

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032461.D
 Acq On : 17 Nov 2025 16:23
 Operator : SY/MD
 Sample : Q3646-01
 Misc : 6.70g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-11142025

Quant Time: Nov 18 03:06:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

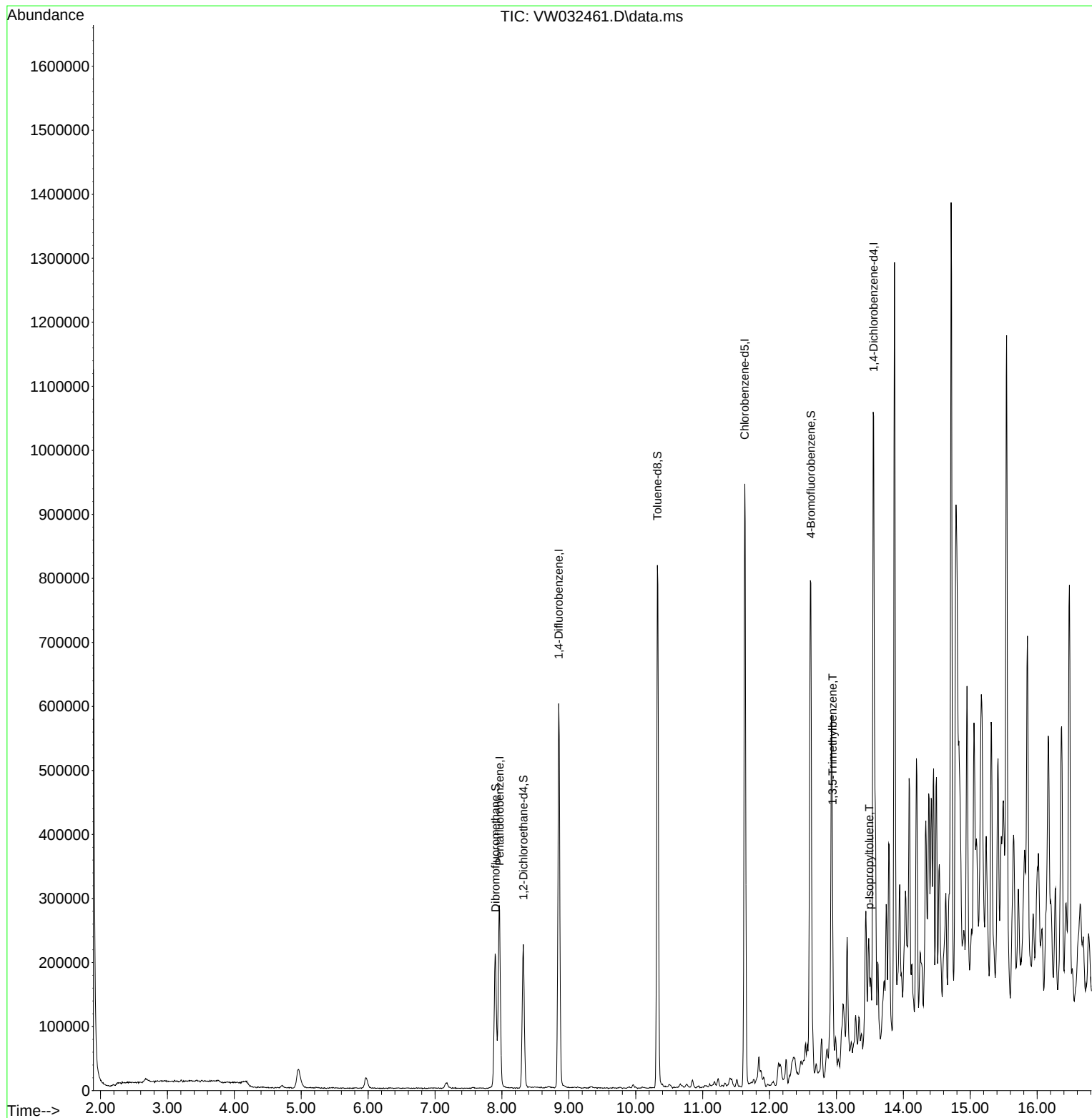
Internal Standards						
1) Pentafluorobenzene	7.965	168	197381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	490674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	516270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	240793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	176251	69.262	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 138.520%		
35) Dibromofluoromethane	7.904	113	158354	53.903	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 107.800%		
50) Toluene-d8	10.325	98	541229	48.023	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.040%		
62) 4-Bromofluorobenzene	12.617	95	224198	52.660	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 105.320%		
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.940	105	70990	4.866	ug/l	99
86) p-Isopropyltoluene	13.489	119	25013	1.603	ug/l	94

