

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032121.D
 Acq On : 22 Aug 2025 19:02
 Operator : SY/MD
 Sample : Q2941-01
 Misc : 6.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP(1-2)

Quant Time: Aug 25 04:01:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

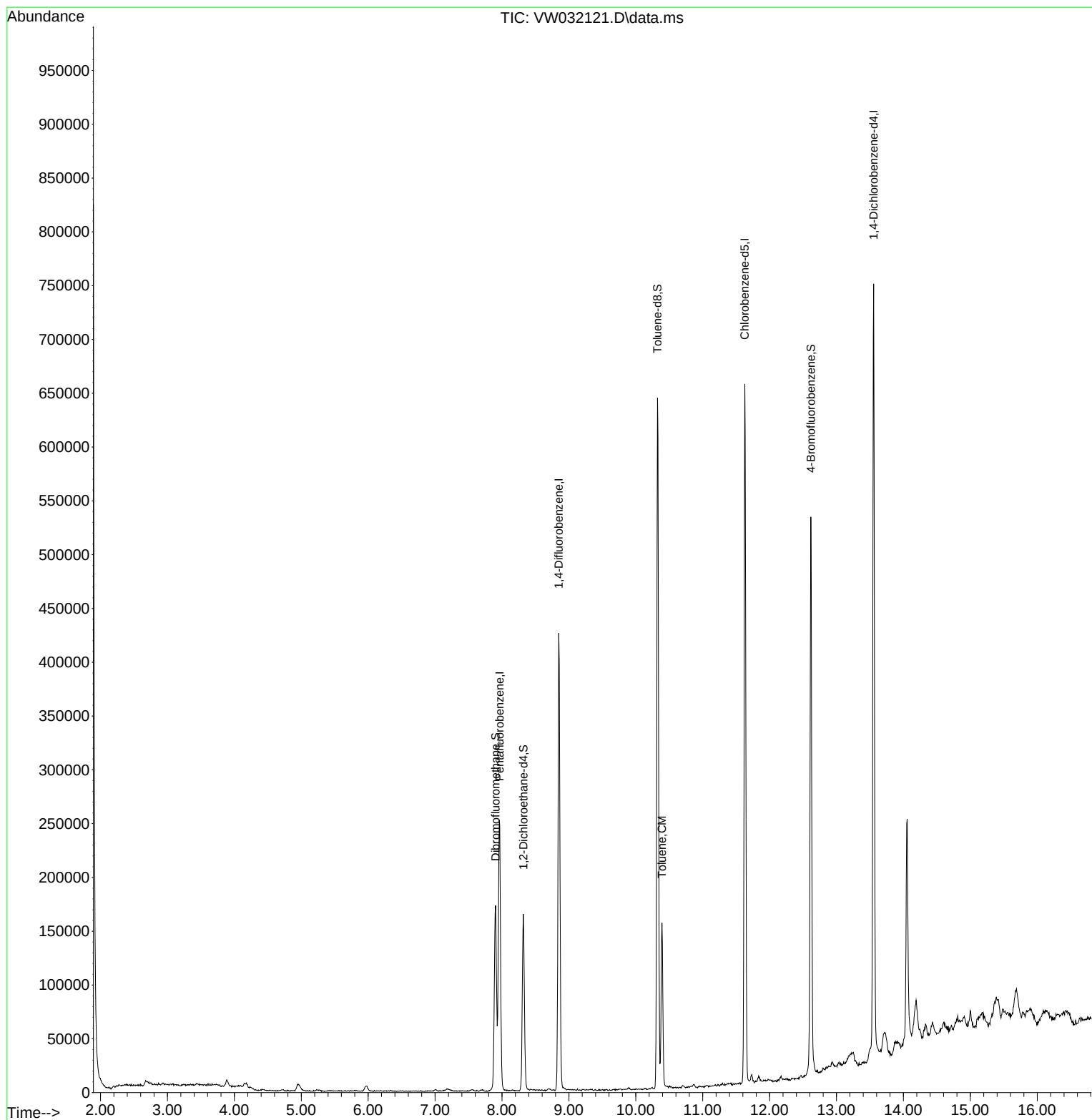
Internal Standards						
1) Pentafluorobenzene	7.965	168	179471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	349264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	177790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133163	51.302	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 102.600%		
35) Dibromofluoromethane	7.904	113	119487	52.955	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 105.920%		
50) Toluene-d8	10.324	98	422427	50.616	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.240%		
62) 4-Bromofluorobenzene	12.617	95	169750	55.194	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 110.380%		
Target Compounds						
52) Toluene	10.391	92	66925	10.746	ug/l	Qvalue 98

