

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
 Data File : VW032303.D
 Acq On : 30 Sep 2025 15:14
 Operator : SY/MD
 Sample : Q3150-04
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Mid Site Grid 5-7

Quant Time: Oct 01 00:54:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

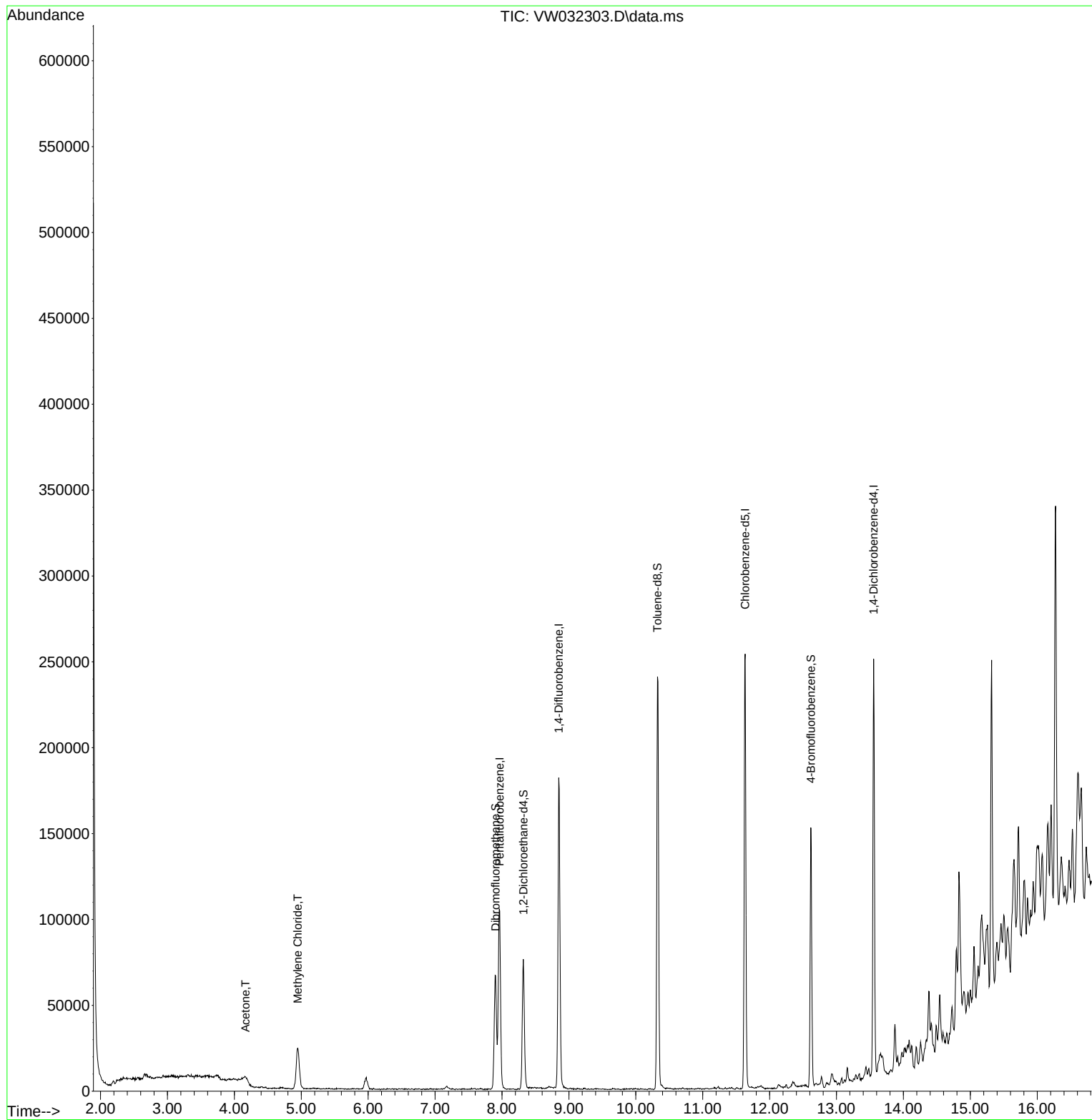
Internal Standards						
1) Pentafluorobenzene	7.965	168	73131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	148995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	140500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	58965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	60653	52.526	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	105.060%	
35) Dibromofluoromethane	7.904	113	49577	46.268	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	92.540%	
50) Toluene-d8	10.324	98	166304	43.064	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	86.120%	
62) 4-Bromofluorobenzene	12.617	95	54149	37.173	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	74.340%	
Target Compounds						
						Qvalue
16) Acetone	4.167	43	4357	14.692	ug/l	92
20) Methylene Chloride	4.947	84	18998	11.998	ug/l	97

