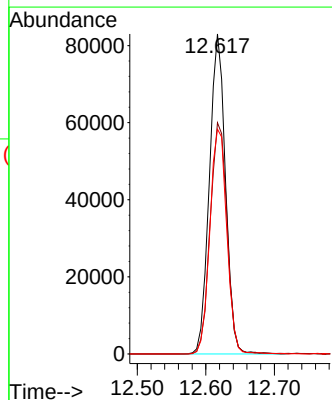
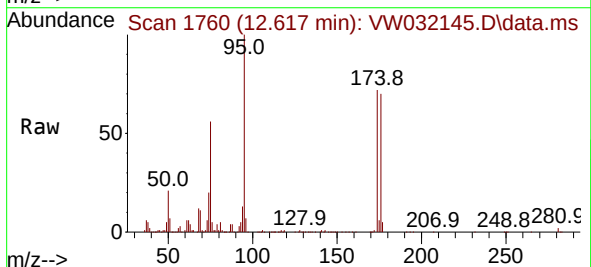
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

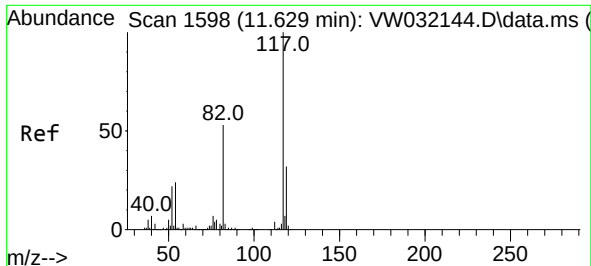
Tgt Ion: 98 Resp: 383329
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.716 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

Tgt Ion: 95 Resp: 135400
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.6
176 74.0 0.0 140.8

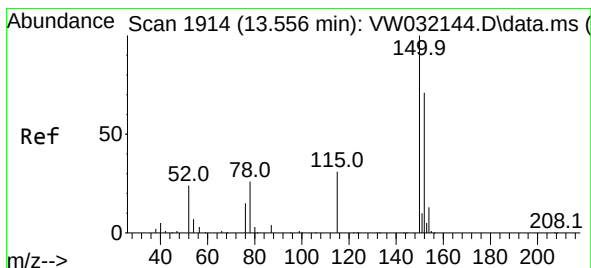
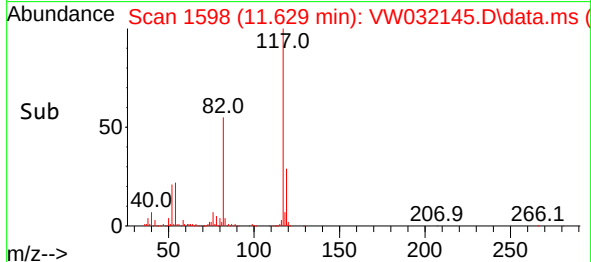
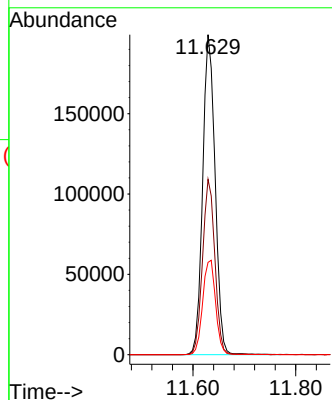
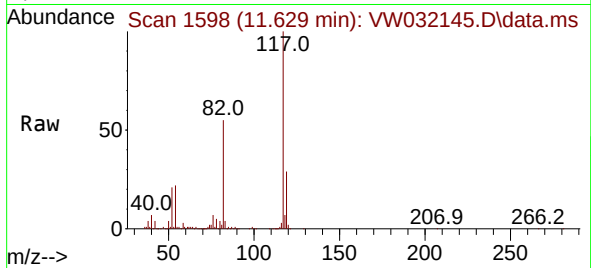




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 333559
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 28.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032145.D
Acq: 26 Aug 2025 13:02

Tgt Ion:152 Resp: 157277
Ion Ratio Lower Upper
152 100
115 62.1 31.8 95.4
150 162.0 0.0 343.0