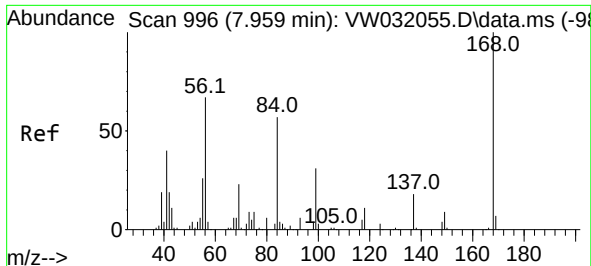
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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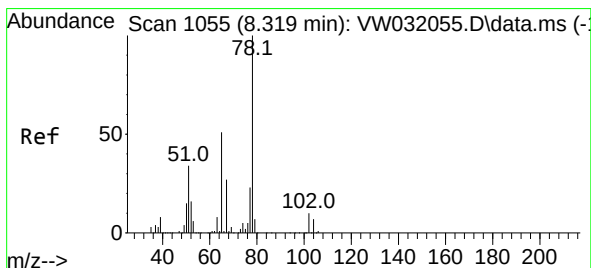
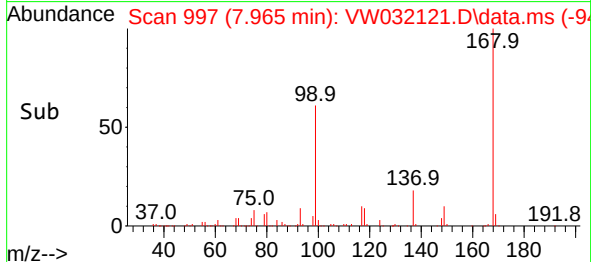
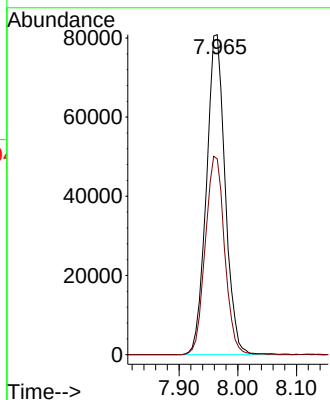
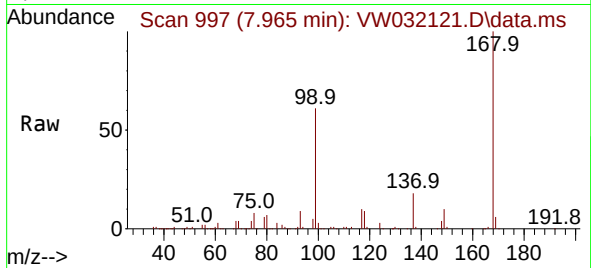




