

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032382.D
 Acq On : 20 Oct 2025 12:44
 Operator : SY/MD
 Sample : Q3363-05
 Misc : 5.32g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP01-20251015

Quant Time: Oct 21 01:25:26 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)

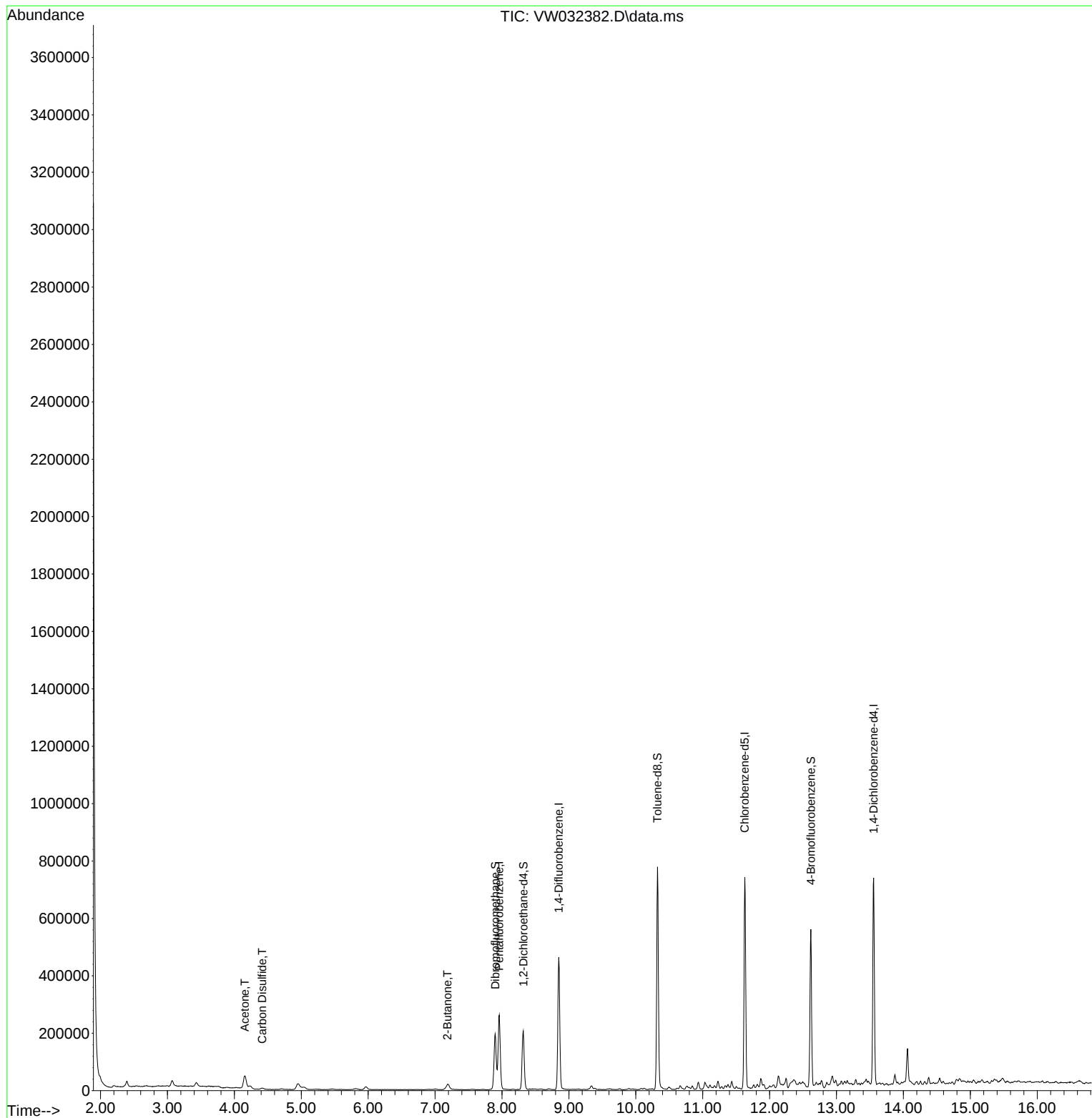
Internal Standards						
1) Pentafluorobenzene	7.959	168	173392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	385425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	401644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	188999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168574	66.656	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	133.320%	
35) Dibromofluoromethane	7.898	113	142606	57.133	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	114.260%	
50) Toluene-d8	10.324	98	479079	52.004	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	104.000%	
62) 4-Bromofluorobenzene	12.617	95	187434	53.830	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	107.660%	
Target Compounds						
						Qvalue
16) Acetone	4.155	43	84947	121.306	ug/l	98
17) Carbon Disulfide	4.417	76	10689	2.005	ug/l #	94
25) 2-Butanone	7.185	43	29917	31.368	ug/l	93

