

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031832.D
 Acq On : 11 Jul 2025 19:50
 Operator : SY/MD
 Sample : Q2565-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0194-0195

Quant Time: Jul 11 22:54:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

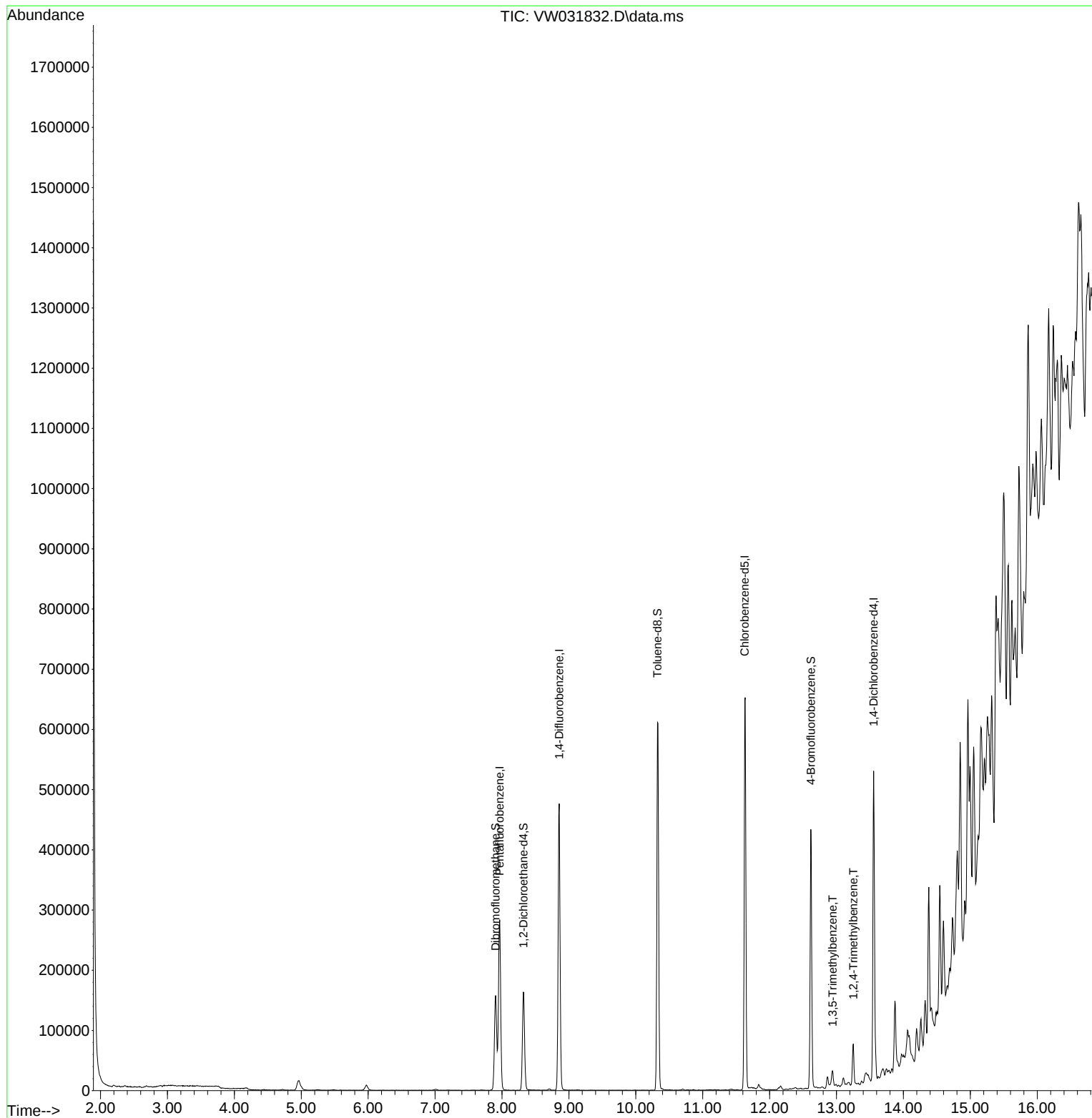
Internal Standards						
1) Pentafluorobenzene	7.965	168	189455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	391172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	129703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136577	50.233	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	100.460%
35) Dibromofluoromethane	7.904	113	115927	45.416	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.840%
50) Toluene-d8	10.325	98	425761	44.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.617	95	152992	43.766	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	87.540%
Target Compounds						
						Qvalue
80) 1,3,5-Trimethylbenzene	12.940	105	9169	1.123	ug/l	99
84) 1,2,4-Trimethylbenzene	13.251	105	38954	4.708	ug/l	95