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

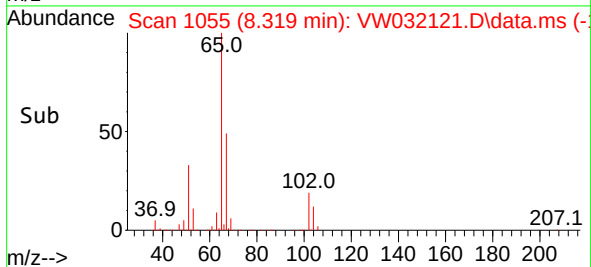
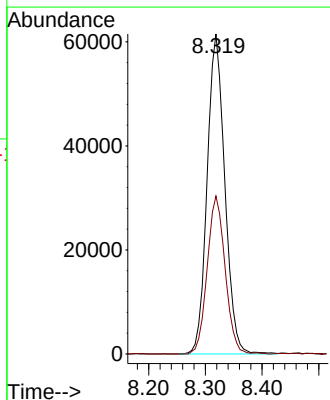
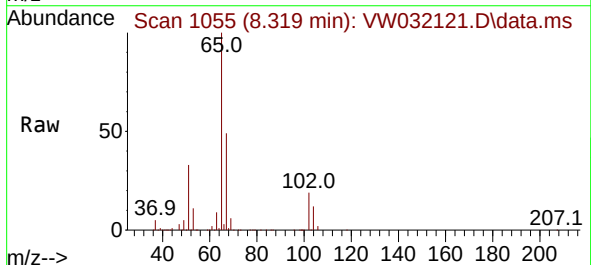
Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMP(1-2)

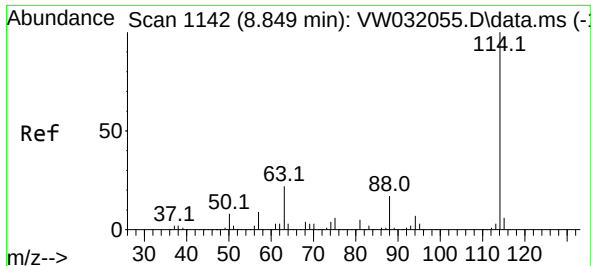
Tgt Ion:168 Resp: 179471
Ion Ratio Lower Upper
168 100
99 61.2 56.0 84.0



#33
1,2-Dichloroethane-d4
Concen: 51.302 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

Tgt Ion: 65 Resp: 133163
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.4

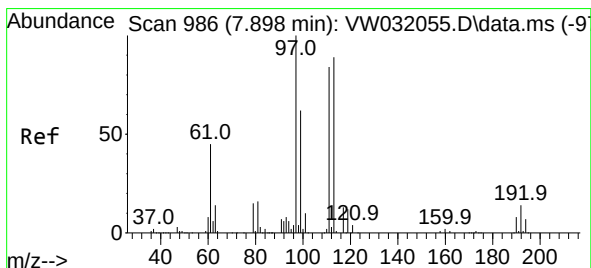
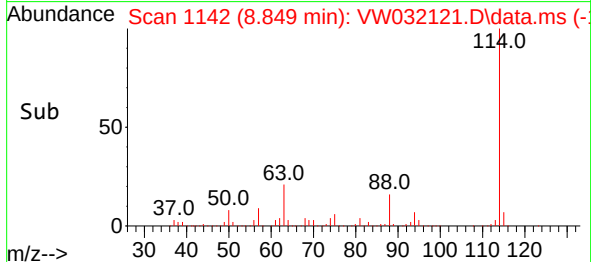
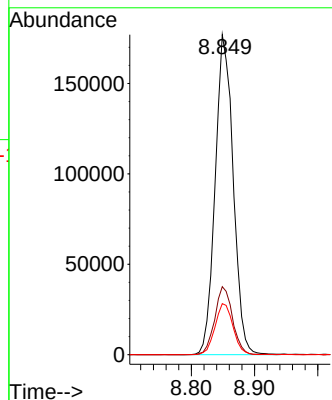
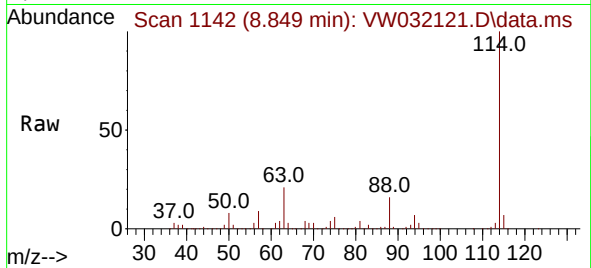




