

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032327.D
 Acq On : 02 Oct 2025 13:13
 Operator : SY/MD
 Sample : Q3257-01
 Misc : 9.45g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV1-6FT

Quant Time: Oct 02 21:37:10 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)

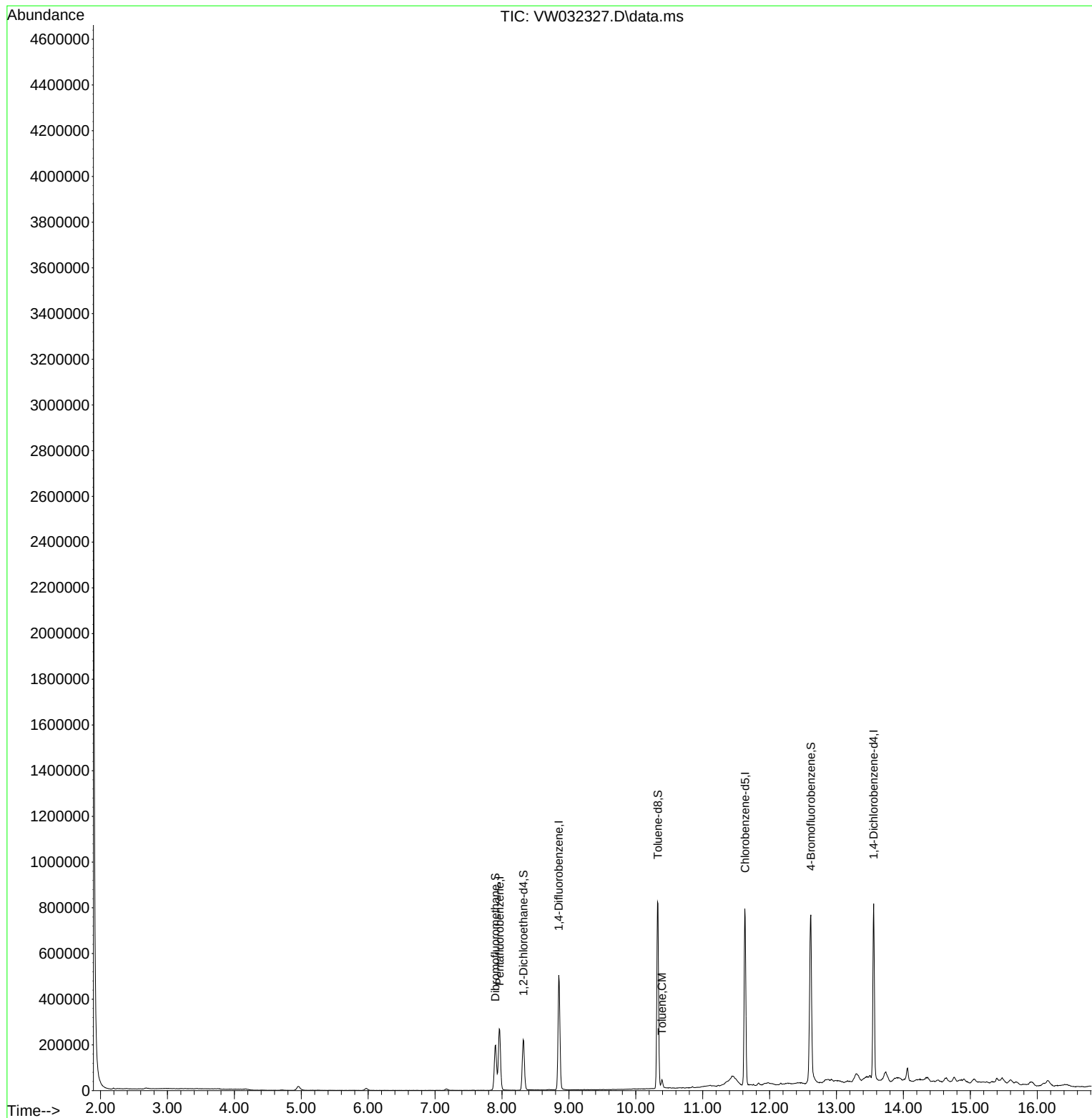
Internal Standards						
1) Pentafluorobenzene	7.965	168	186871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	415708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	435605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	191597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	182617	67.000	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 134.000%		
35) Dibromofluoromethane	7.898	113	147433	54.764	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.520%		
50) Toluene-d8	10.331	98	564699	56.832	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 113.660%		
62) 4-Bromofluorobenzene	12.617	95	215758	57.450	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 114.900%		
Target Compounds						
52) Toluene	10.392	92	14770	1.992	ug/l	Qvalue 99

