

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032357.D
 Acq On : 06 Oct 2025 14:27
 Operator : SY/MD
 Sample : Q3288-01
 Misc : 5.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-01-100325

Quant Time: Oct 07 03:46:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

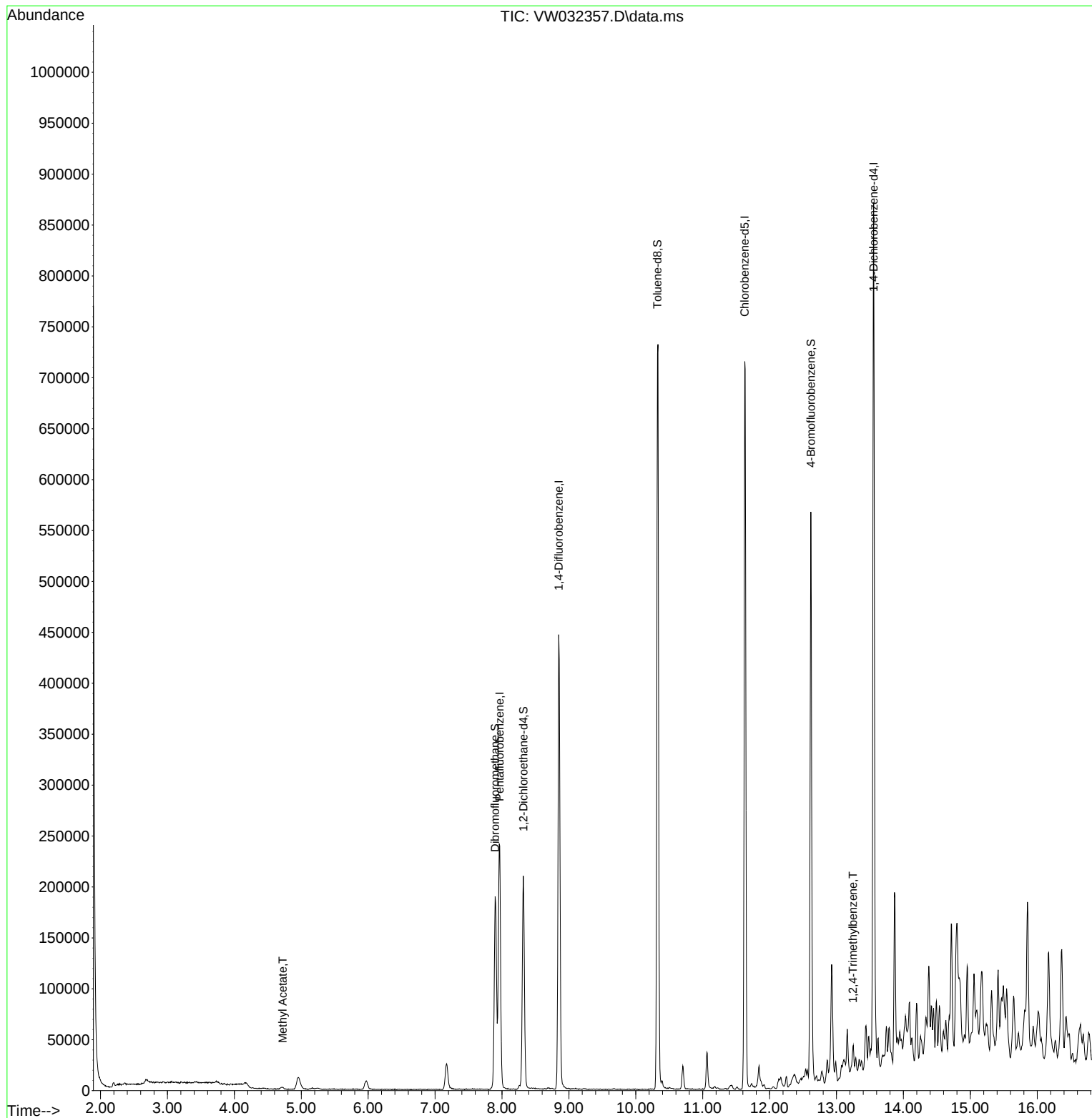
Internal Standards						
1) Pentafluorobenzene	7.965	168	168942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	364127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	390166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	210461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170319	69.120	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 138.240%			
35) Dibromofluoromethane	7.898	113	142869	60.586	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 121.180%			
50) Toluene-d8	10.325	98	494078	56.769	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 113.540%			
62) 4-Bromofluorobenzene	12.617	95	191083	58.088	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 116.180%			
Target Compounds						
18) Methyl Acetate	4.722	43	4250	2.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	17035	1.346	ug/l	100