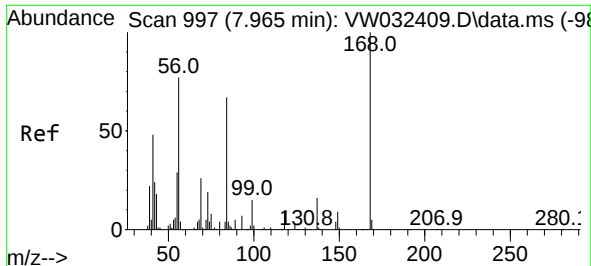
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032461.D
Acq On : 17 Nov 2025 16:23
Operator : SY/MD
Sample : Q3646-01
Misc : 6.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

Quant Time: Nov 18 03:06:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

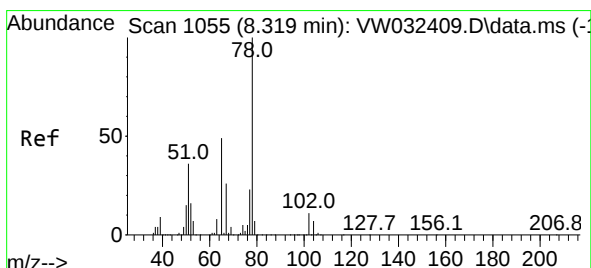
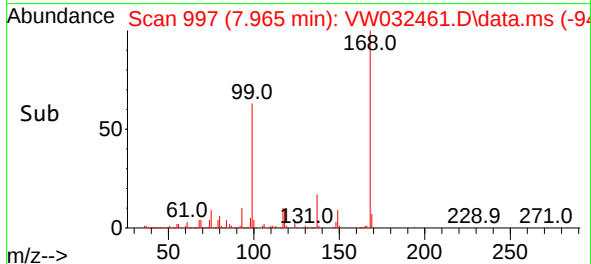
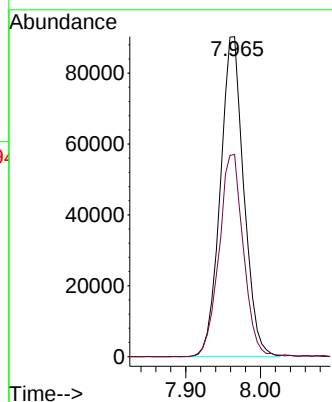
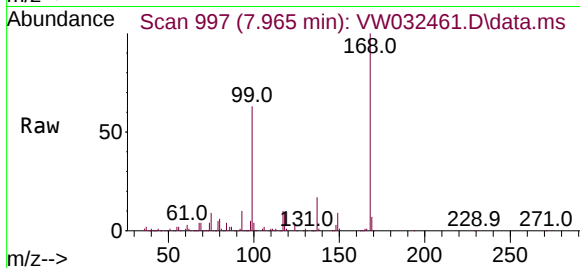




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

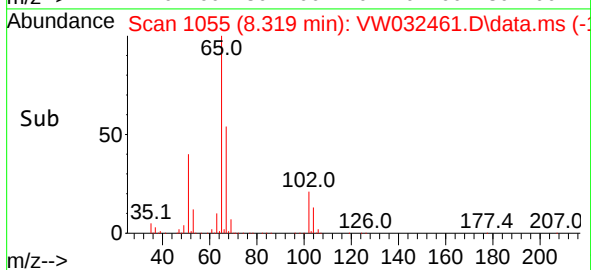
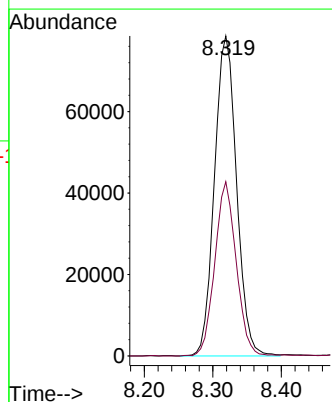
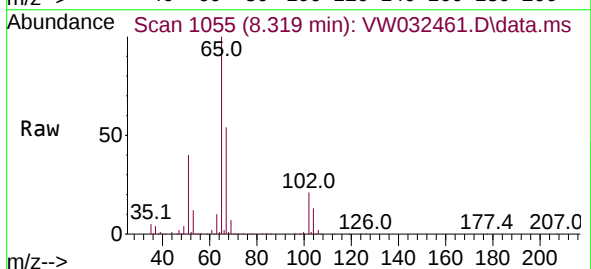
Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