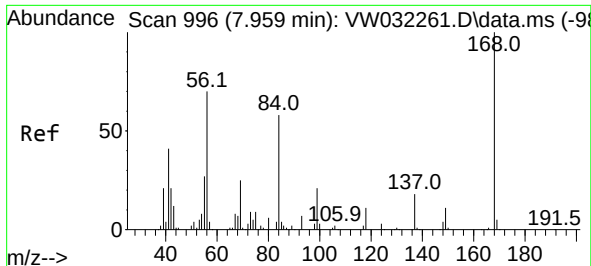
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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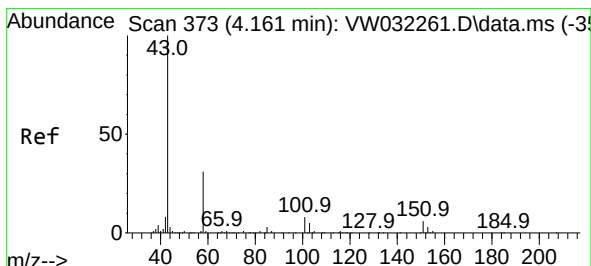
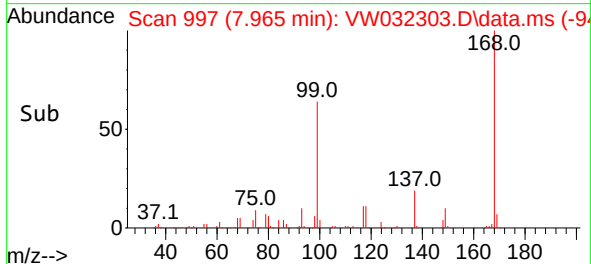
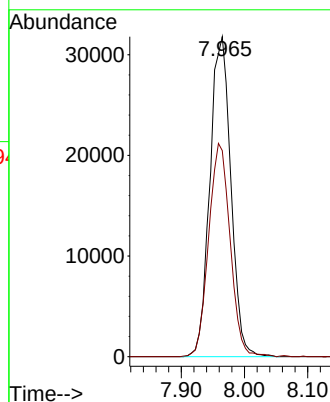
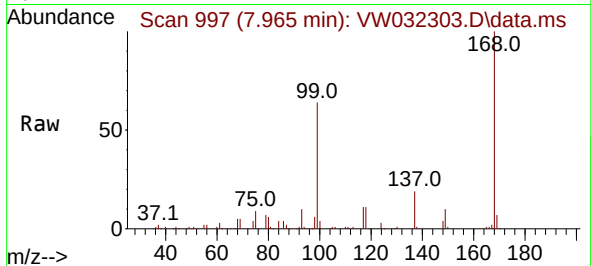




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

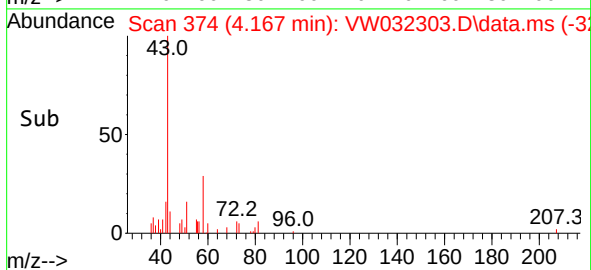
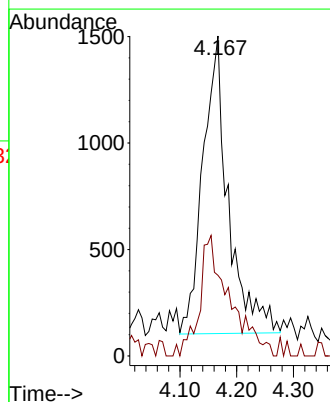
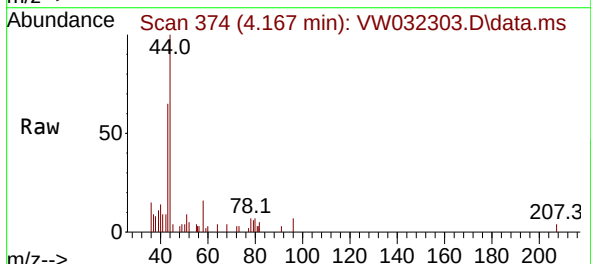
Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