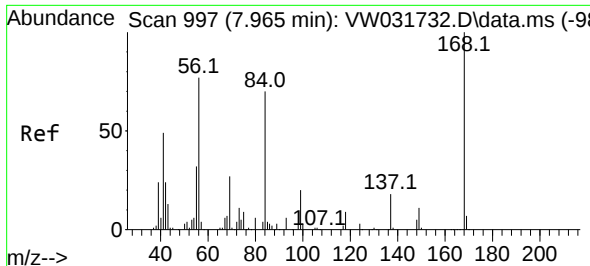
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031832.D
Acq On : 11 Jul 2025 19:50
Operator : SY/MD
Sample : Q2565-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0194-0195

Quant Time: Jul 11 22:54:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

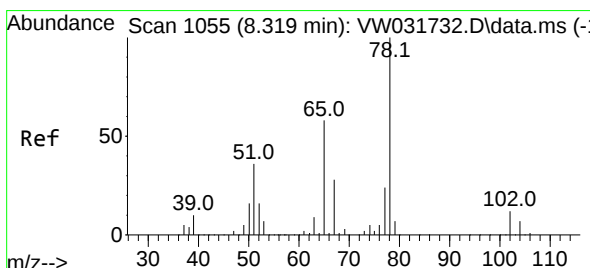
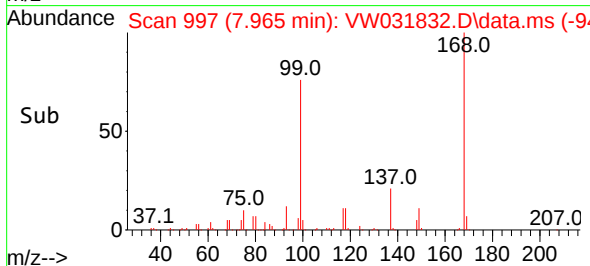
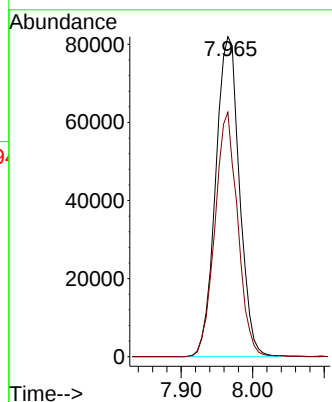
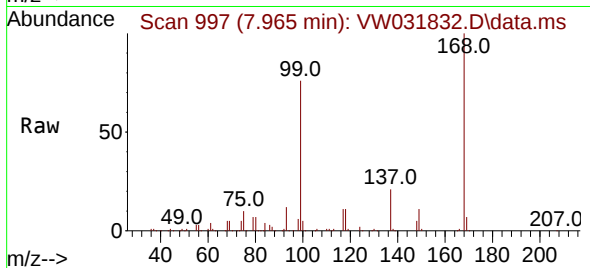




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

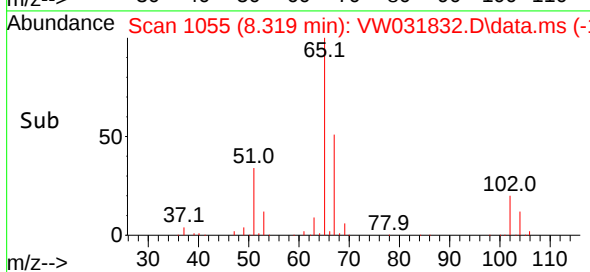
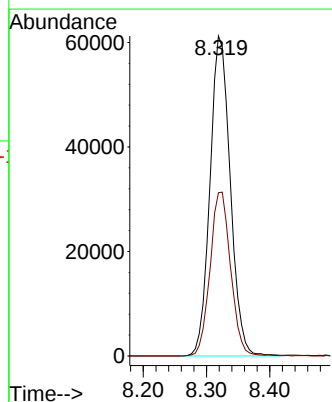
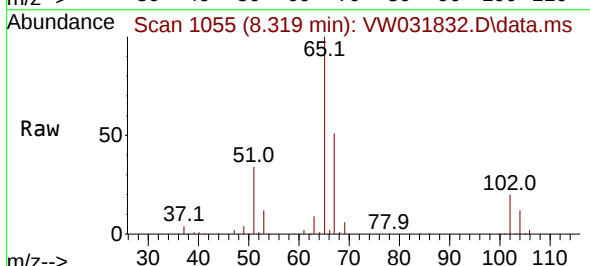
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0194-0195