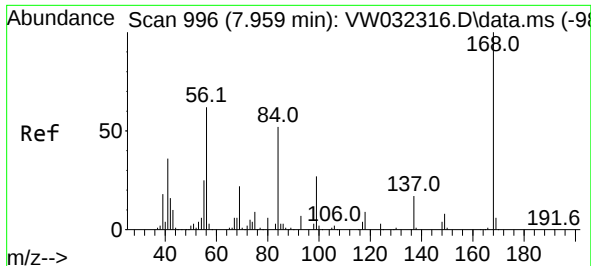
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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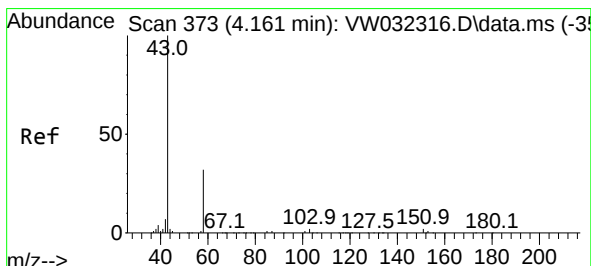
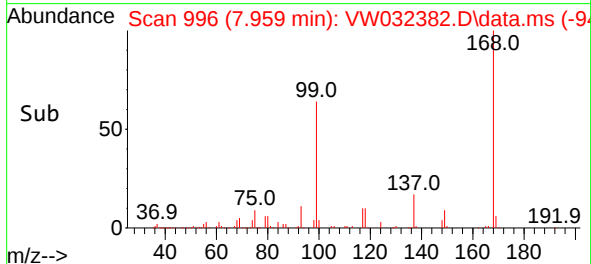
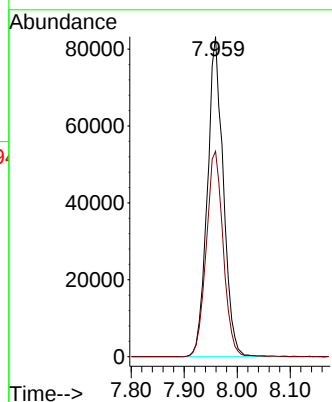
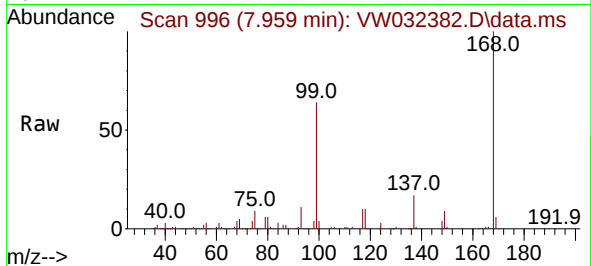




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

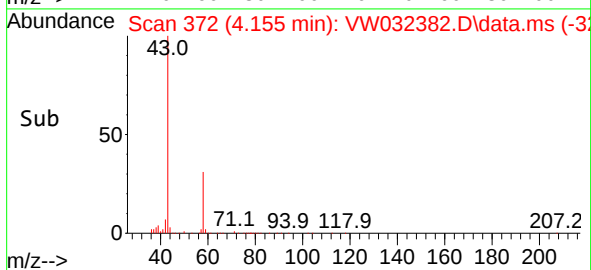
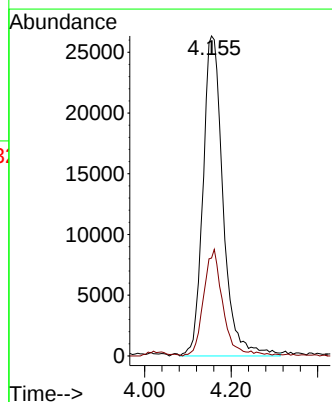
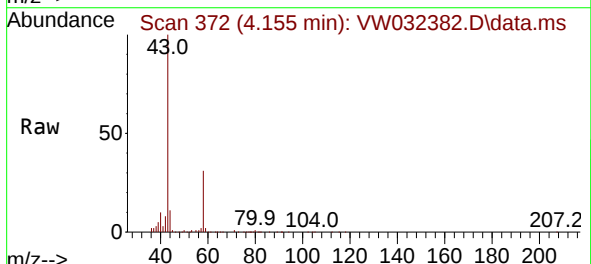
Instrument :
MSVOA_W
ClientSampleId :
COMP01-20251015