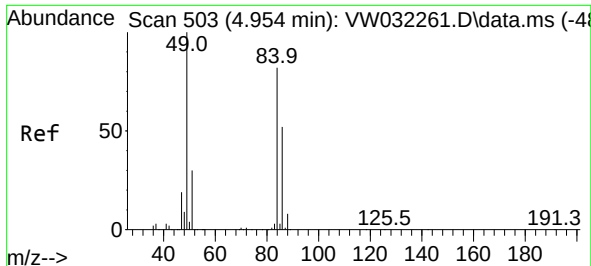
Tgt Ion:168 Resp: 73131
Ion Ratio Lower Upper
168 100
99 64.4 55.0 82.4



#16
Acetone
Concen: 14.692 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
58 27.2 25.4 38.0

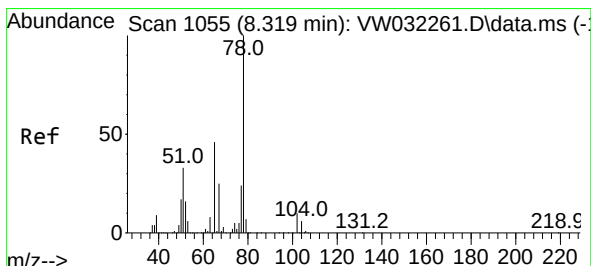
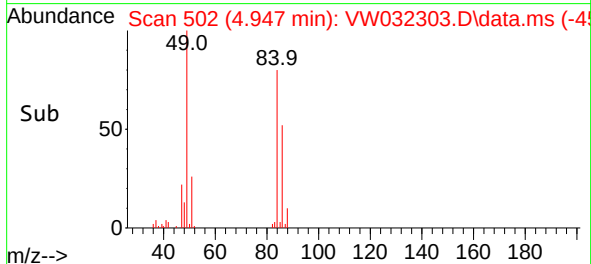
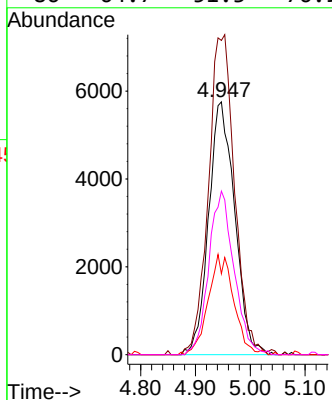
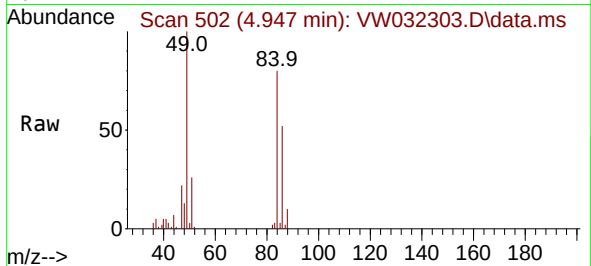




#20
Methylene Chloride
Concen: 11.998 ug/l
RT: 4.947 min Scan# 503
Delta R.T. -0.007 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

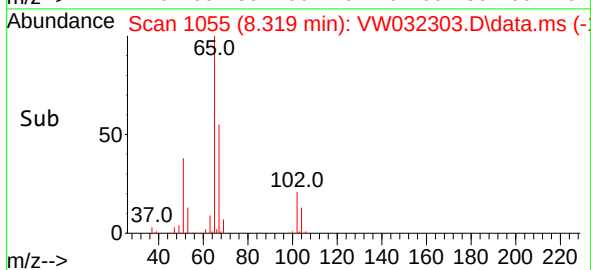
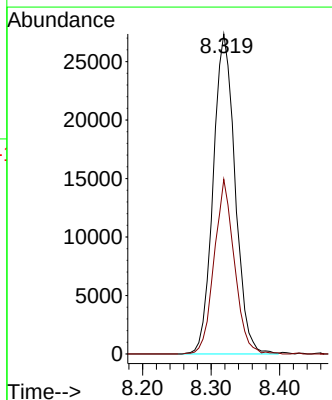
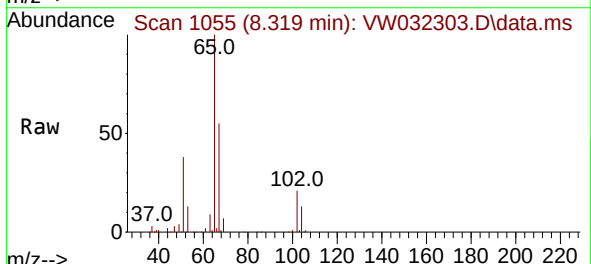
Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