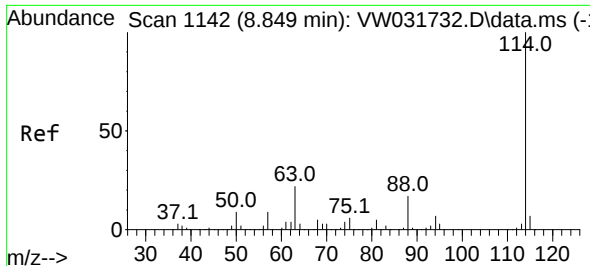
Tgt Ion:168 Resp: 189455
Ion Ratio Lower Upper
168 100
99 76.4 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 50.233 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion: 65 Resp: 136577
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

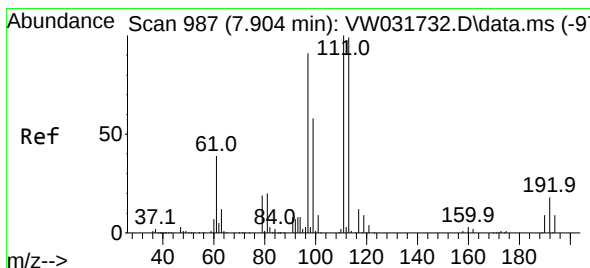
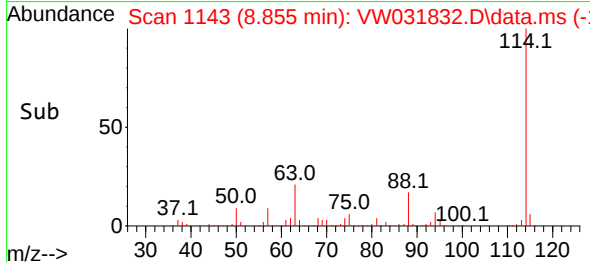
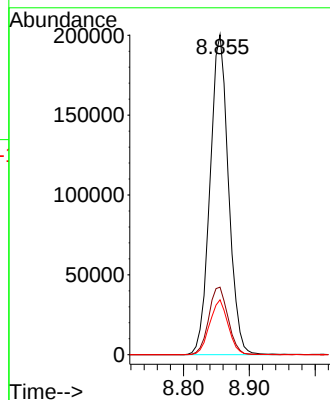
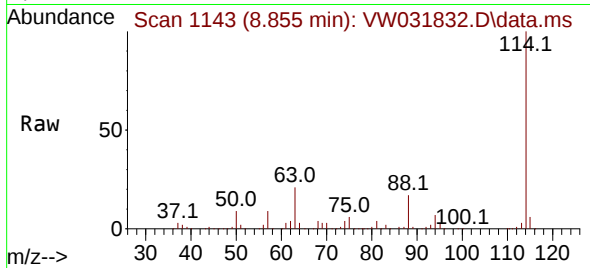




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

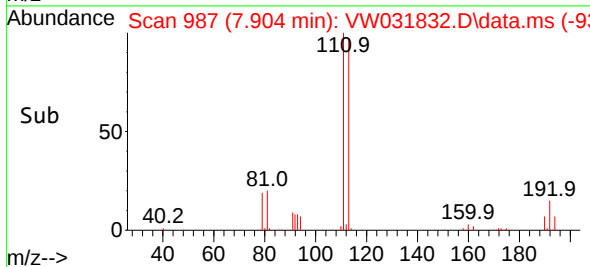
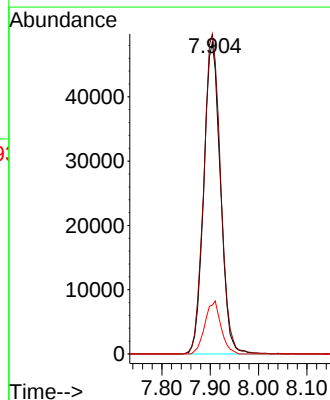
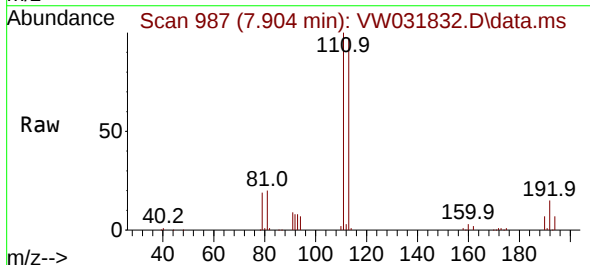
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0194-0195