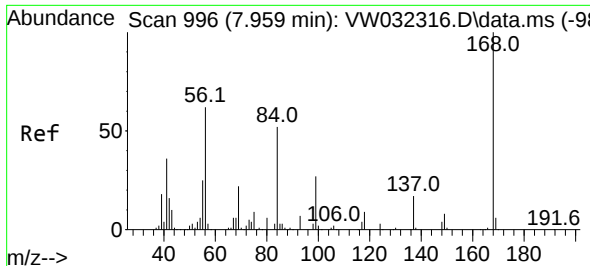
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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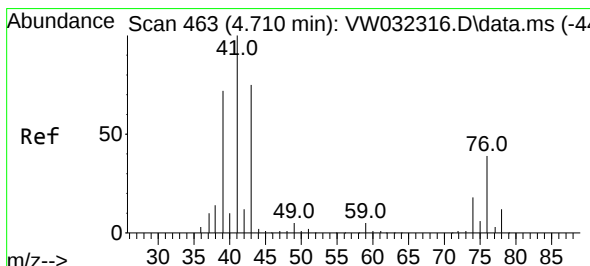
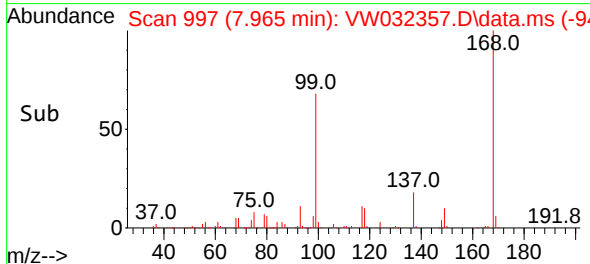
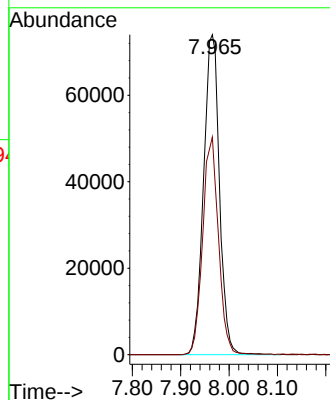
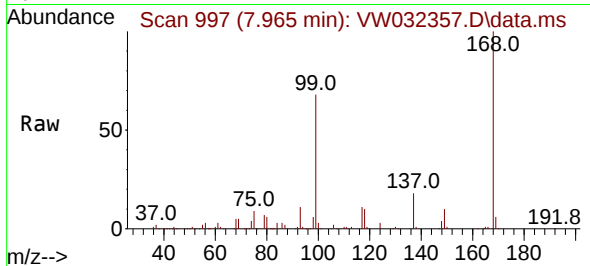




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032357.D
Acq: 06 Oct 2025 14:27

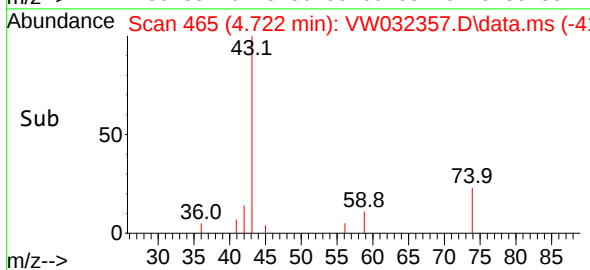
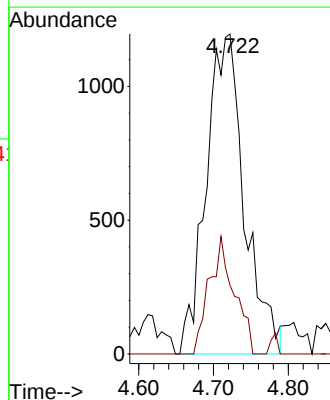
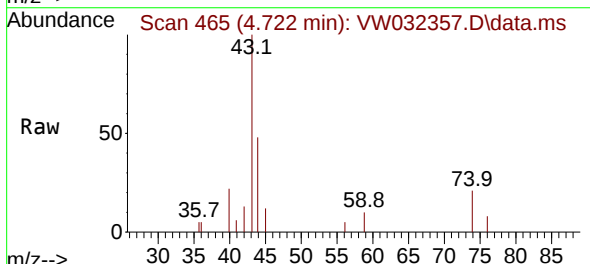
Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