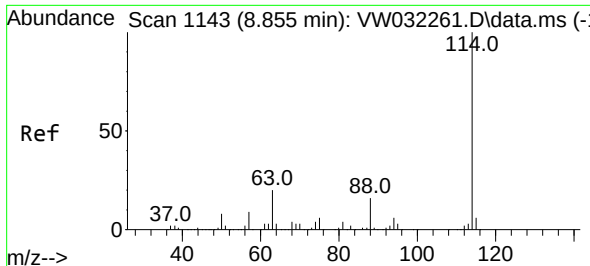
Tgt Ion: 84	Resp: 18998		
Ion	Ratio	Lower	Upper
84	100		
49	124.3	97.8	146.6
51	32.0	29.9	44.9
86	64.7	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 52.526 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 65	Resp: 60653
Ion Ratio	Lower Upper
65 100	
67 50.5	0.0 105.8

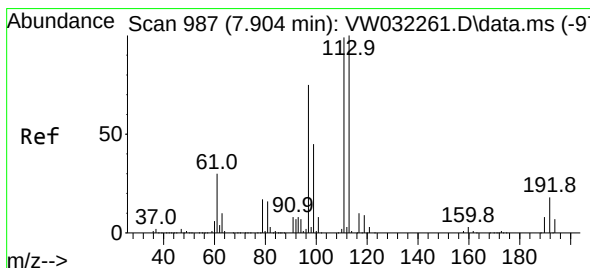
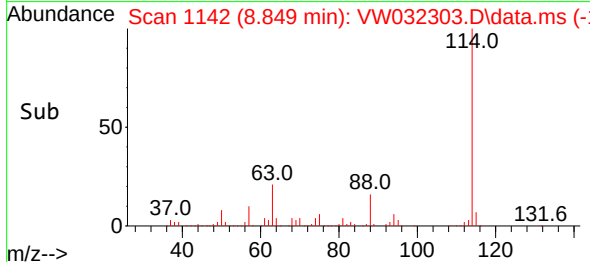
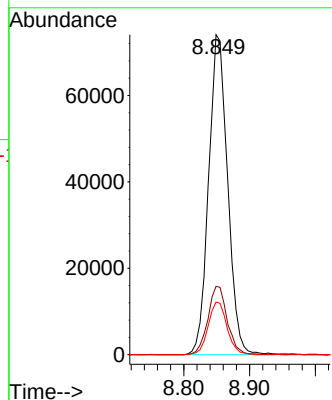
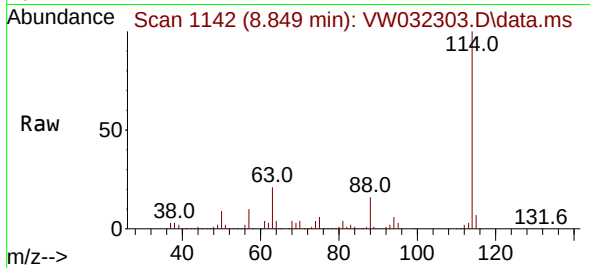




