

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032005.D
 Acq On : 05 Aug 2025 10:08
 Operator : SY/MD
 Sample : VW0805SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBL01

Quant Time: Aug 06 03:51:12 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	172047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	368948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	129055	49.586	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.180%
35) Dibromofluoromethane	7.898	113	123146	49.120	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.240%
50) Toluene-d8	10.325	98	458172	48.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.617	95	160327	44.005	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.020%

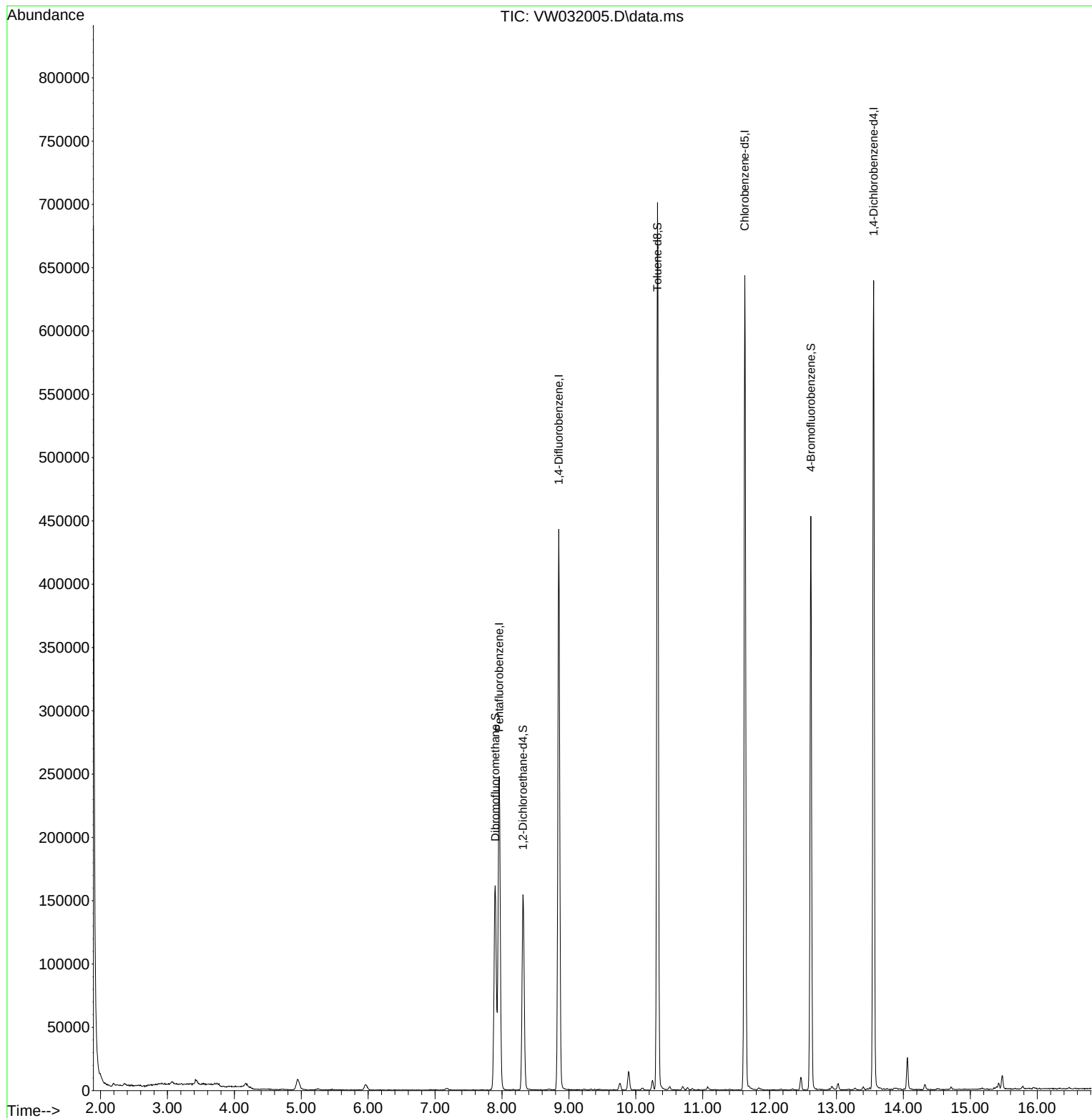
Target Compounds	Qvalue

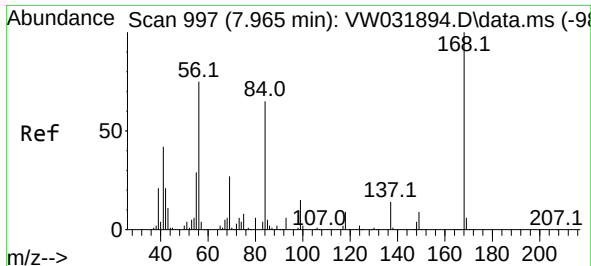
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032005.D
Acq On : 05 Aug 2025 10:08
Operator : SY/MD
Sample : VW0805SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

Quant Time: Aug 06 03:51:12 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

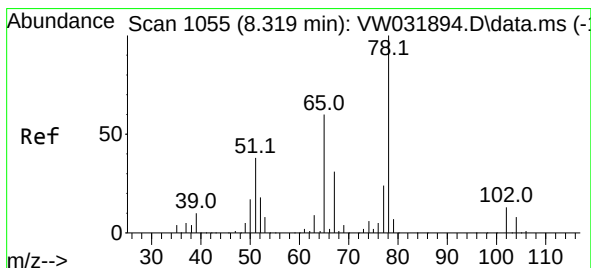
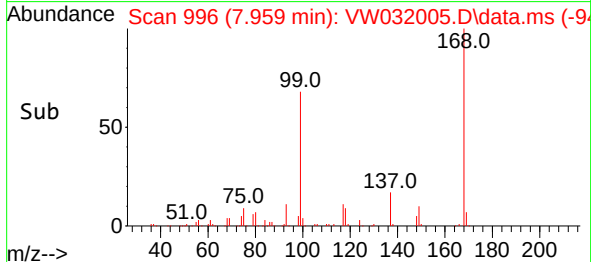
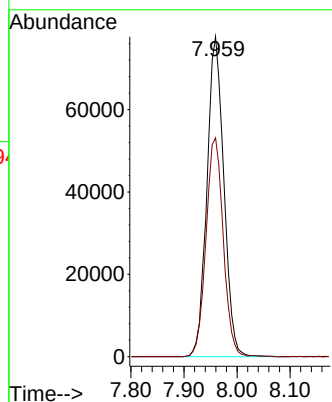
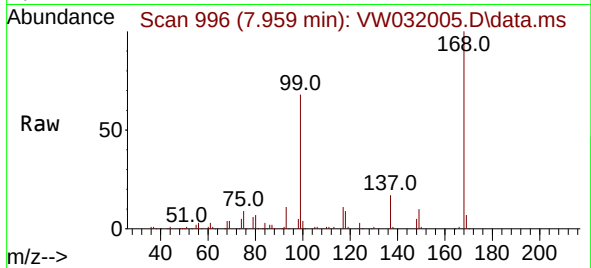




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

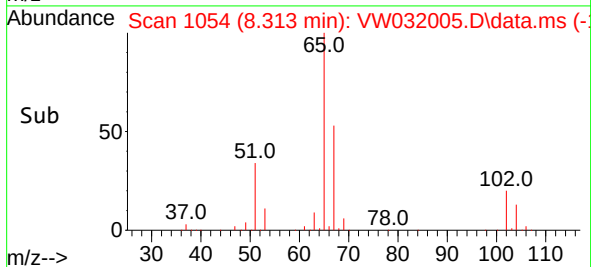
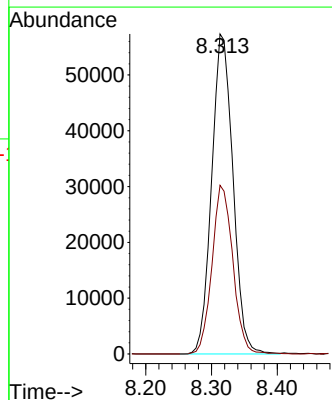
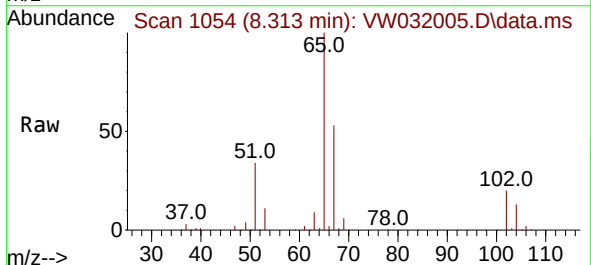
Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