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

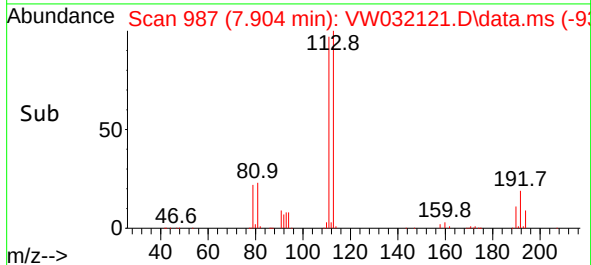
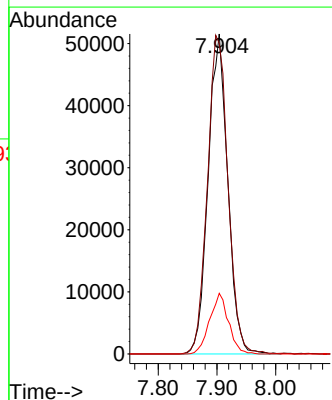
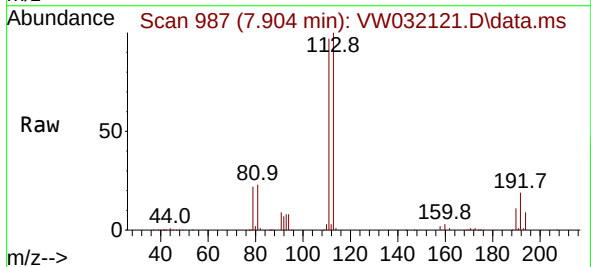
Instrument :
MSVOA_W
ClientSampleId :
SOIL-COMP(1-2)

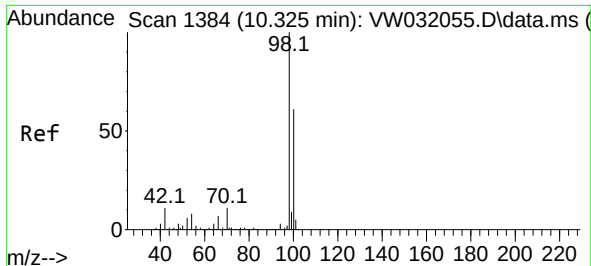
Tgt Ion:114 Resp: 349264
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.0
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.955 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

Tgt Ion:113 Resp: 119487
Ion Ratio Lower Upper
113 100
111 104.3 80.1 120.1
192 18.2 13.1 19.7

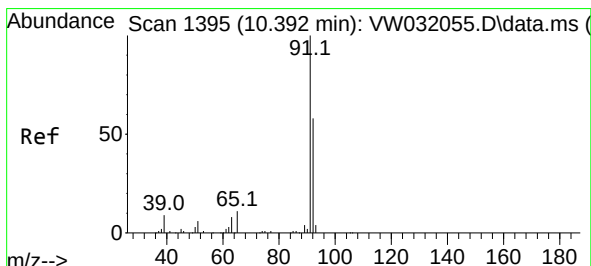
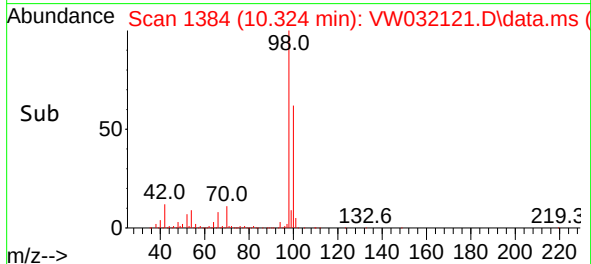
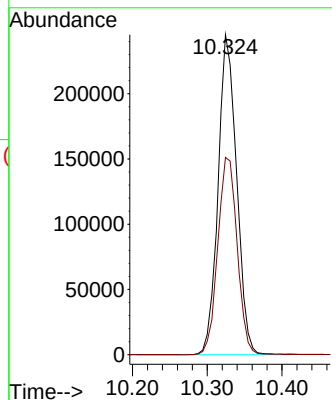
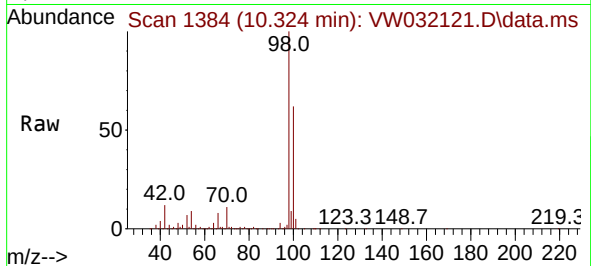