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

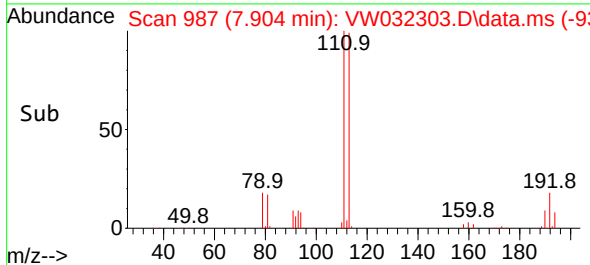
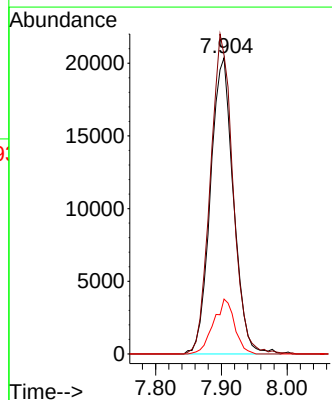
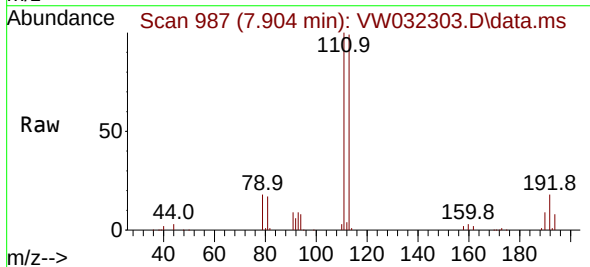
Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7

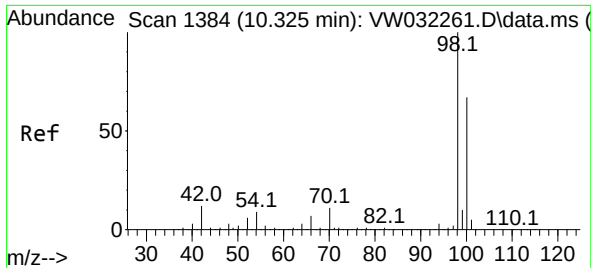
Tgt Ion:114 Resp: 148995
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.2
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.268 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion:113 Resp: 49577
Ion Ratio Lower Upper
113 100
111 106.4 81.8 122.8
192 16.9 13.0 19.4

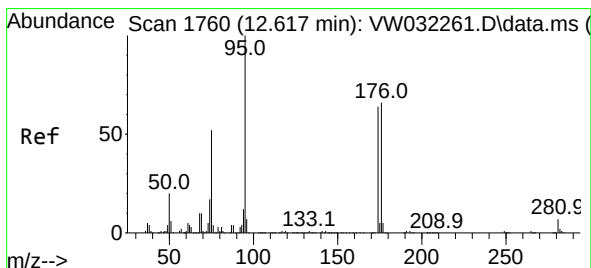
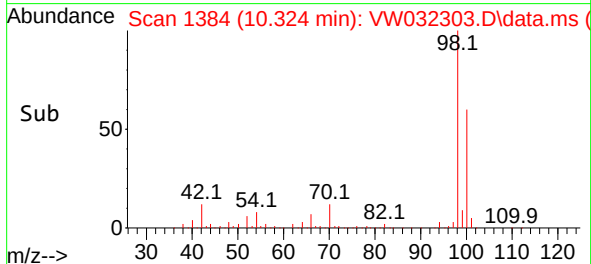
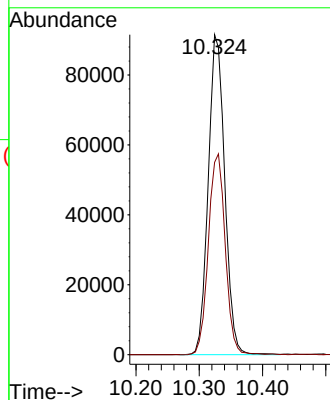
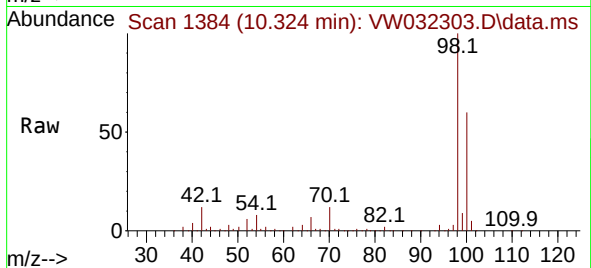




#50
Toluene-d8
Concen: 43.064 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