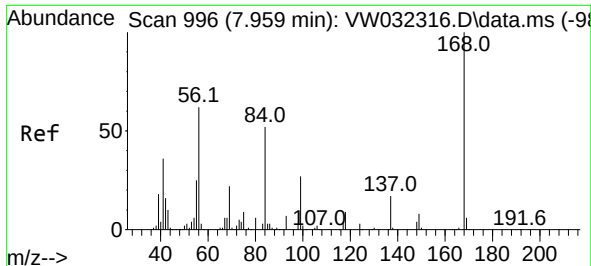
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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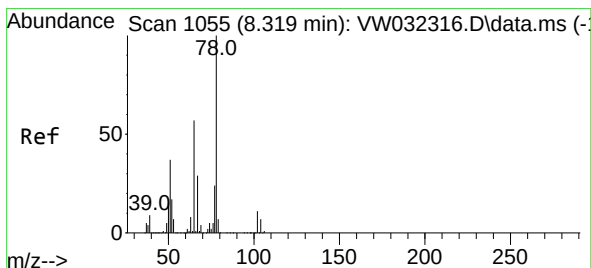
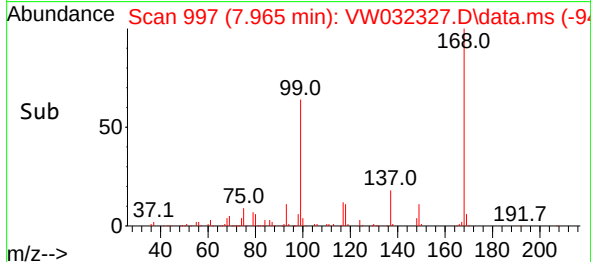
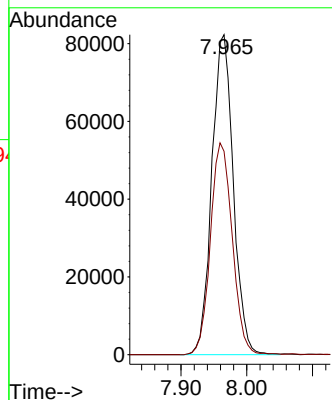
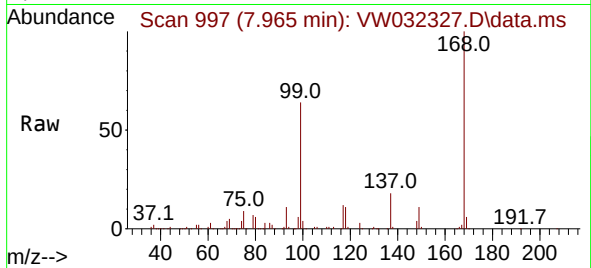




