

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032356.D
 Acq On : 06 Oct 2025 14:05
 Operator : SY/MD
 Sample : Q3270-01
 Misc : 5.36g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-1-TEST-PIT

Quant Time: Oct 07 03:45:39 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)

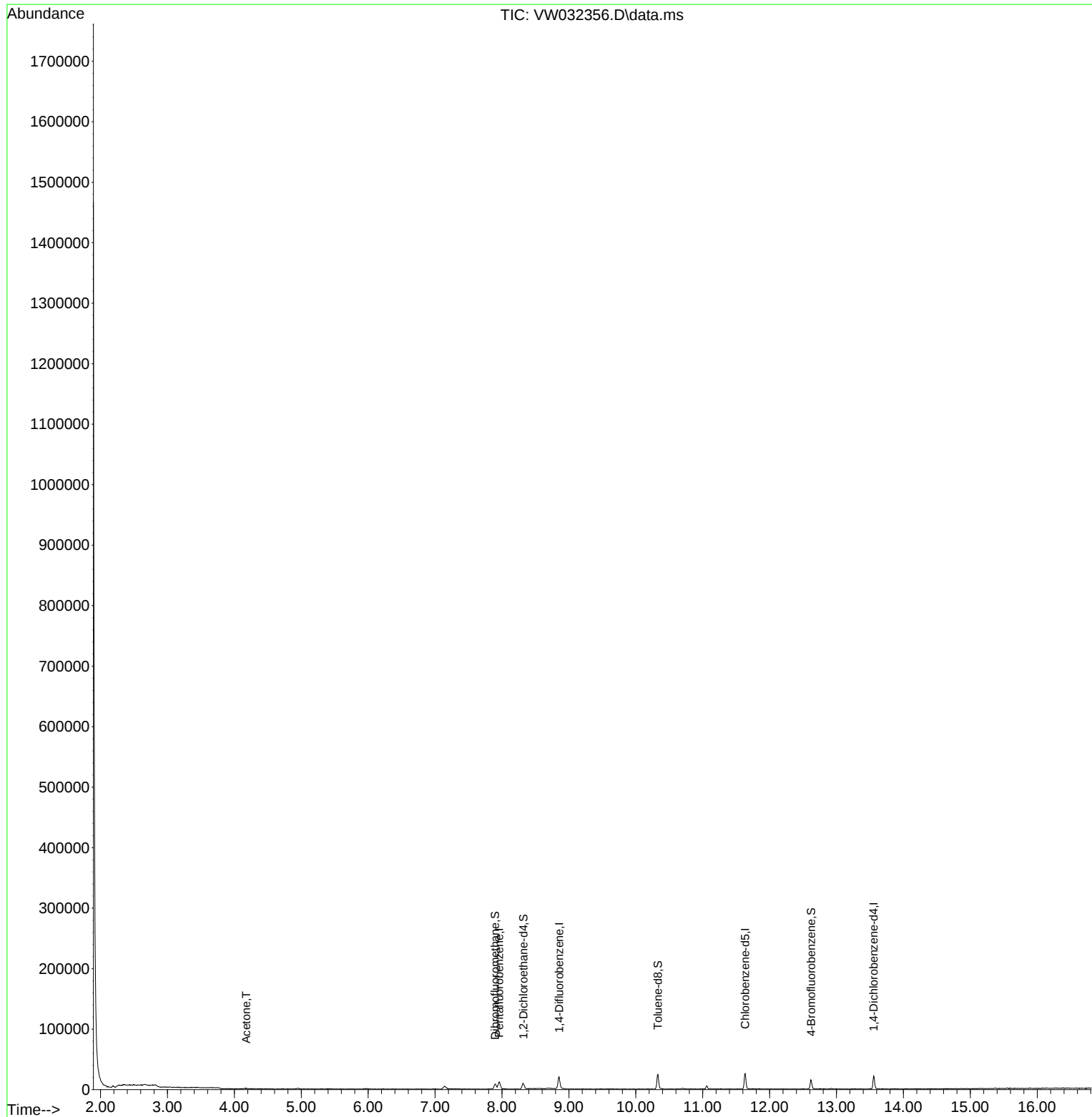
Internal Standards						
1) Pentafluorobenzene	7.959	168	8436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	15244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	13569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	5535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	7841	63.725	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 127.460%	
35) Dibromofluoromethane	7.898	113	6115	61.942	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 123.880%	
50) Toluene-d8	10.331	98	16837	46.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 92.420%	
62) 4-Bromofluorobenzene	12.623	95	5753	41.774	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 83.540%	
Target Compounds						Qvalue
16) Acetone	4.179	43	2470m	72.498	ug/l	