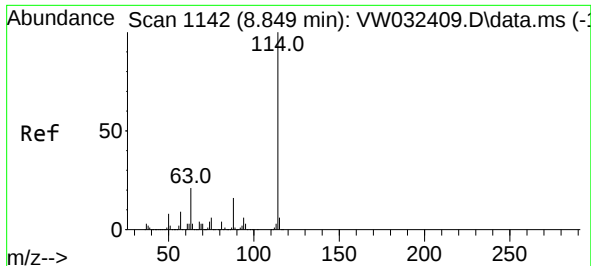
Tgt Ion:168 Resp: 197381
Ion Ratio Lower Upper
168 100
99 63.2 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 69.262 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

Tgt Ion: 65 Resp: 176251
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

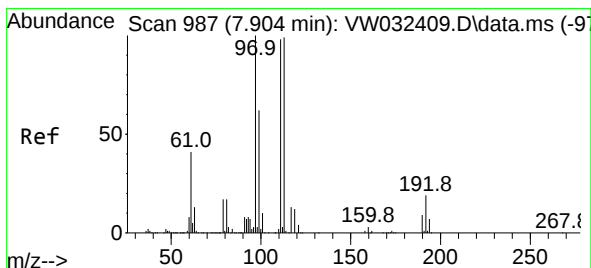
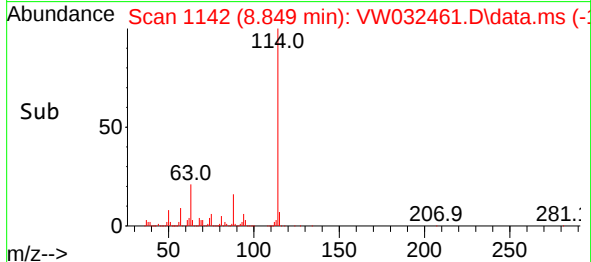
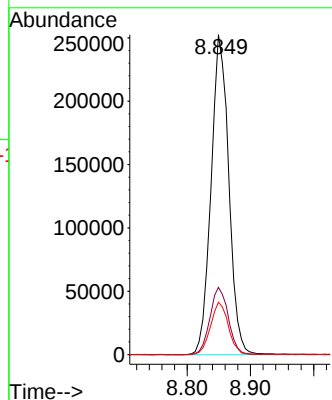
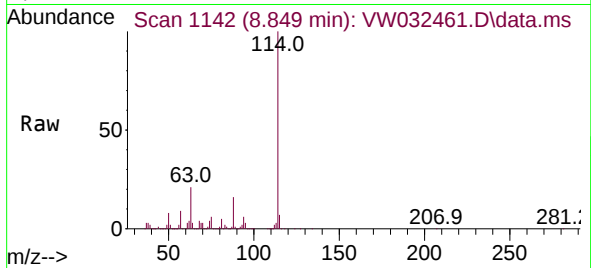




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

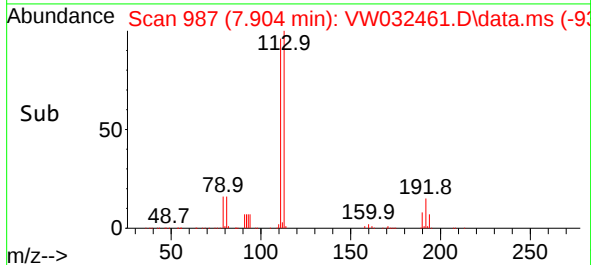
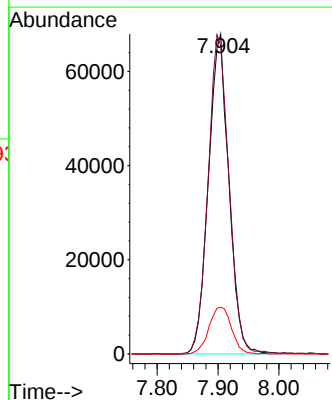
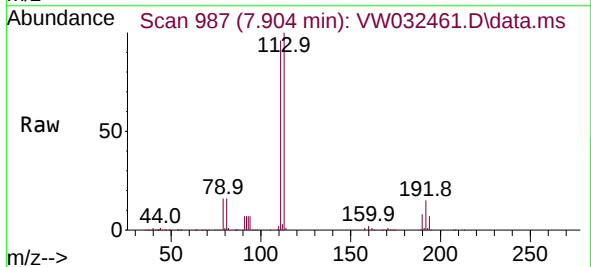
Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