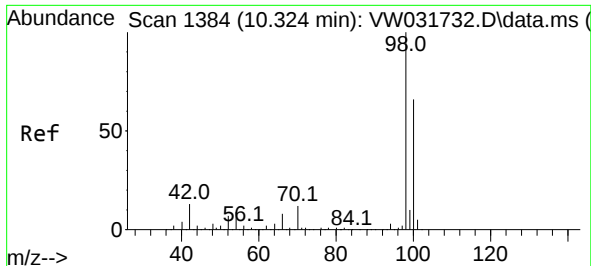
Tgt Ion:114 Resp: 391172
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 45.416 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion:113 Resp: 115927
Ion Ratio Lower Upper
113 100
111 104.0 82.1 123.1
192 16.4 13.8 20.6

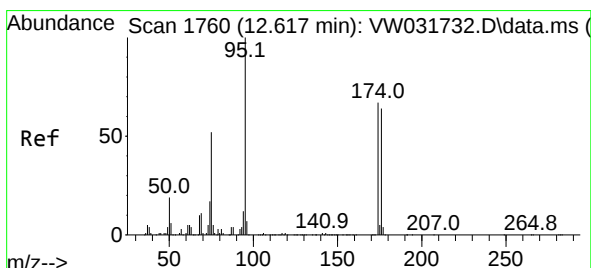
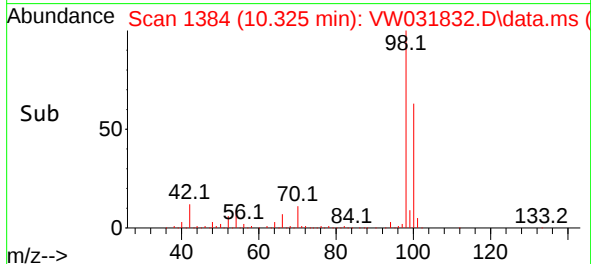
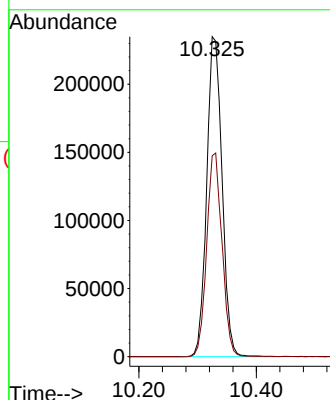
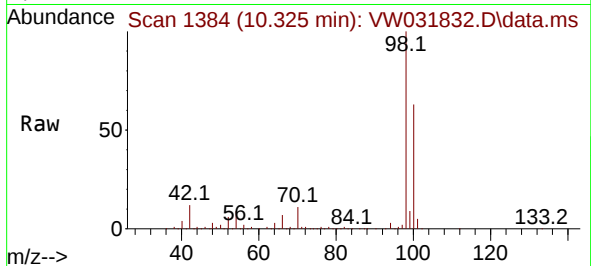




#50
Toluene-d8
Concen: 44.821 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