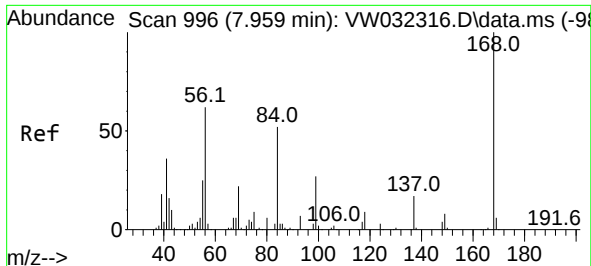
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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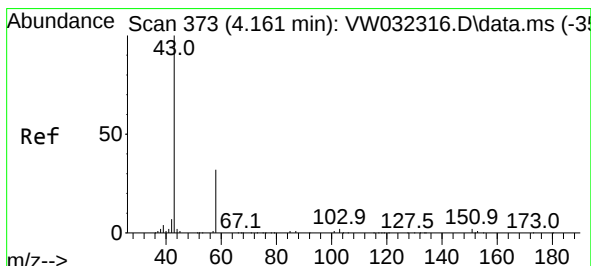
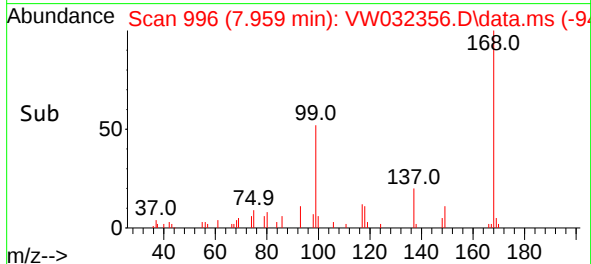
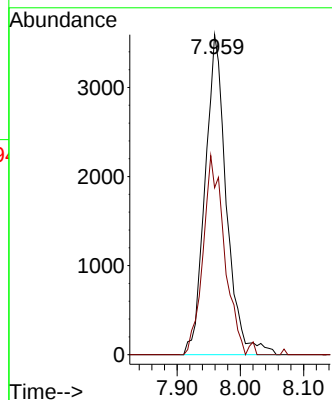
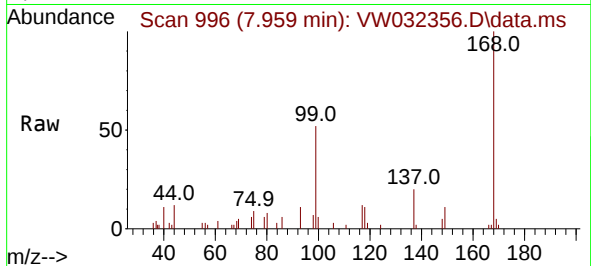




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032356.D
Acq: 06 Oct 2025 14:05

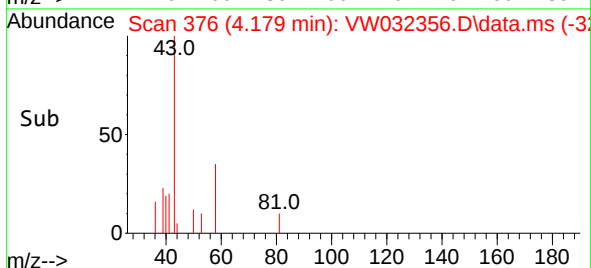
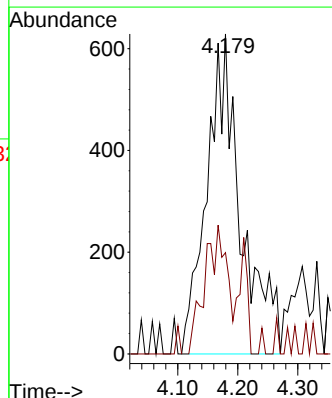
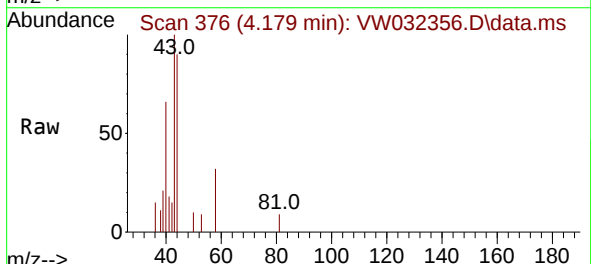
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MSVOA_W
ClientSampleId :
SG-1-TEST-PIT