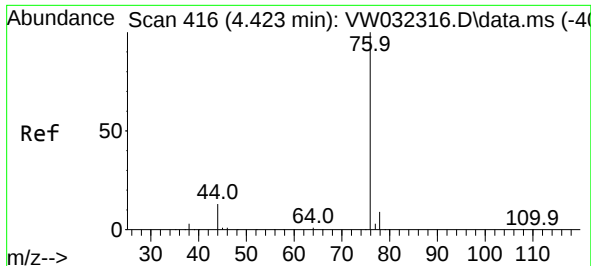
Tgt Ion:168 Resp: 173392
Ion Ratio Lower Upper
168 100
99 64.2 49.3 73.9



#16
Acetone
Concen: 121.306 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 43 Resp: 84947
Ion Ratio Lower Upper
43 100
58 30.3 25.3 37.9

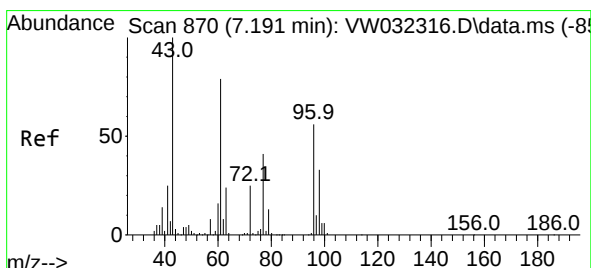
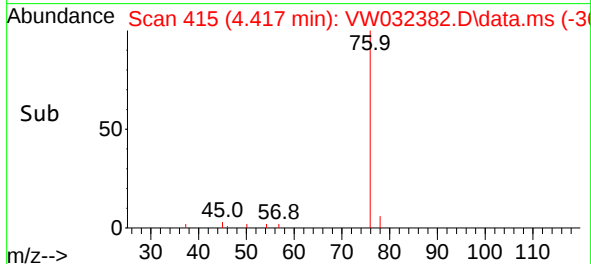
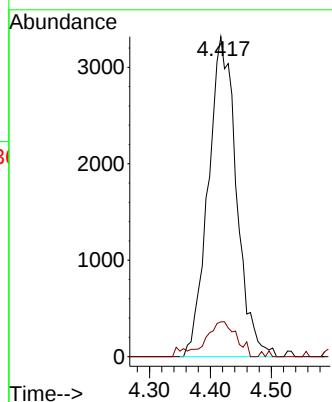
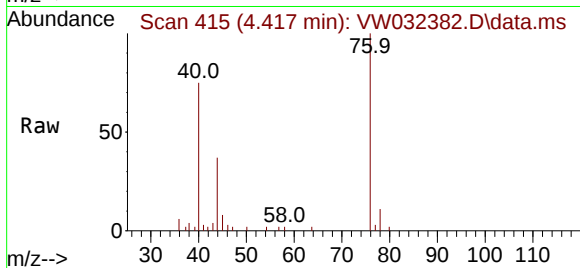




#17
Carbon Disulfide
Concen: 2.005 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