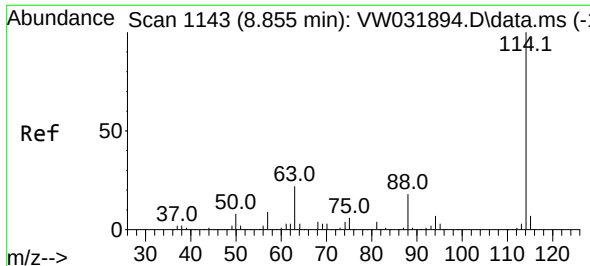
Tgt Ion:168 Resp: 172047
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 49.586 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion: 65 Resp: 129055
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4

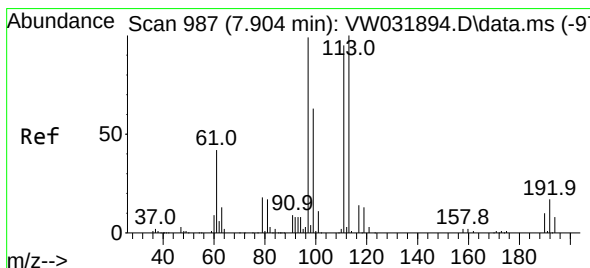
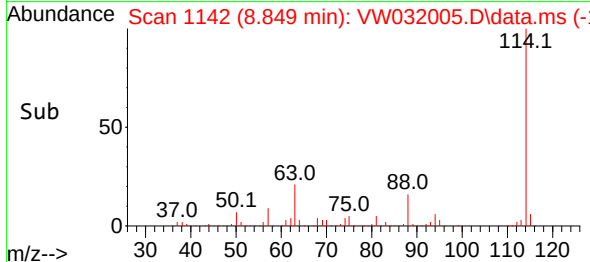
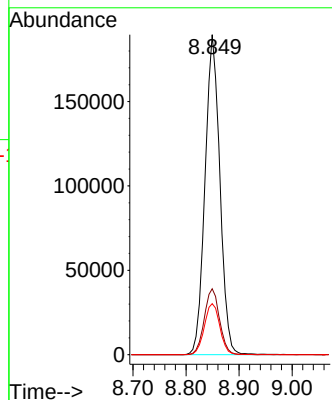
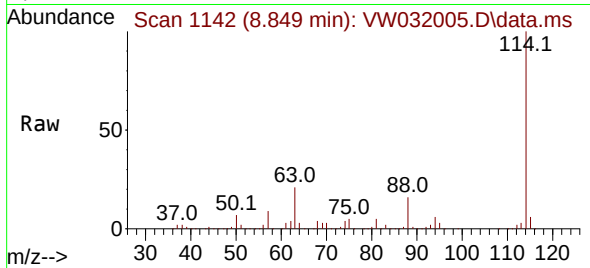




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1143
 Delta R.T. -0.006 min
 Lab File: VW032005.D
 Acq: 05 Aug 2025 10:08

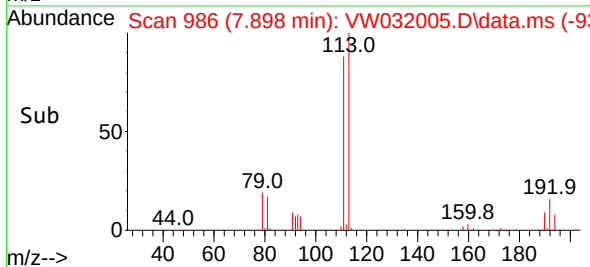
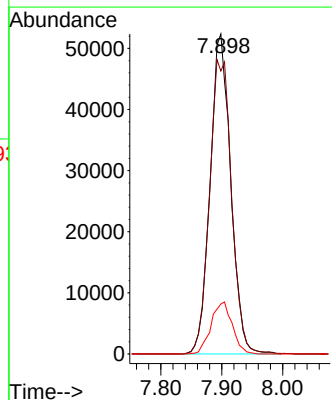
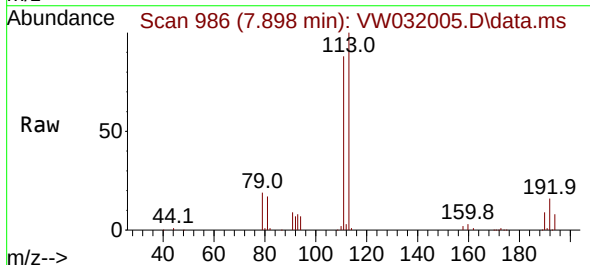
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBL01