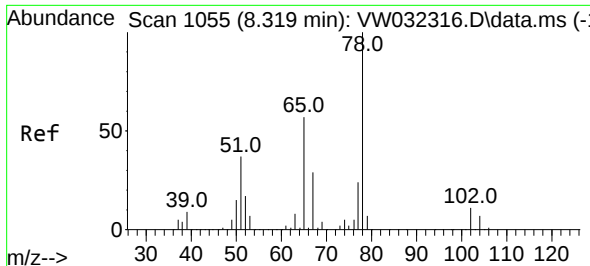
Tgt Ion:168 Resp: 168942
Ion Ratio Lower Upper
168 100
99 68.0 49.3 73.9



#18
Methyl Acetate
Concen: 2.174 ug/l
RT: 4.722 min Scan# 465
Delta R.T. 0.012 min
Lab File: VW032357.D
Acq: 06 Oct 2025 14:27

Tgt Ion: 43 Resp: 4250
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.4

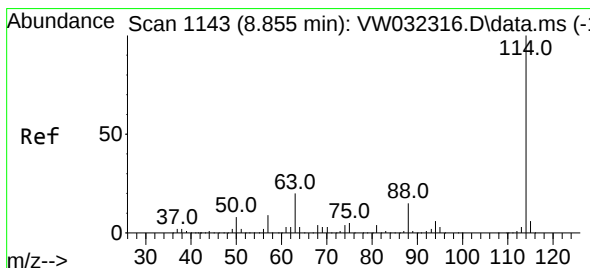
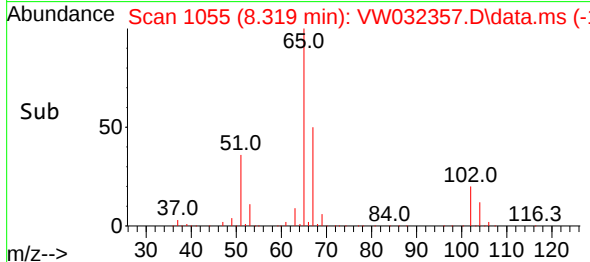
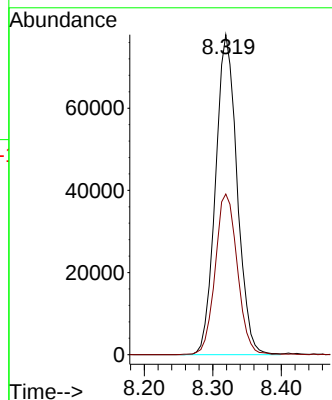
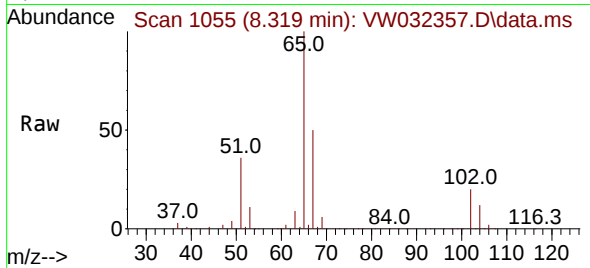




#33
 1,2-Dichloroethane-d4
 Concen: 69.120 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VW032357.D
 Acq: 06 Oct 2025 14:27

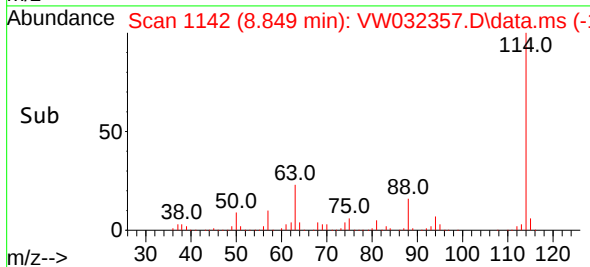
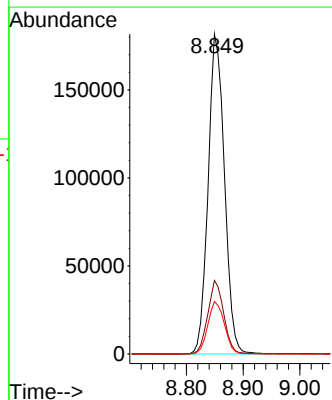
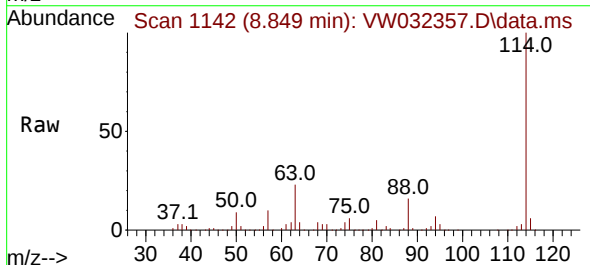
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-01-100325