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

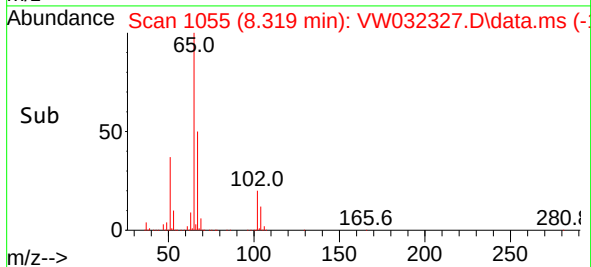
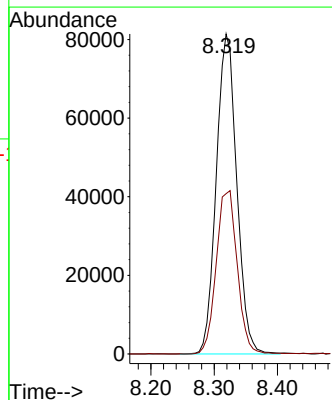
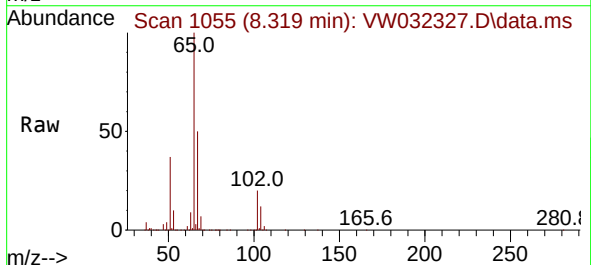
Instrument :
MSVOA_W
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ENV1-6FT

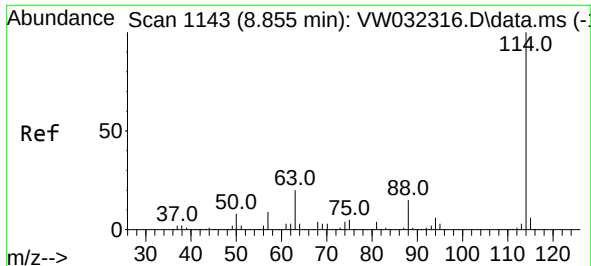
Tgt Ion:168 Resp: 186871
Ion Ratio Lower Upper
168 100
99 63.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 67.000 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

Tgt Ion: 65 Resp: 182617
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.6

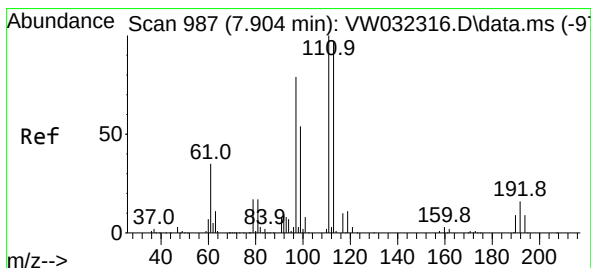
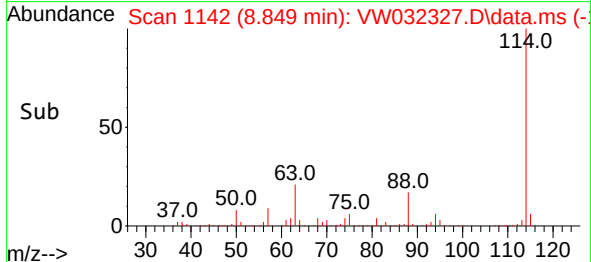
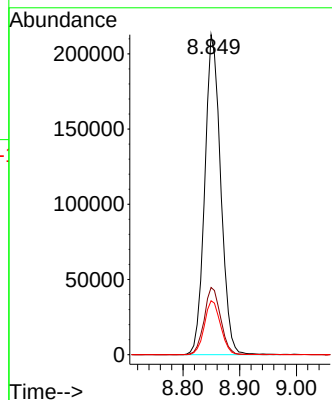
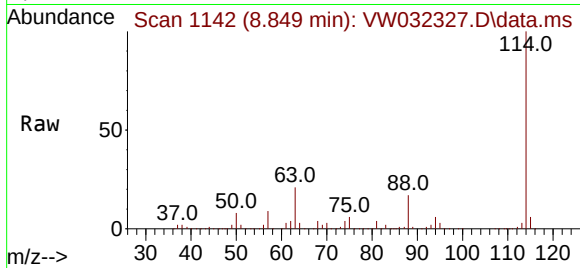