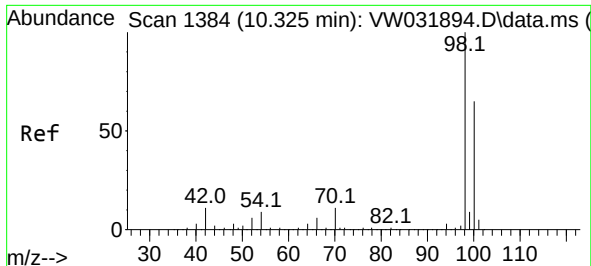
Tgt Ion:114 Resp: 368948
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.2
 88 15.9 0.0 35.6



#35
 Dibromofluoromethane
 Concen: 49.120 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032005.D
 Acq: 05 Aug 2025 10:08

Tgt Ion:113 Resp: 123146
 Ion Ratio Lower Upper
 113 100
 111 98.8 79.9 119.9
 192 16.7 12.6 19.0

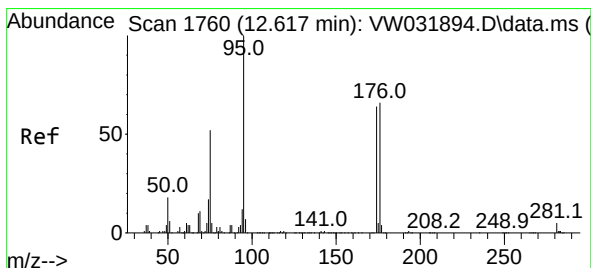
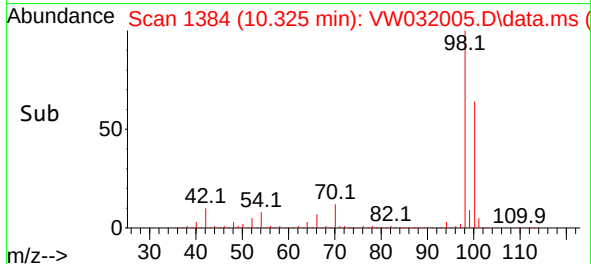
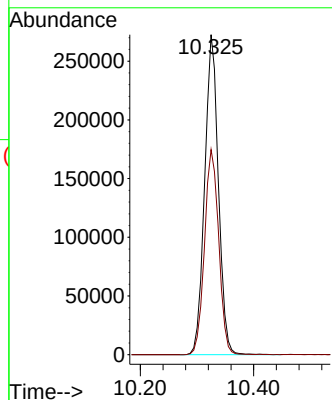
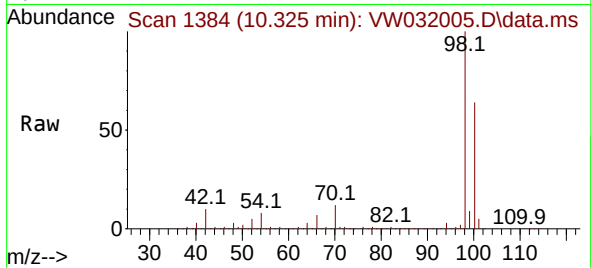