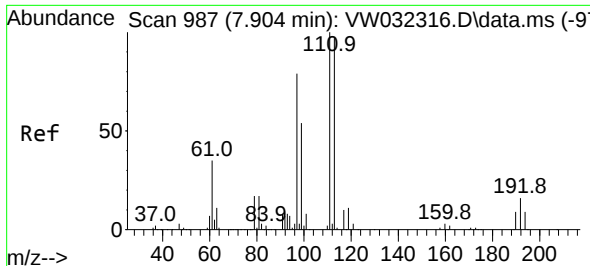
Tgt Ion: 65 Resp: 170319
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032357.D
 Acq: 06 Oct 2025 14:27

Tgt Ion: 114 Resp: 364127
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 40.4
 88 16.4 0.0 32.0

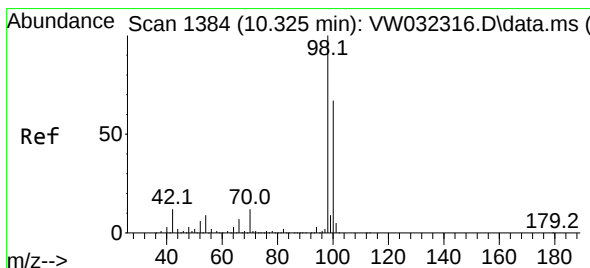
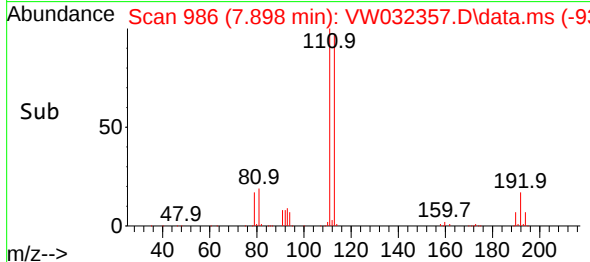
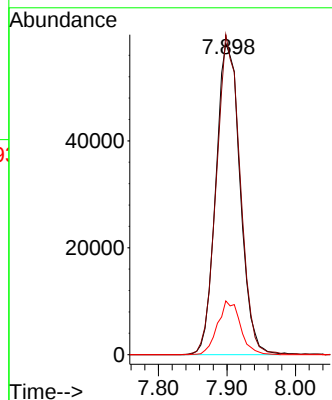
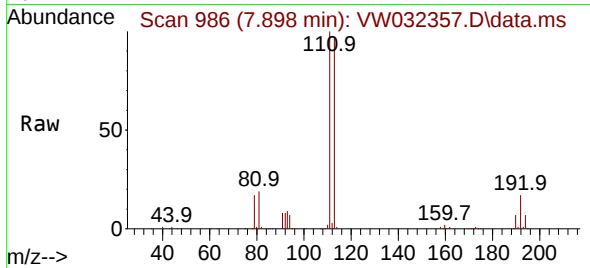




#35
 Dibromofluoromethane
 Concen: 60.586 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032357.D
 Acq: 06 Oct 2025 14:27

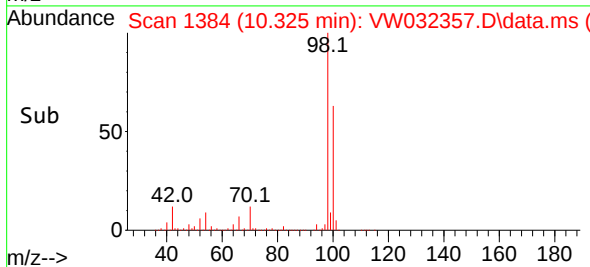
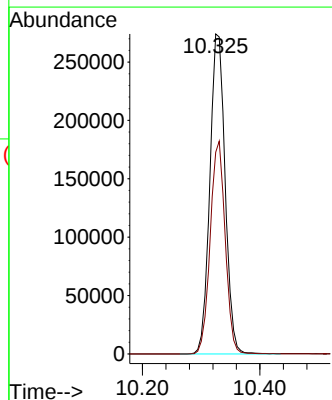
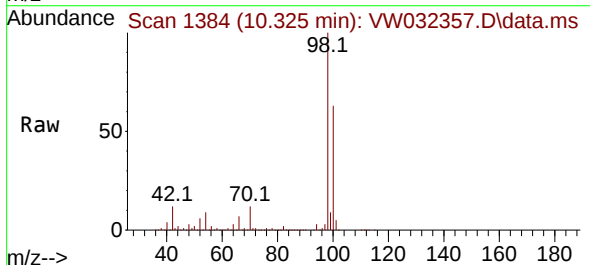
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-01-100325