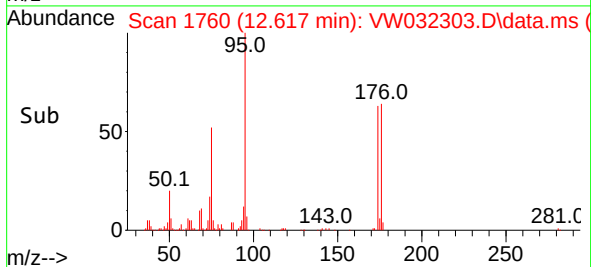
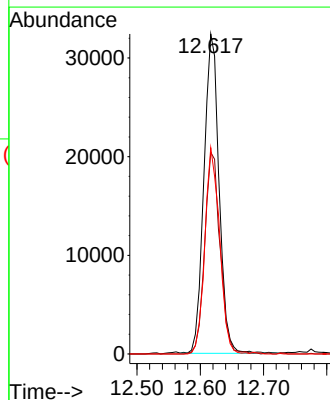
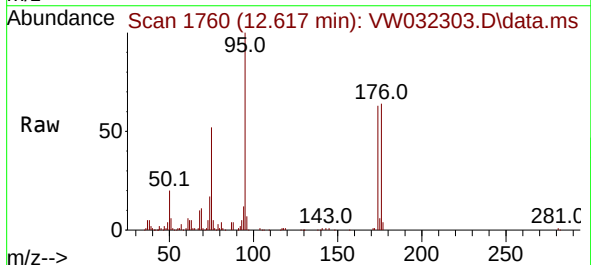
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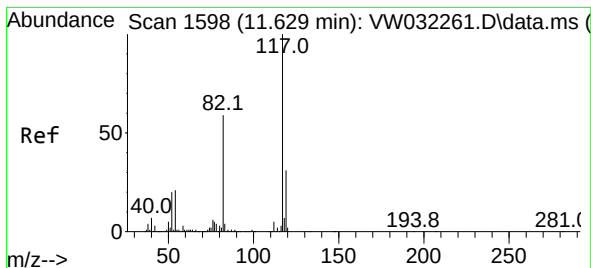
Tgt Ion: 98 Resp: 166304
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 37.173 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion: 95 Resp: 54149
Ion Ratio Lower Upper
95 100
174 64.1 0.0 130.6
176 62.7 0.0 127.0

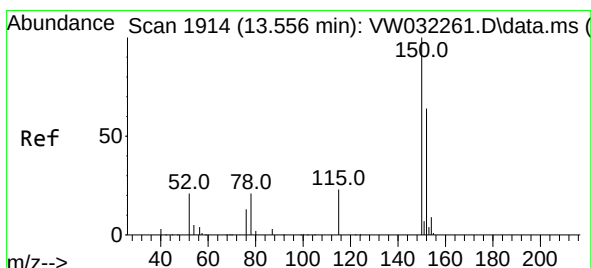
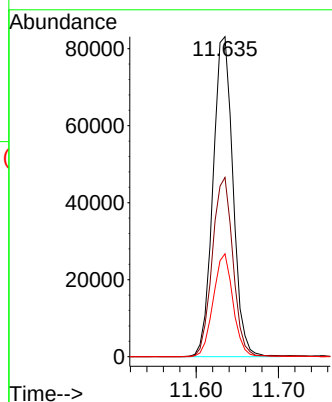
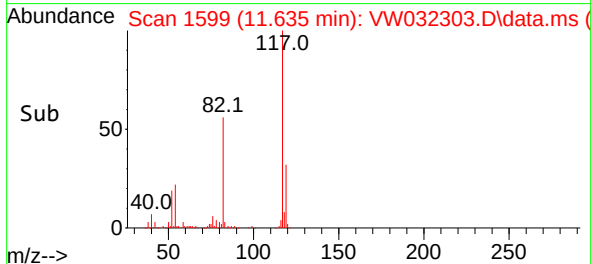
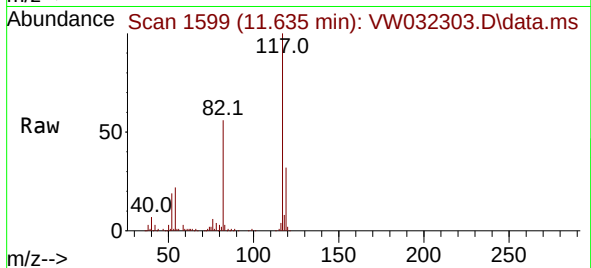




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11599
Delta R.T. 0.006 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Instrument :
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Mid Site Grid 5-7

Tgt Ion:117 Resp: 140500
Ion Ratio Lower Upper
117 100
82 56.0 46.9 70.3
119 32.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032303.D
Acq: 30 Sep 2025 15:14

Tgt Ion:152 Resp: 58965
Ion Ratio Lower Upper
152 100
115 67.4 32.5 97.5
150 165.2 0.0 370.2