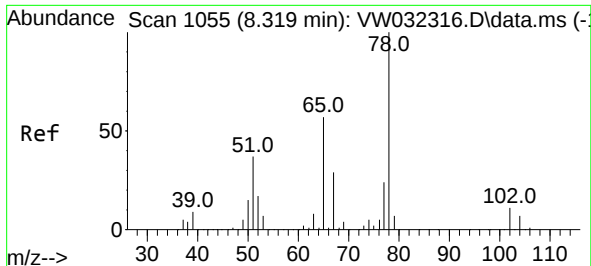
Tgt Ion:168 Resp: 8436
Ion Ratio Lower Upper
168 100
99 52.1 49.3 73.9



#16
Acetone
Concen: 72.498 ug/l m
RT: 4.179 min Scan# 376
Delta R.T. 0.018 min
Lab File: VW032356.D
Acq: 06 Oct 2025 14:05

Tgt Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9

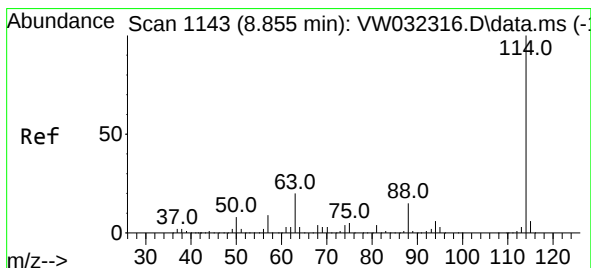
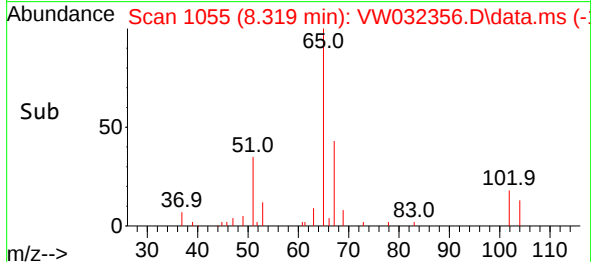
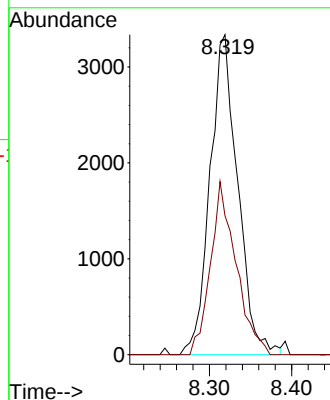
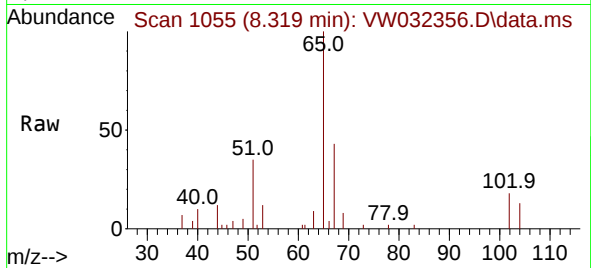




#33
 1,2-Dichloroethane-d4
 Concen: 63.725 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032356.D
 Acq: 06 Oct 2025 14:05