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

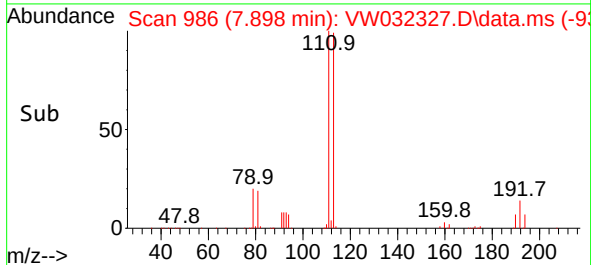
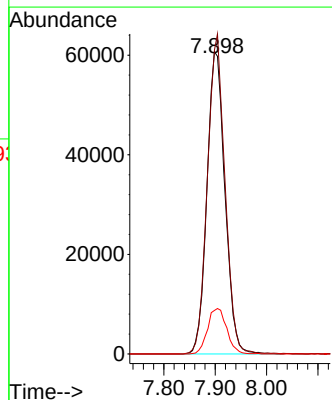
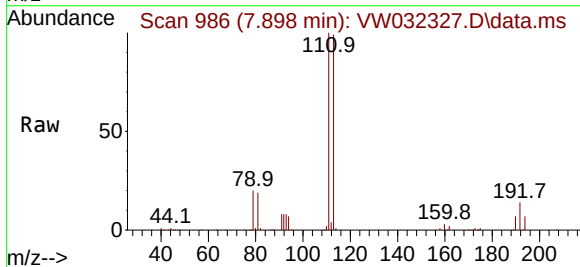
Instrument :
MSVOA_W
ClientSampleId :
ENV1-6FT

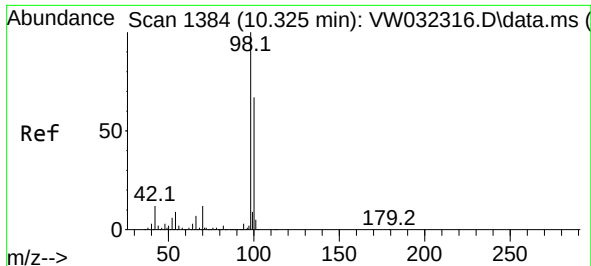
Tgt Ion:114 Resp: 415708
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 54.764 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

Tgt Ion:113 Resp: 147433
Ion Ratio Lower Upper
113 100
111 103.0 83.9 125.9
192 16.1 14.6 21.8

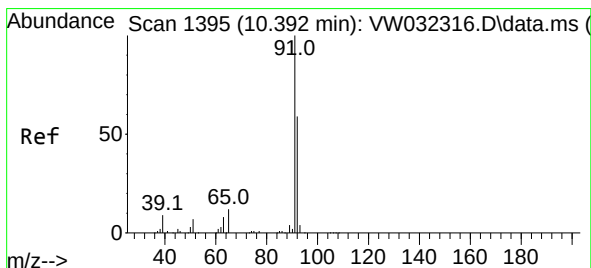
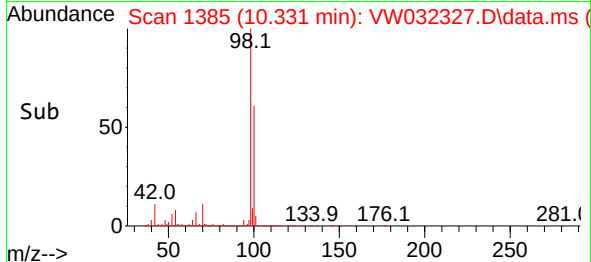
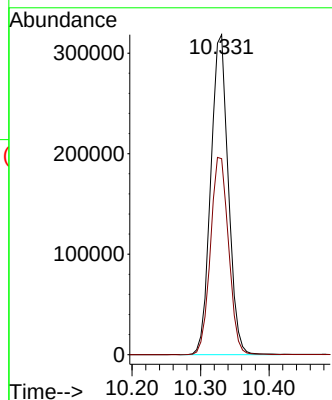
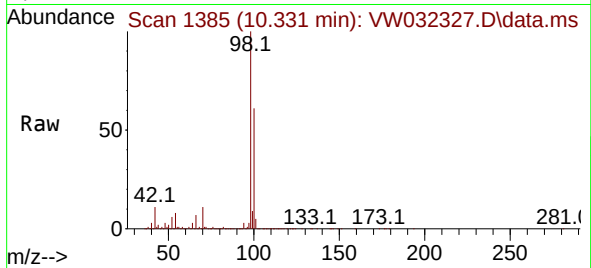