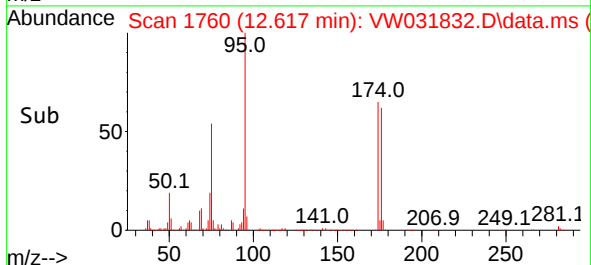
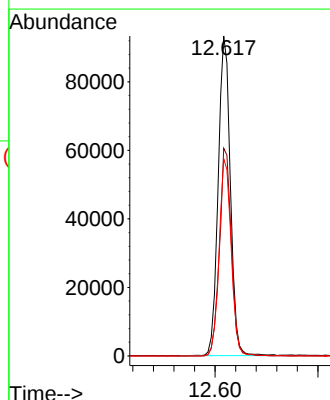
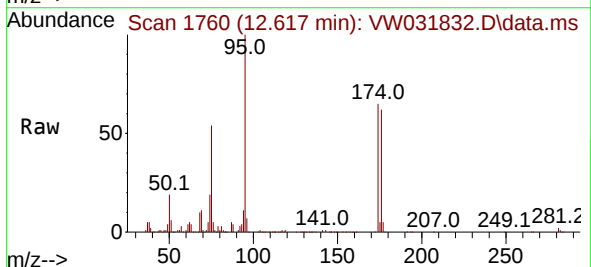
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0194-0195

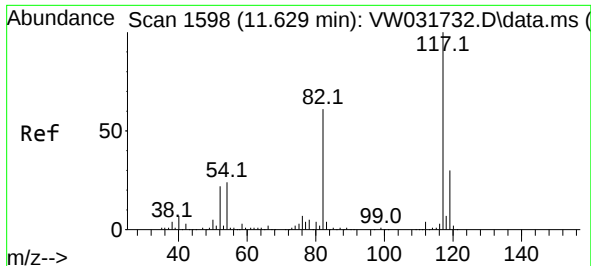
Tgt Ion: 98 Resp: 425761
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.766 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion: 95 Resp: 152992
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 61.2 0.0 126.0

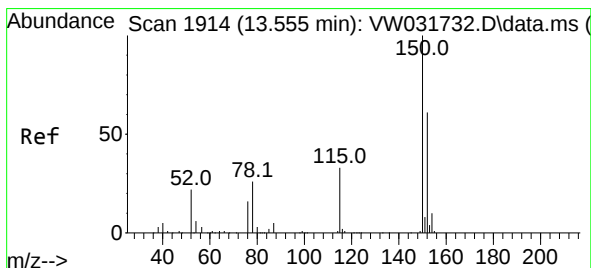
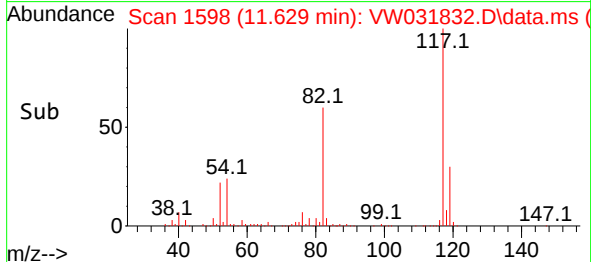
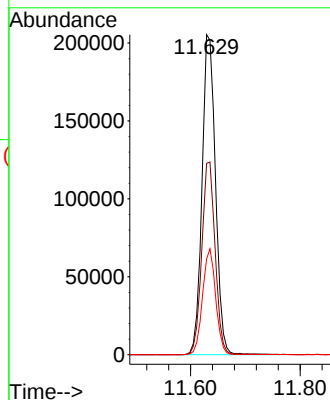
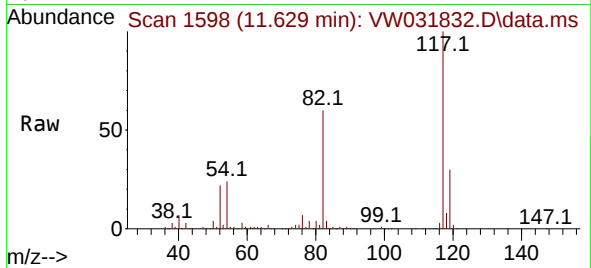