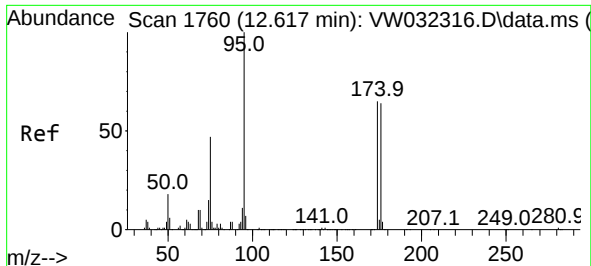
Tgt Ion:113 Resp: 142869
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.9 125.9
 192 16.2 14.6 21.8



#50
 Toluene-d8
 Concen: 56.769 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032357.D
 Acq: 06 Oct 2025 14:27

Tgt Ion: 98 Resp: 494078
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.2

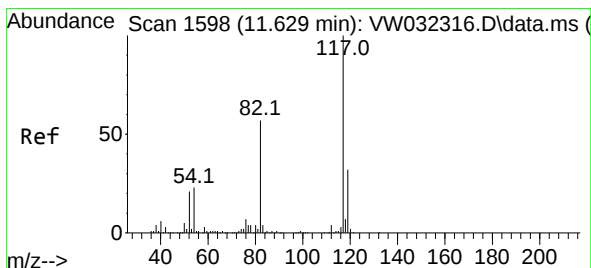
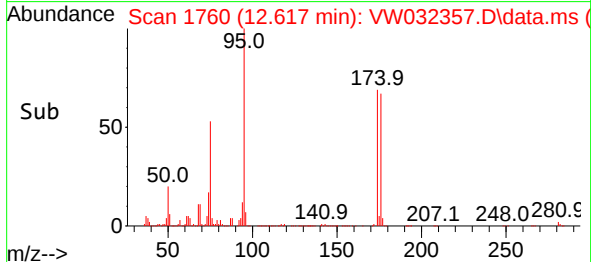
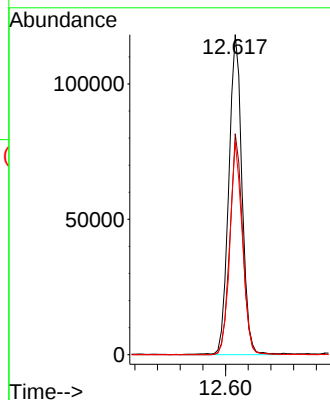
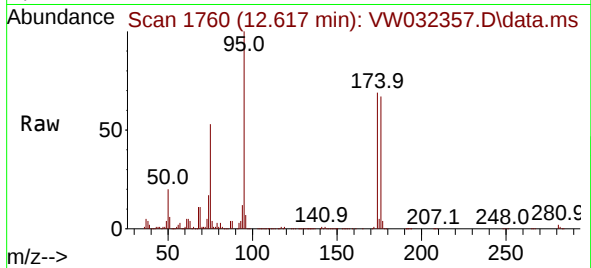




#62
4-Bromofluorobenzene
Concen: 58.088 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032357.D
Acq: 06 Oct 2025 14:27