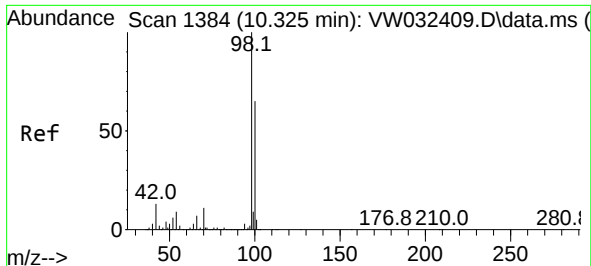
Tgt Ion:114 Resp: 490674
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.8
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.903 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

Tgt Ion:113 Resp: 158354
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.1 13.4 20.2

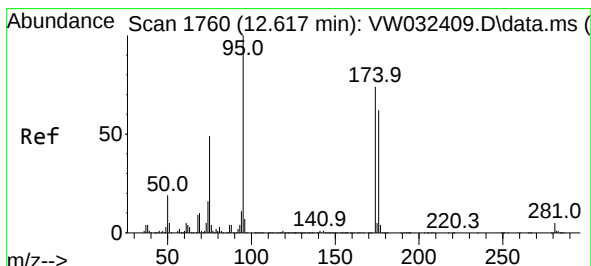
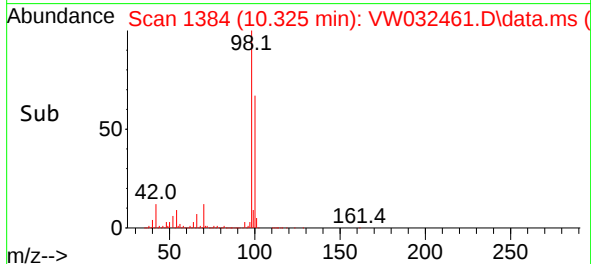
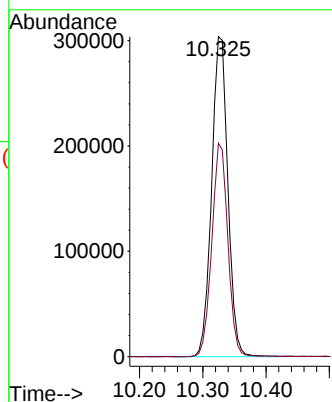
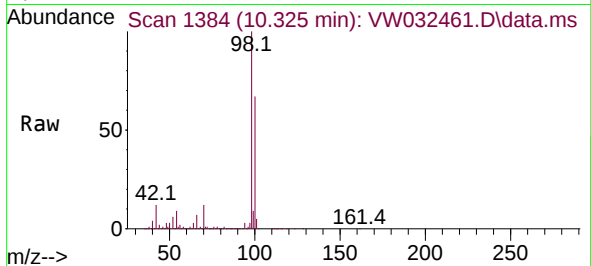




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

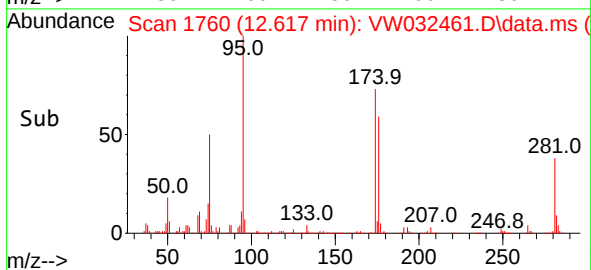
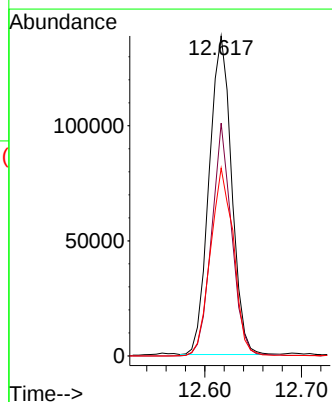
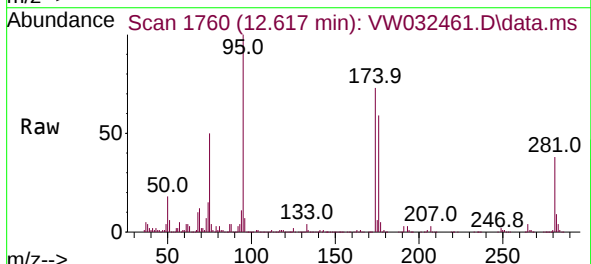
Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