#50
Toluene-d8
Concen: 56.832 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

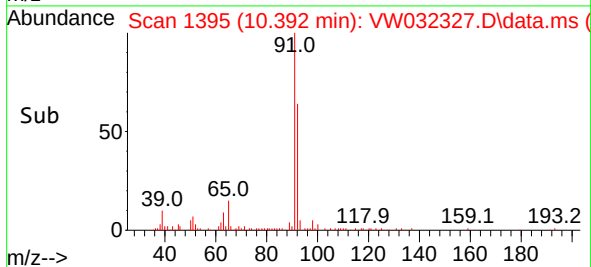
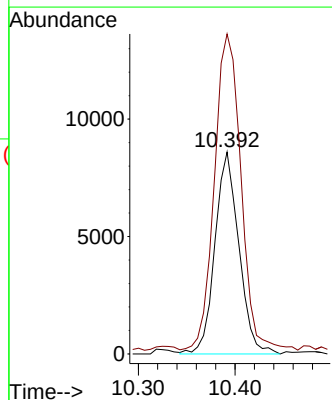
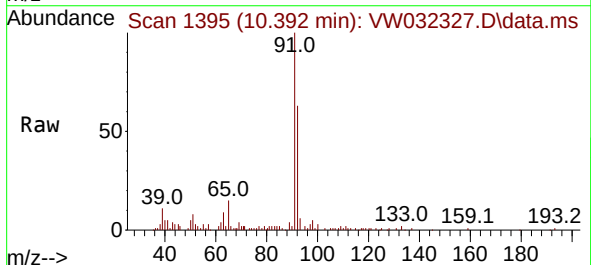
Instrument :
MSVOA_W
ClientSampleId :
ENV1-6FT

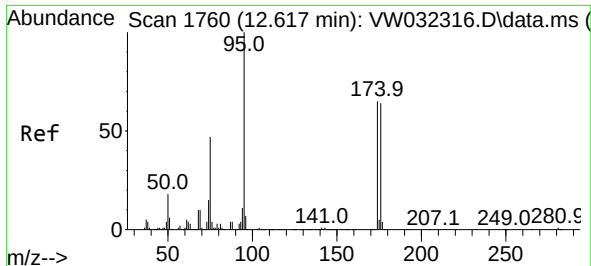
Tgt Ion: 98 Resp: 564699
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2