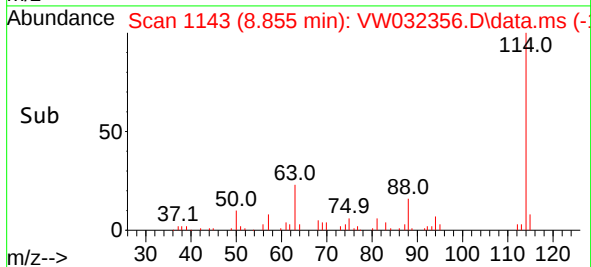
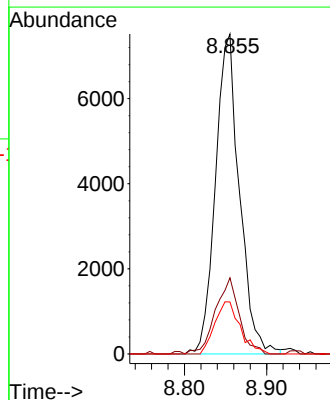
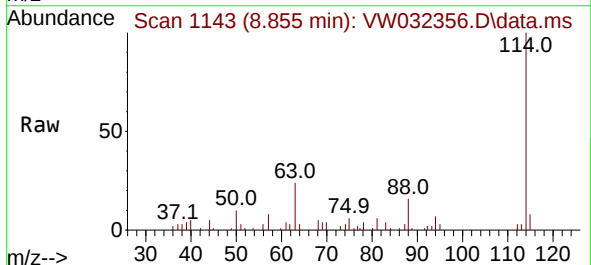
Instrument :
 MSVOA_W
 ClientSampleId :
 SG-1-TEST-PIT

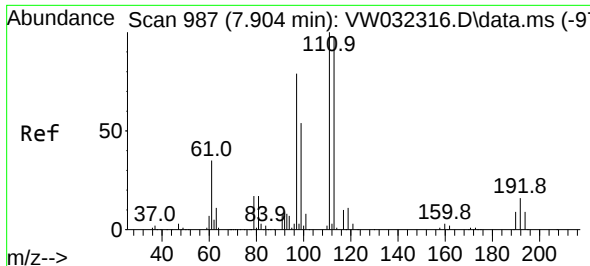
Tgt Ion: 65 Resp: 7841
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032356.D
 Acq: 06 Oct 2025 14:05

Tgt Ion: 114 Resp: 15244
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 40.4
 88 16.3 0.0 32.0

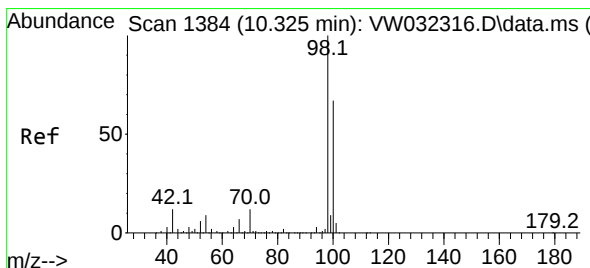
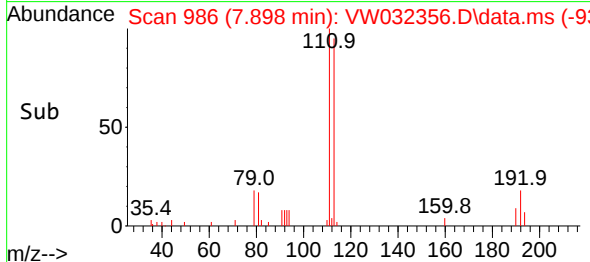
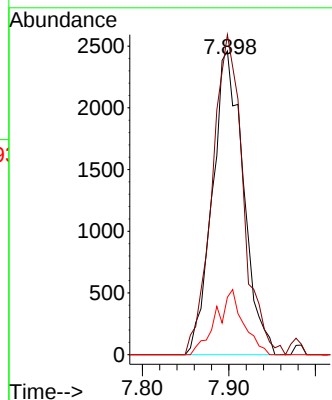
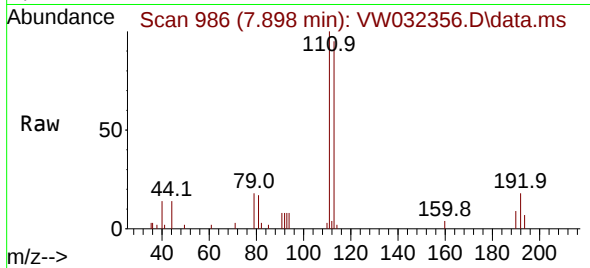