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

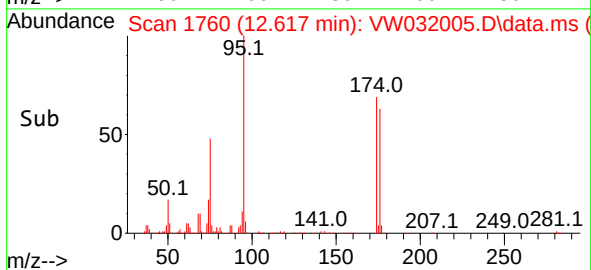
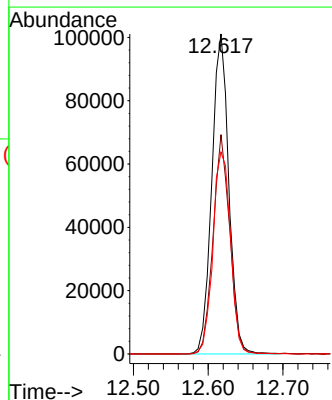
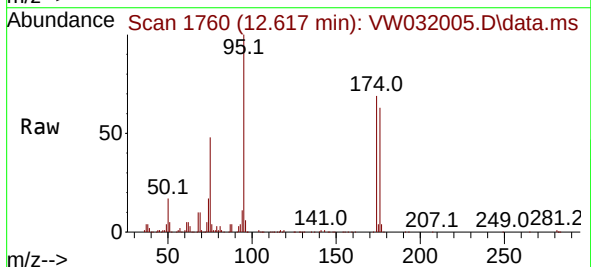
Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

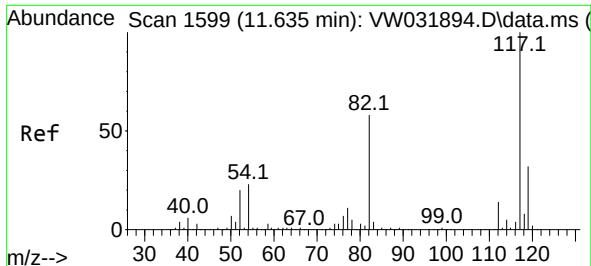
Tgt Ion: 98 Resp: 458172
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.005 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion: 95 Resp: 160327
Ion Ratio Lower Upper
95 100
174 66.9 0.0 129.8
176 65.3 0.0 130.4

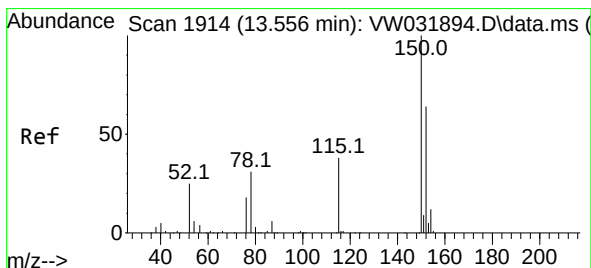
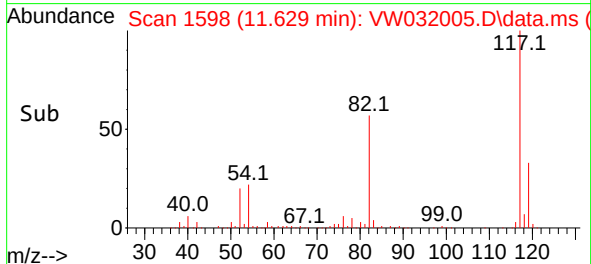
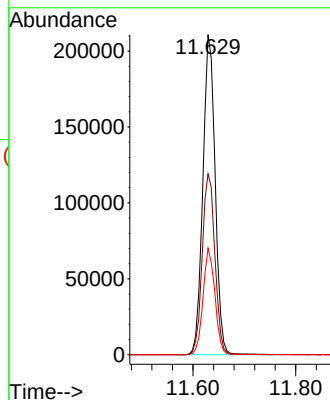
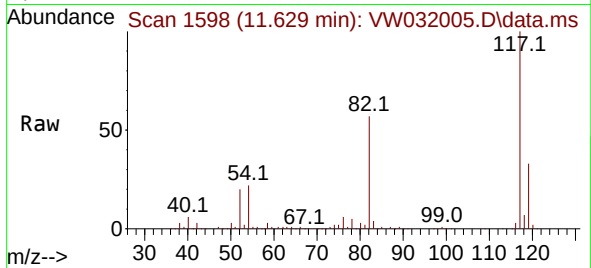




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

Tgt Ion:117 Resp: 349230
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 33.3 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: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion:152 Resp: 163635
Ion Ratio Lower Upper
152 100
115 64.2 33.4 100.1
150 159.4 0.0 352.2