#52
Toluene
Concen: 1.992 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

Tgt Ion: 92 Resp: 14770
Ion Ratio Lower Upper
92 100
91 173.4 137.5 206.3

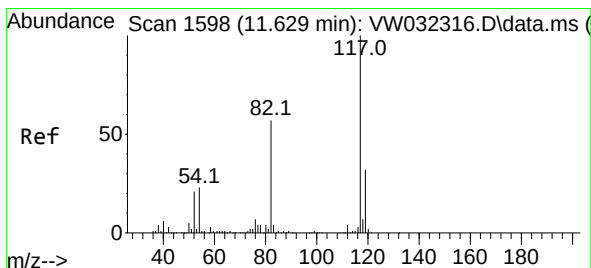
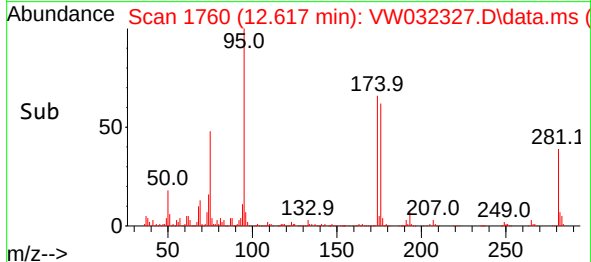
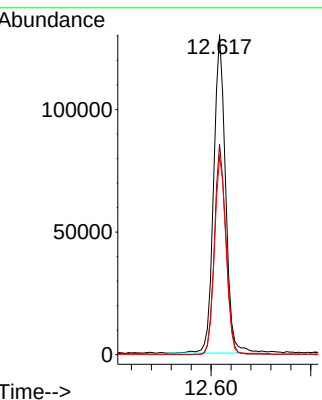
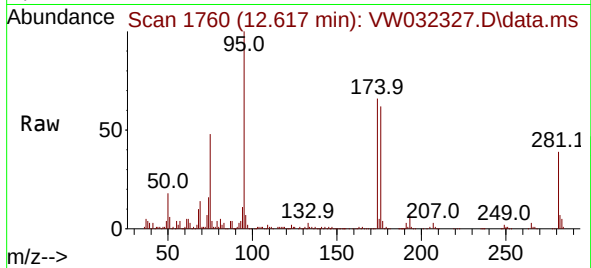




#62
4-Bromofluorobenzene
Concen: 57.450 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

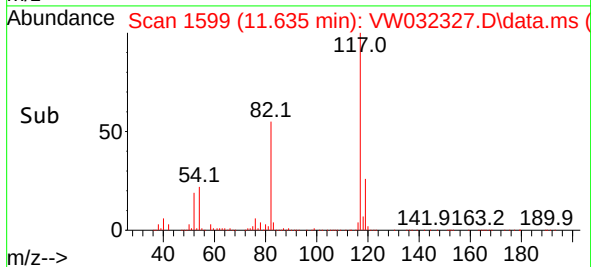
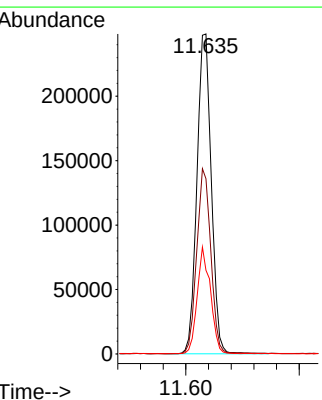
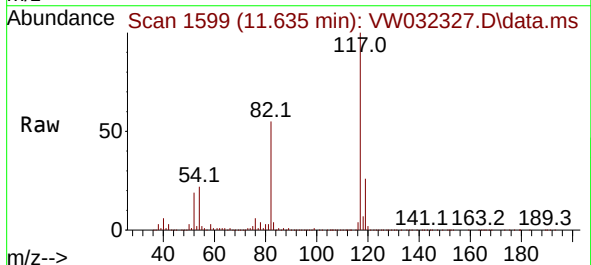
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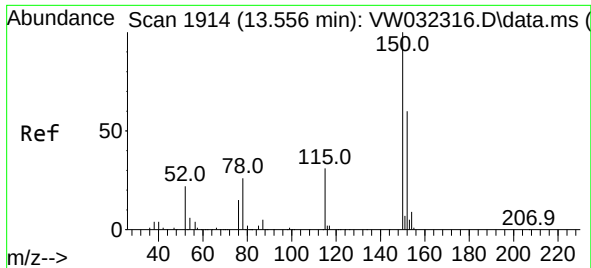
Tgt Ion: 95 Resp: 215758
Ion Ratio Lower Upper
95 100
174 63.4 0.0 145.6
176 60.4 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032327.D
Acq: 02 Oct 2025 13:13

Tgt Ion: 117 Resp: 435605
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 26.1 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: VW032327.D
 Acq: 02 Oct 2025 13:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV1-6FT

Tgt Ion:152 Resp: 191597
 Ion Ratio Lower Upper
 152 100
 115 65.2 31.8 95.4
 150 154.0 0.0 343.0