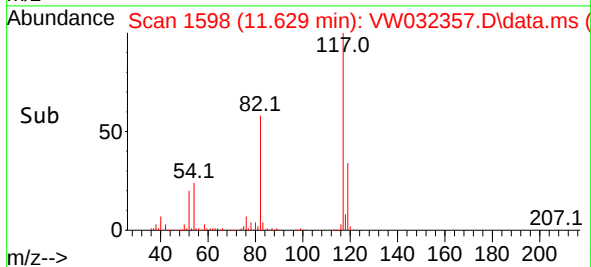
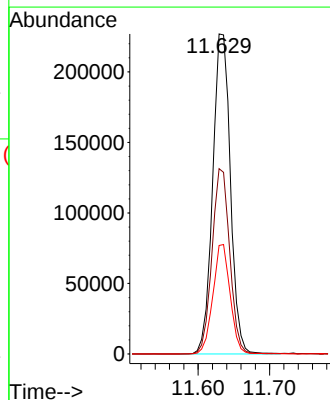
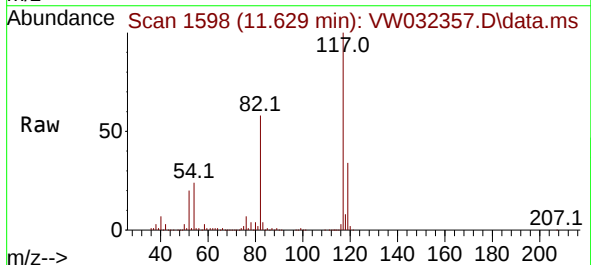
Instrument :
MSVOA_W
ClientSampleId :
TR-01-100325

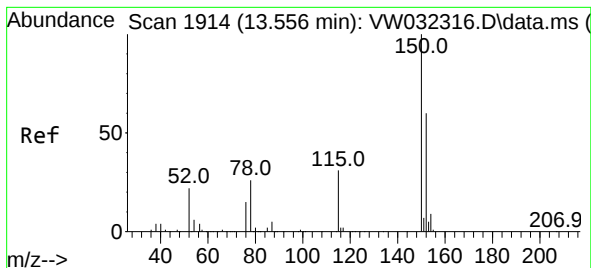
Tgt Ion: 95 Resp: 191083
Ion Ratio Lower Upper
95 100
174 66.0 0.0 145.6
176 63.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032357.D
Acq: 06 Oct 2025 14:27

Tgt Ion: 117 Resp: 390166
Ion Ratio Lower Upper
117 100
82 57.9 42.7 64.1
119 33.9 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: VW032357.D

Acq: 06 Oct 2025 14:27

Instrument :

MSVOA_W

ClientSampleId :

TR-01-100325

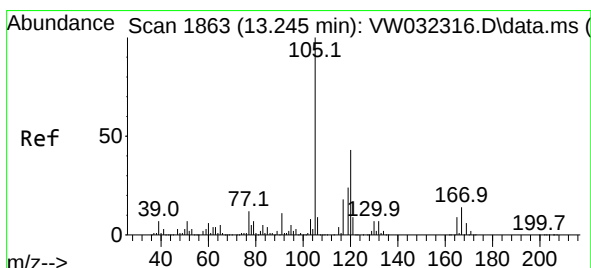
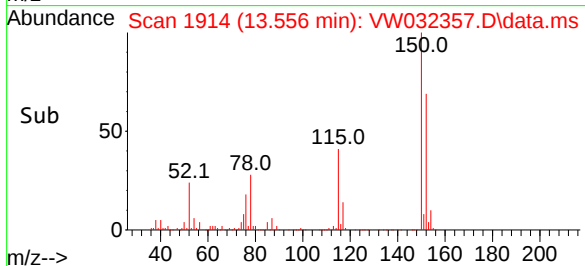
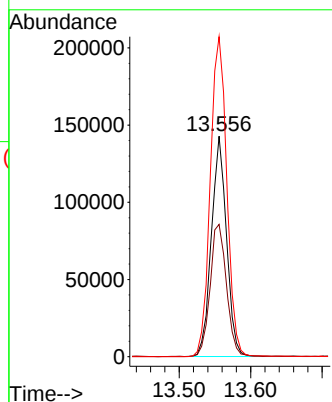
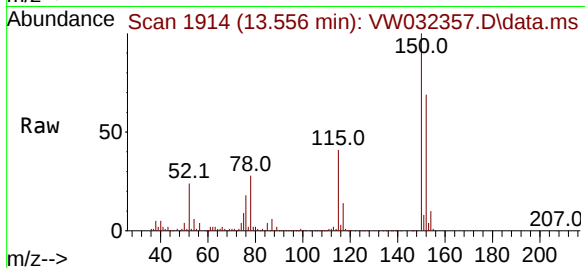
Tgt Ion:152 Resp: 210461

Ion Ratio Lower Upper

152 100

115 64.8 31.8 95.4

150 157.9 0.0 343.0



#84

1,2,4-Trimethylbenzene

Concen: 1.346 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032357.D

Acq: 06 Oct 2025 14:27

Tgt Ion:105 Resp: 17035

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3