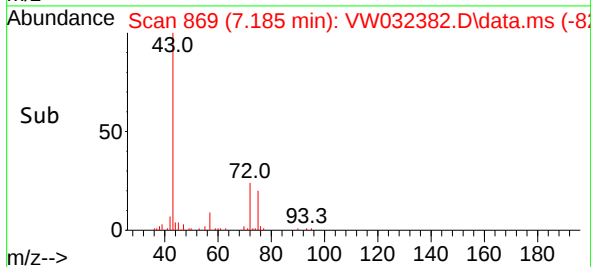
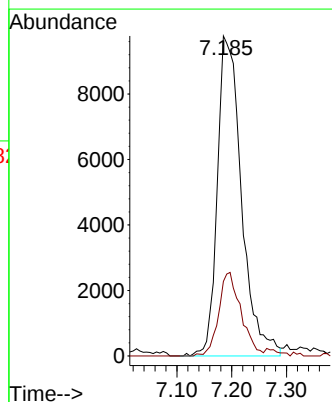
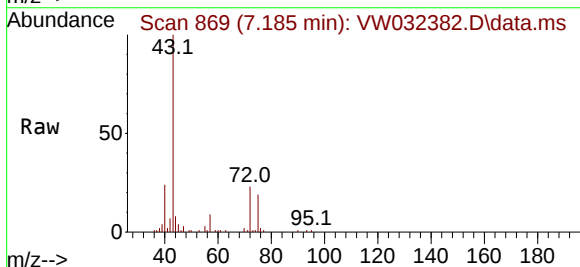
Instrument :
MSVOA_W
ClientSampleId :
COMP01-20251015

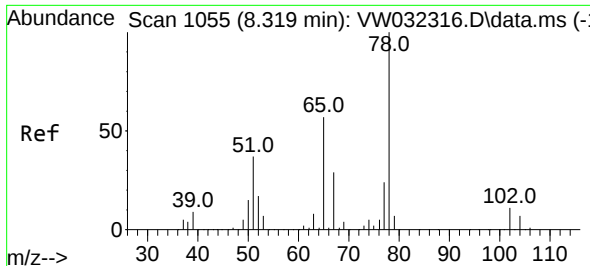
Tgt Ion: 76 Resp: 10689
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#



#25
2-Butanone
Concen: 31.368 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 43 Resp: 29917
Ion Ratio Lower Upper
43 100
72 23.3 21.4 32.2

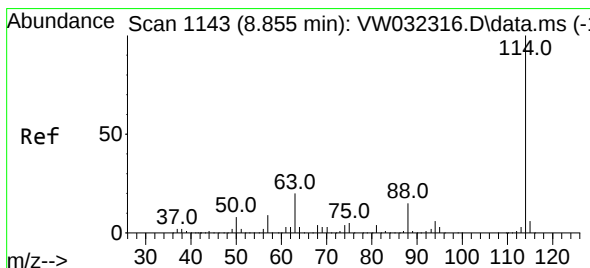
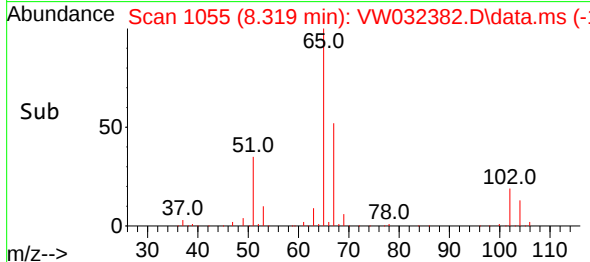
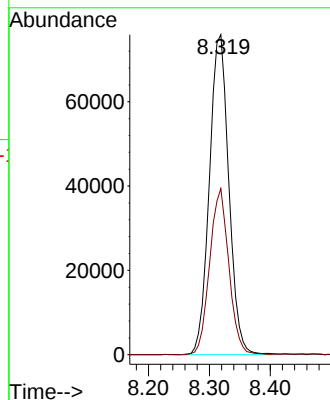
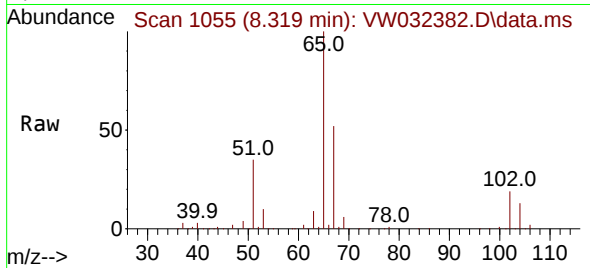




#33
 1,2-Dichloroethane-d4
 Concen: 66.656 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032382.D
 Acq: 20 Oct 2025 12:44