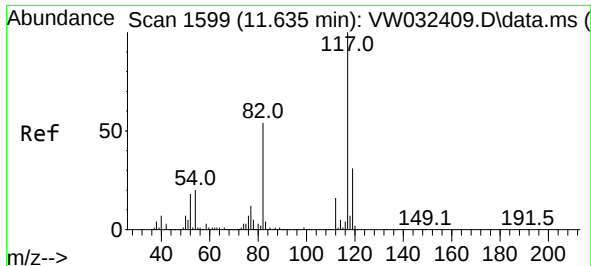
Tgt Ion: 98 Resp: 541229
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.660 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

Tgt Ion: 95 Resp: 224198
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.4
176 60.5 0.0 131.8

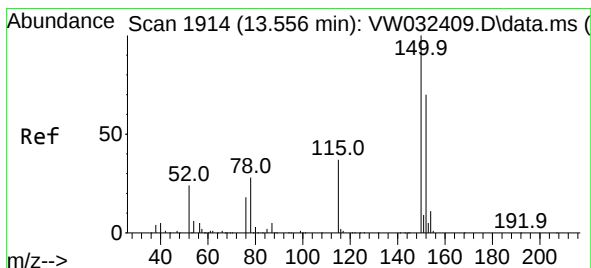
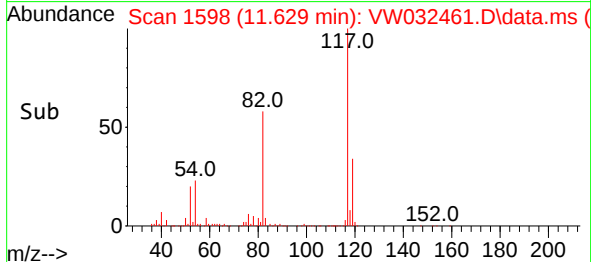
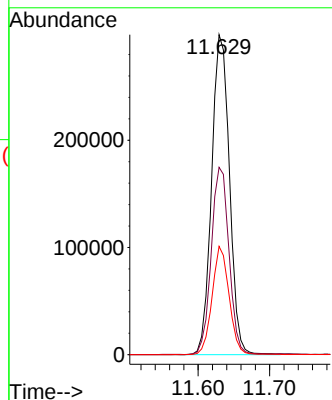
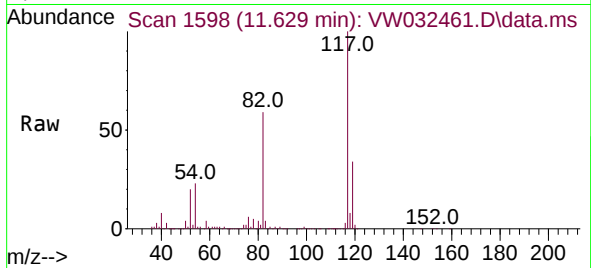




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

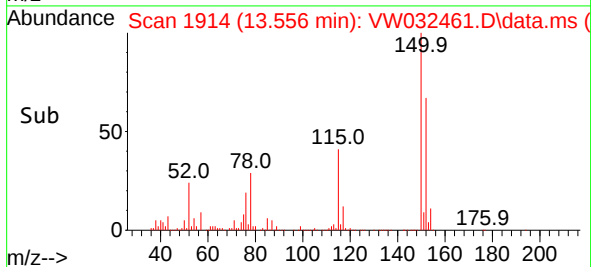
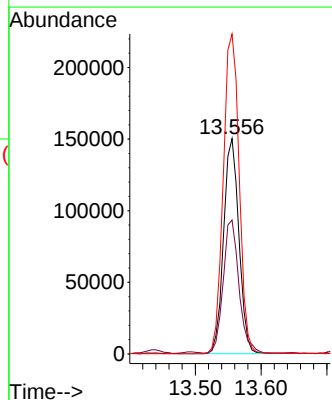
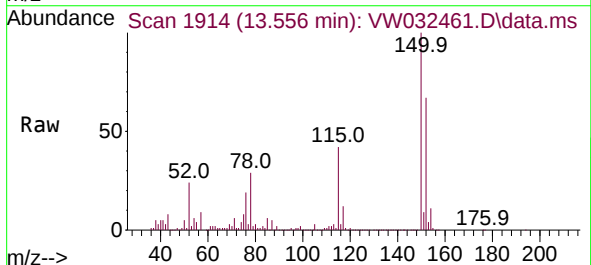
Instrument :
MSVOA_W
ClientSampleId :
SU-03-11142025