#35
 Dibromofluoromethane
 Concen: 61.942 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032356.D
 Acq: 06 Oct 2025 14:05

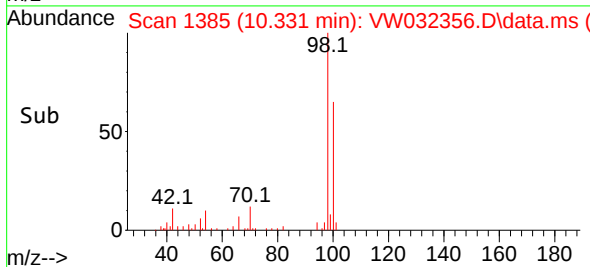
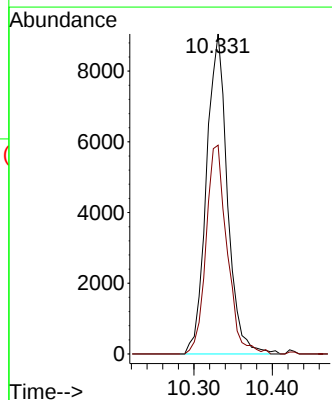
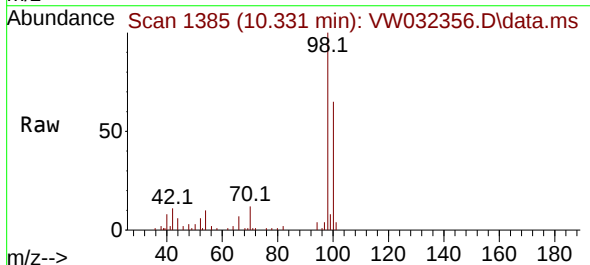
Instrument :
 MSVOA_W
 ClientSampleId :
 SG-1-TEST-PIT

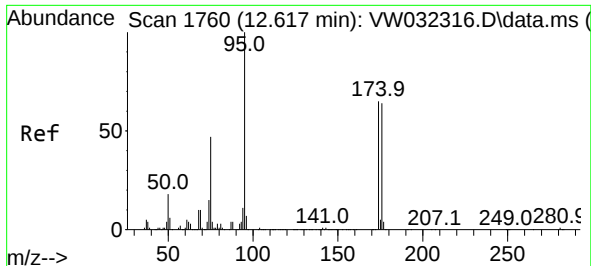
Tgt Ion:113 Resp: 6115
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.9 125.9
 192 19.0 14.6 21.8



#50
 Toluene-d8
 Concen: 46.210 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032356.D
 Acq: 06 Oct 2025 14:05

Tgt Ion: 98 Resp: 16837
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.4 77.2

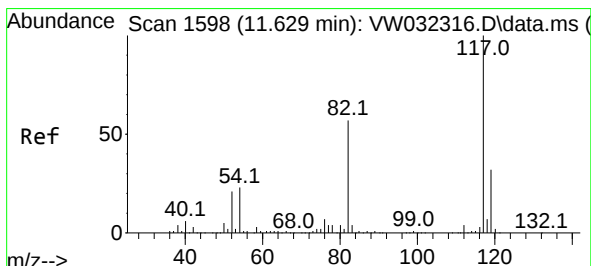
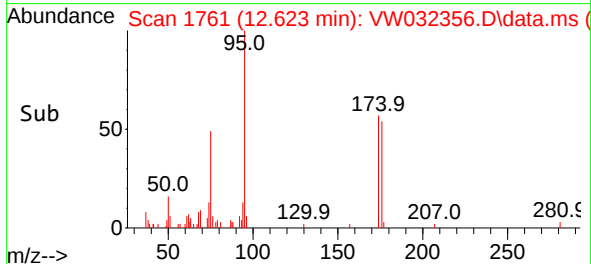
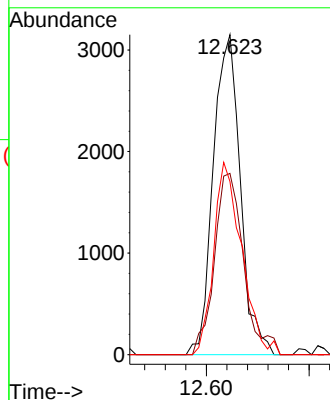
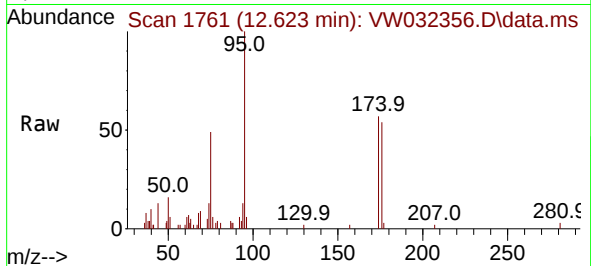