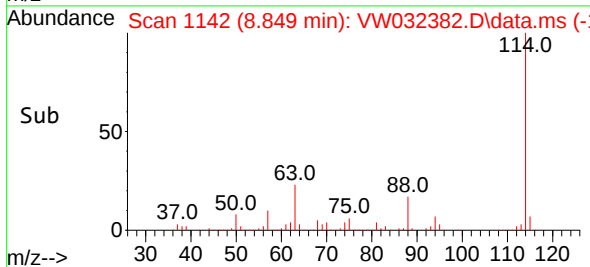
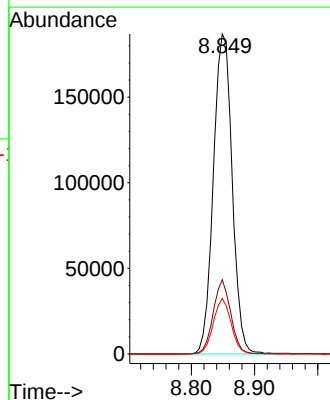
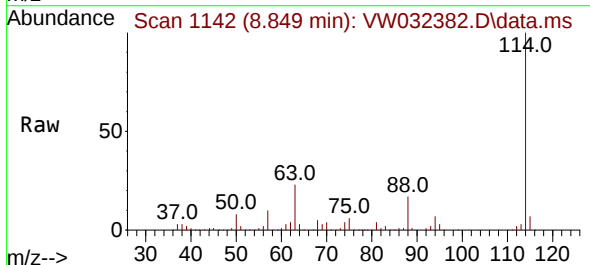
Instrument :
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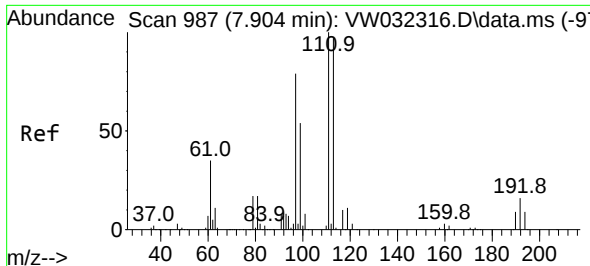
Tgt Ion: 65 Resp: 168574
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032382.D
 Acq: 20 Oct 2025 12:44

Tgt Ion: 114 Resp: 385425
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 40.4
 88 17.3 0.0 32.0

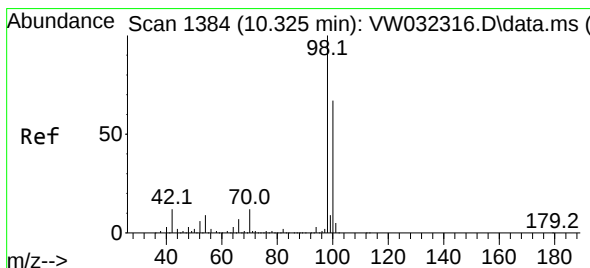
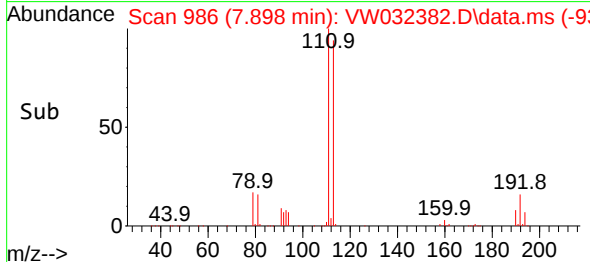
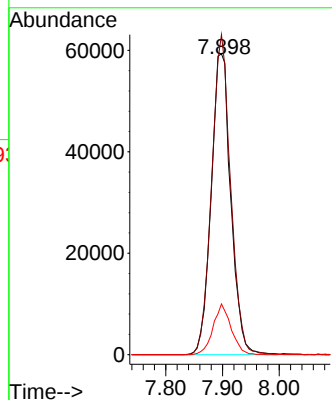
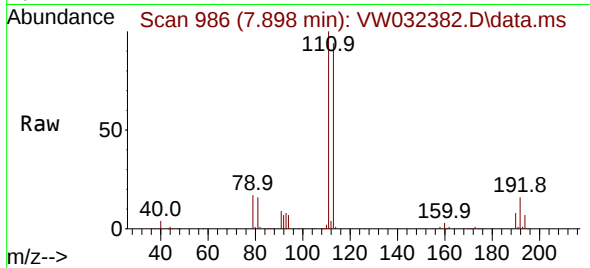