#50
Toluene-d8
Concen: 50.616 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

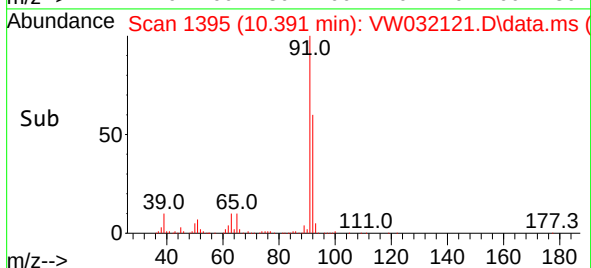
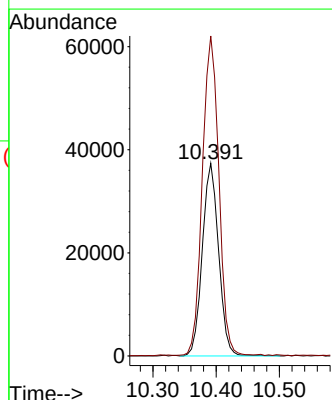
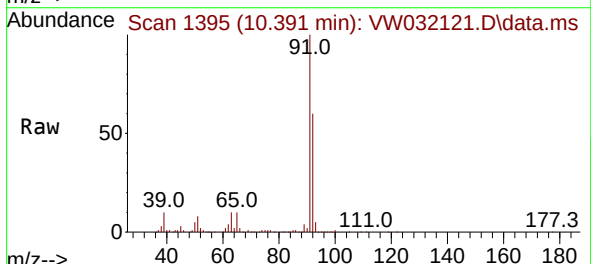
Instrument :
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ClientSampleId :
SOIL-COMP(1-2)

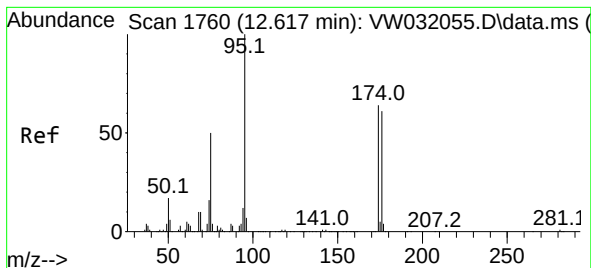
Tgt Ion: 98 Resp: 422427
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