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

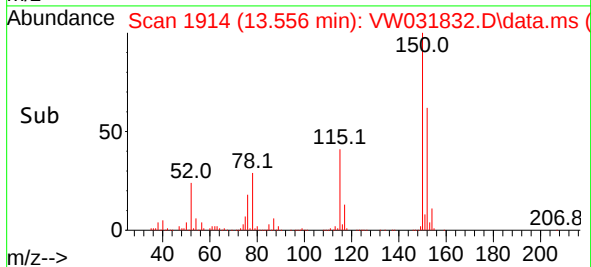
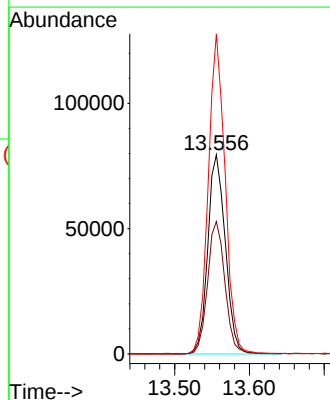
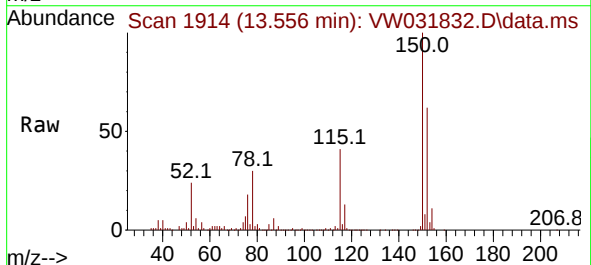
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0194-0195

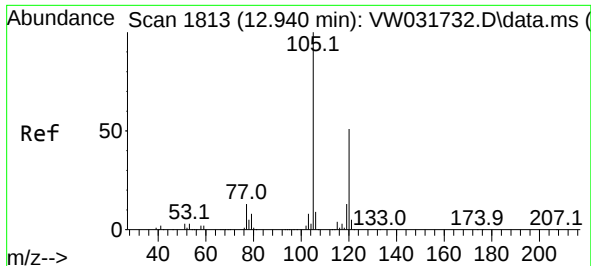
Tgt Ion:117 Resp: 349744
Ion Ratio Lower Upper
117 100
82 59.8 48.6 72.8
119 29.9 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion:152 Resp: 129703
Ion Ratio Lower Upper
152 100
115 65.5 31.9 95.7
150 154.3 0.0 356.4

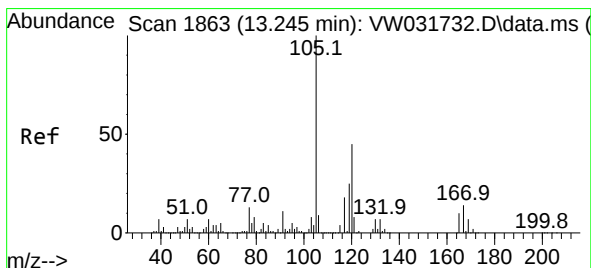
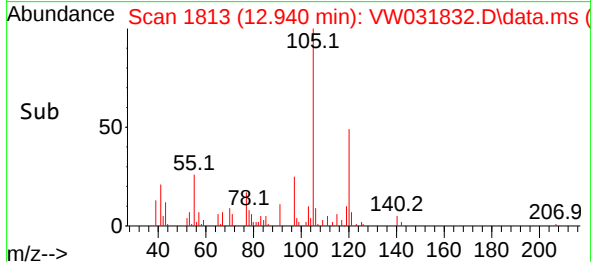
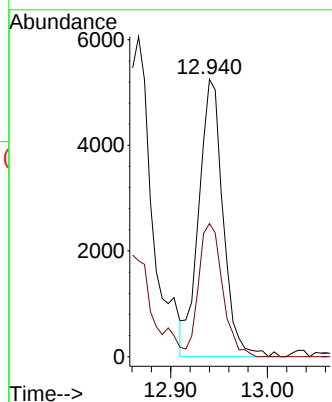
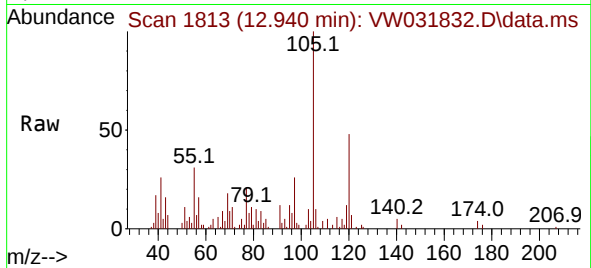




#80
 1,3,5-Trimethylbenzene
 Concen: 1.123 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0194-0195

Tgt Ion:105 Resp: 9169
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 4.708 ug/l
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

Tgt Ion:105 Resp: 38954
 Ion Ratio Lower Upper
 105 100
 120 40.9 22.1 66.1