#62
4-Bromofluorobenzene
Concen: 41.774 ug/l
RT: 12.623 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VW032356.D
Acq: 06 Oct 2025 14:05

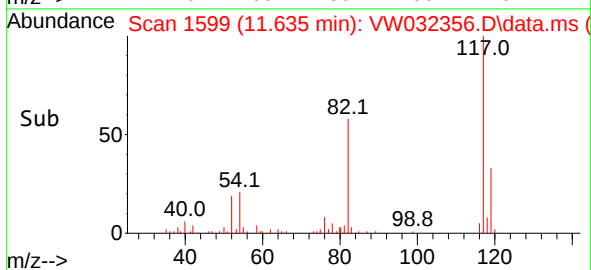
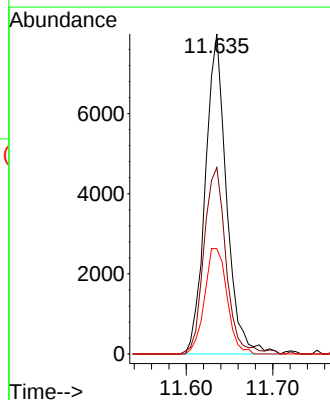
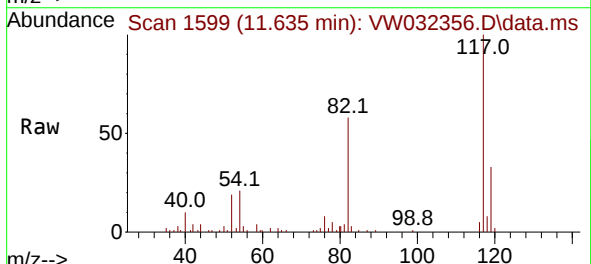
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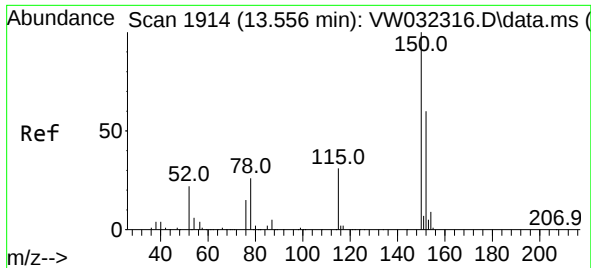
Tgt Ion:	95	Resp:	5753
Ion	Ratio	Lower	Upper
95	100		
174	61.2	0.0	145.6
176	62.3	0.0	140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032356.D
Acq: 06 Oct 2025 14:05

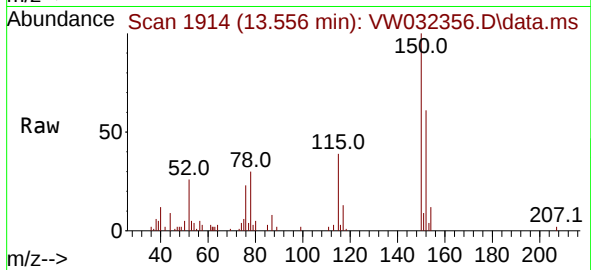
Tgt Ion:	117	Resp:	13569
Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.7	64.1
119	32.9	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032356.D
 Acq: 06 Oct 2025 14:05

Instrument :
 MSVOA_W
 ClientSampleId :
 SG-1-TEST-PIT



Tgt Ion:	152	Resp:	5535
Ion Ratio	Lower	Upper	
152	100		
115	64.2	31.8	95.4
150	161.0	0.0	343.0