#52
Toluene
Concen: 10.746 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

Tgt Ion: 92 Resp: 66925
Ion Ratio Lower Upper
92 100
91 167.6 136.3 204.5

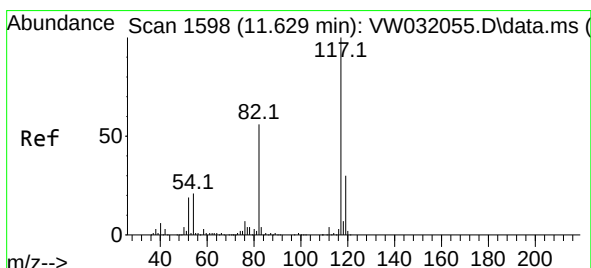
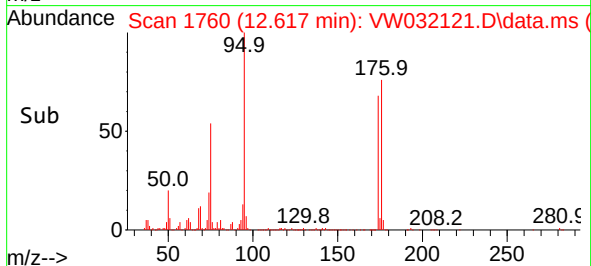
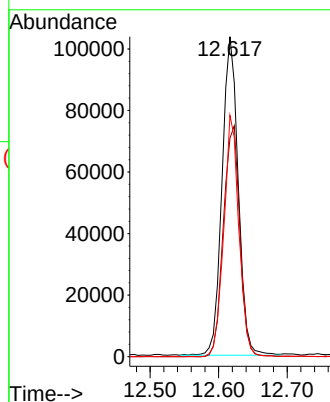
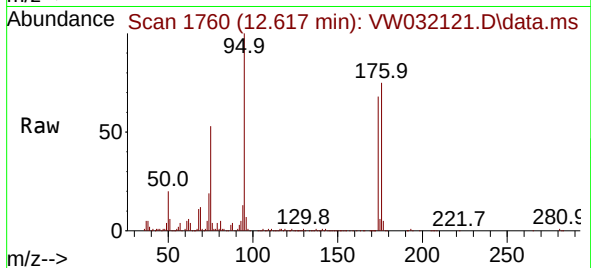




#62
4-Bromofluorobenzene
Concen: 55.194 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

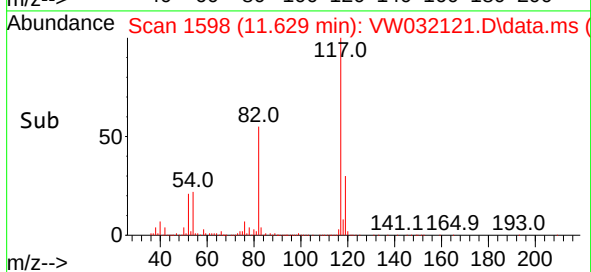
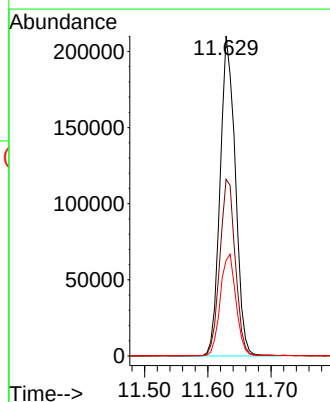
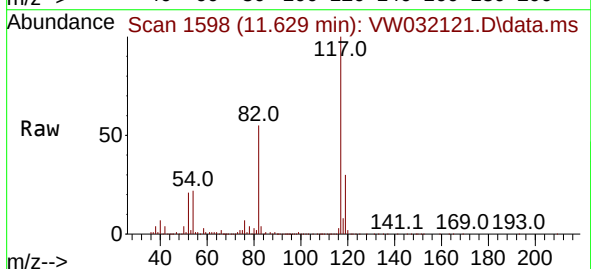
Instrument :
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SOIL-COMP(1-2)

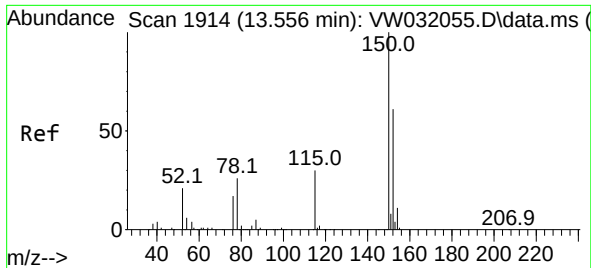
Tgt Ion: 95 Resp: 169750
Ion Ratio Lower Upper
95 100
174 73.2 0.0 129.0
176 70.9 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032121.D
Acq: 22 Aug 2025 19:02

Tgt Ion: 117 Resp: 349840
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 29.8 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032121.D
 Acq: 22 Aug 2025 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP(1-2)

Tgt Ion:152 Resp: 177790
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.6 97.8
 150 161.6 0.0 359.4