#35
 Dibromofluoromethane
 Concen: 57.133 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032382.D
 Acq: 20 Oct 2025 12:44

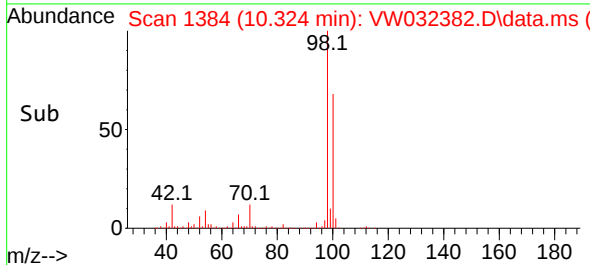
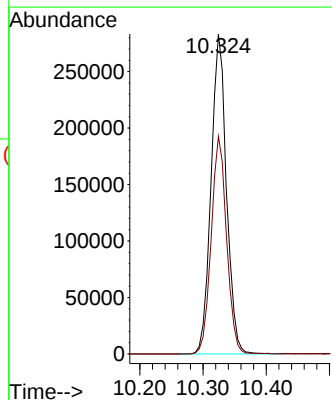
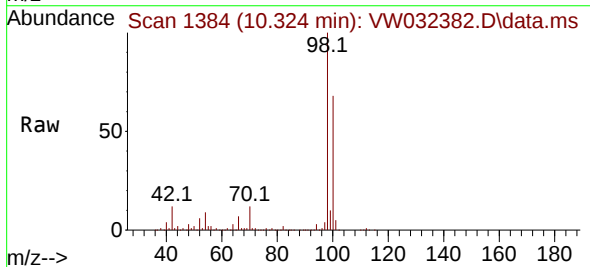
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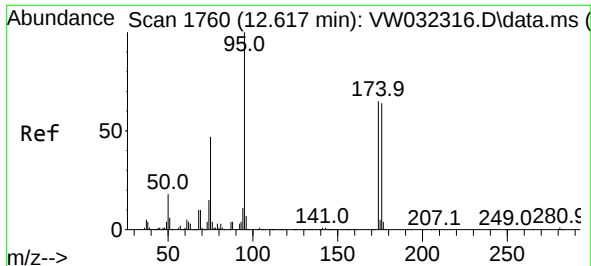
Tgt Ion:113 Resp: 142606
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.9 125.9
 192 15.5 14.6 21.8



#50
 Toluene-d8
 Concen: 52.004 ug/l
 RT: 10.324 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032382.D
 Acq: 20 Oct 2025 12:44

Tgt Ion: 98 Resp: 479079
 Ion Ratio Lower Upper
 98 100
 100 67.9 51.4 77.2

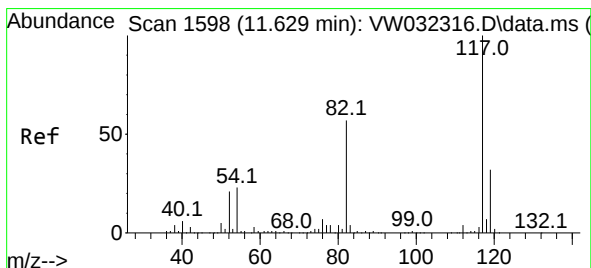
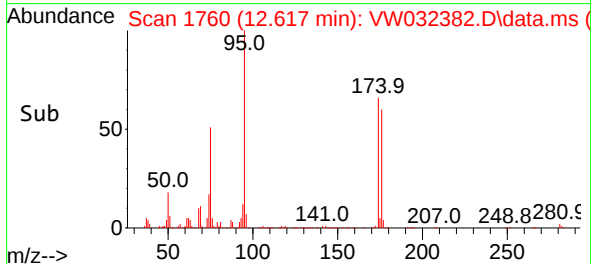
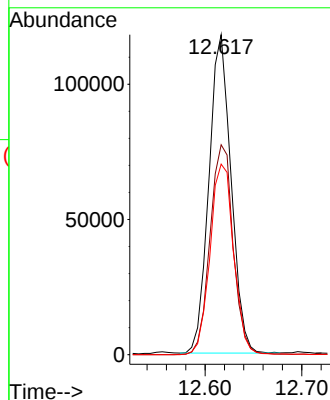
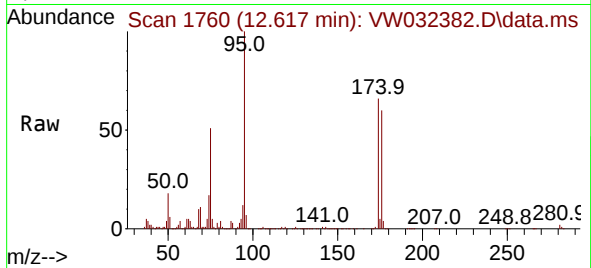