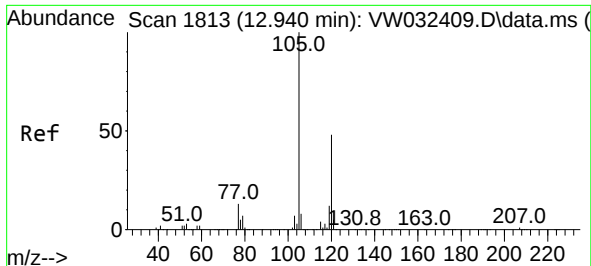
Tgt Ion:117 Resp: 516270
Ion Ratio Lower Upper
117 100
82 58.4 43.0 64.4
119 33.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032461.D
Acq: 17 Nov 2025 16:23

Tgt Ion:152 Resp: 240793
Ion Ratio Lower Upper
152 100
115 64.2 32.8 98.3
150 155.3 0.0 356.6

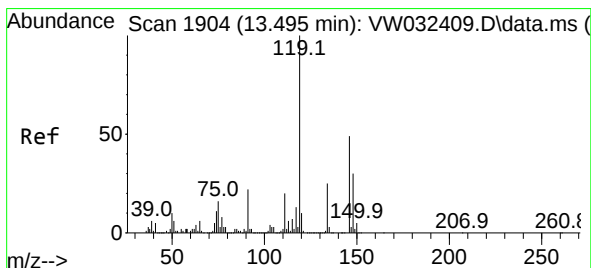
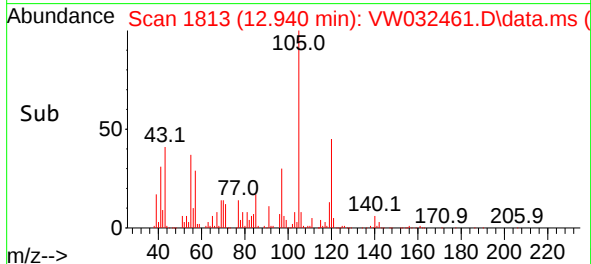
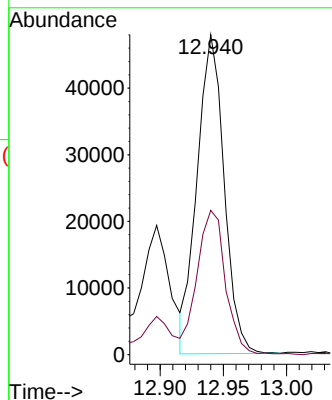
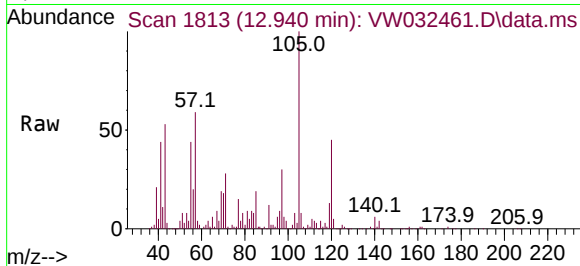




#80
 1,3,5-Trimethylbenzene
 Concen: 4.866 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW032461.D
 Acq: 17 Nov 2025 16:23

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-11142025

Tgt Ion:105 Resp: 70990
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.2 72.6



#86
 p-Isopropyltoluene
 Concen: 1.603 ug/l
 RT: 13.489 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW032461.D
 Acq: 17 Nov 2025 16:23

Tgt Ion:119 Resp: 25013
 Ion Ratio Lower Upper
 119 100
 134 28.5 12.7 38.1
 91 26.1 11.9 35.5