#62
4-Bromofluorobenzene
Concen: 53.830 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

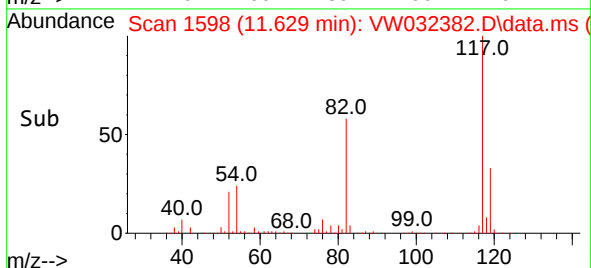
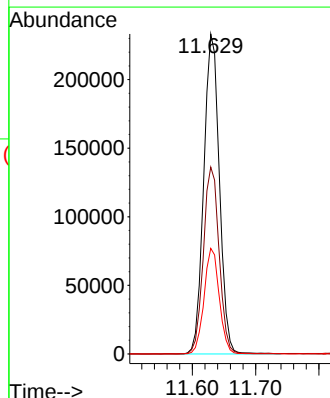
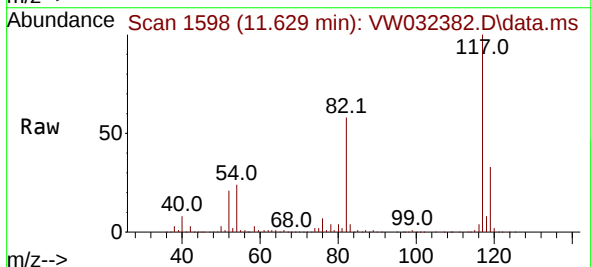
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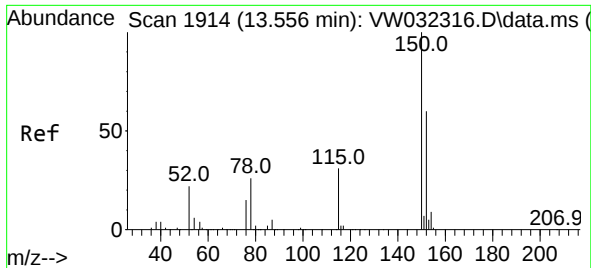
Tgt Ion: 95 Resp: 187434
Ion Ratio Lower Upper
95 100
174 69.0 0.0 145.6
176 63.9 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032382.D
Acq: 20 Oct 2025 12:44

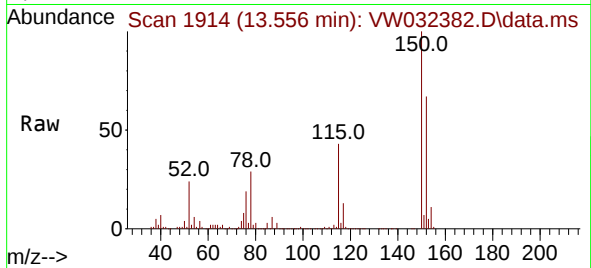
Tgt Ion: 117 Resp: 401644
Ion Ratio Lower Upper
117 100
82 58.3 42.7 64.1
119 33.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032382.D
 Acq: 20 Oct 2025 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP01-20251015



Tgt Ion:152 Resp: 188999
 Ion Ratio Lower Upper
 152 100
 115 66.0 31.8 95.4
 150 156.6 0.0 343.0

