

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032331.D
 Acq On : 02 Oct 2025 14:41
 Operator : SY/MD
 Sample : Q3262-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0280

Quant Time: Oct 02 22:10:20 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)

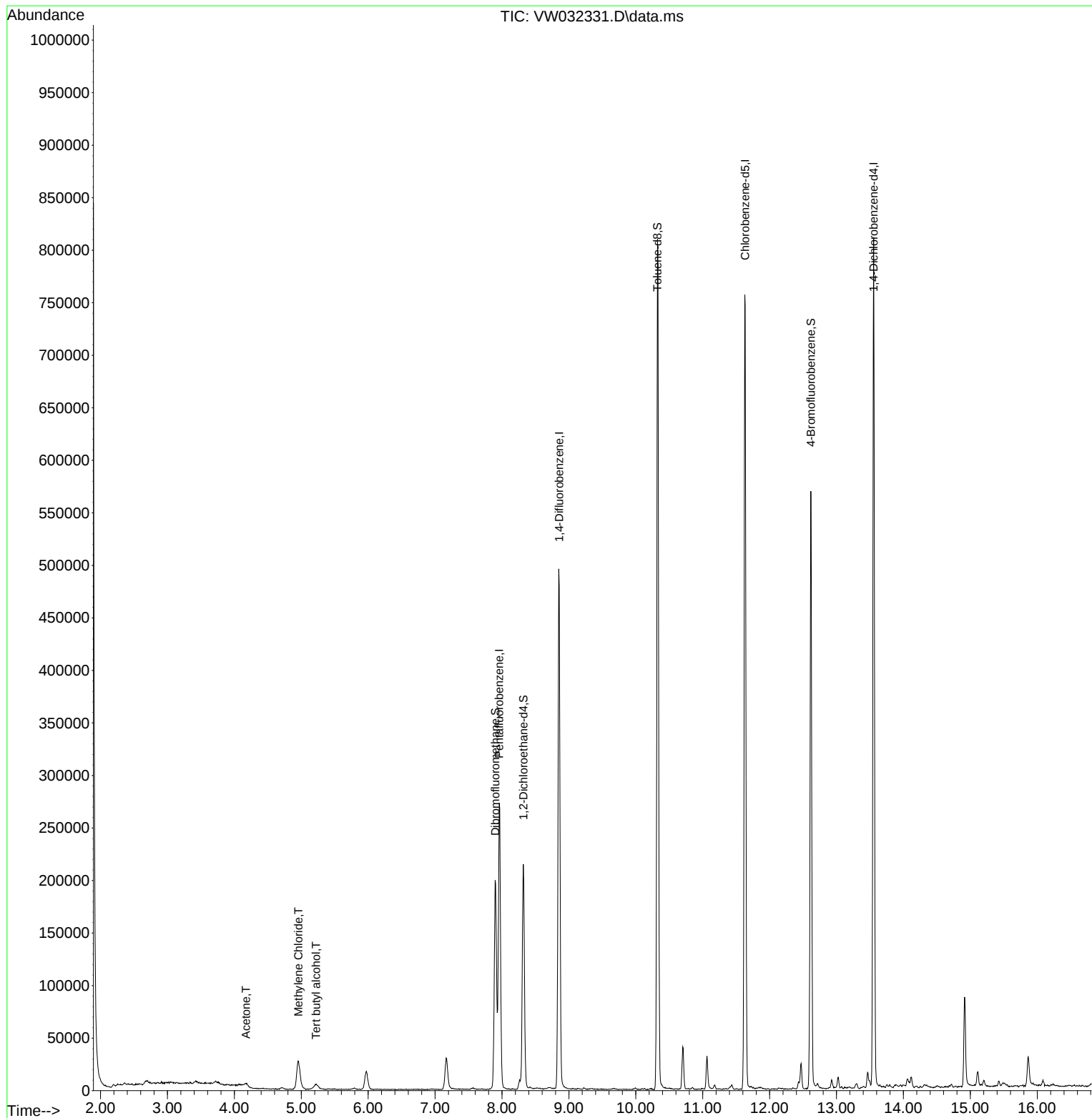
Internal Standards						
1) Pentafluorobenzene	7.959	168	182137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	415669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	420484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	206810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	176059	66.273	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	132.540%	
35) Dibromofluoromethane	7.898	113	146337	54.362	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	108.720%	
50) Toluene-d8	10.325	98	531943	53.541	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	107.080%	
62) 4-Bromofluorobenzene	12.617	95	200253	53.327	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	106.660%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.222	59	8169	40.625	ug/l	# 89
16) Acetone	4.173	43	3325	4.520	ug/l	95
20) Methylene Chloride	4.960	84	23595	4.864	ug/l	97

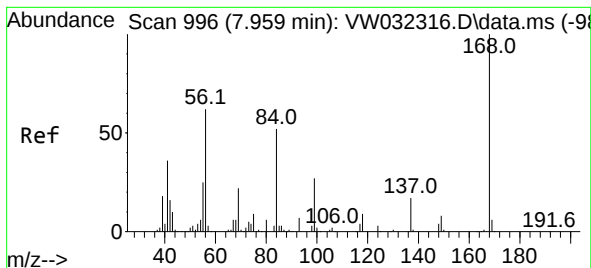
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 02 21:24:16 2025
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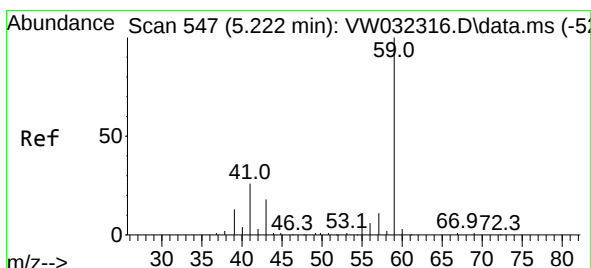
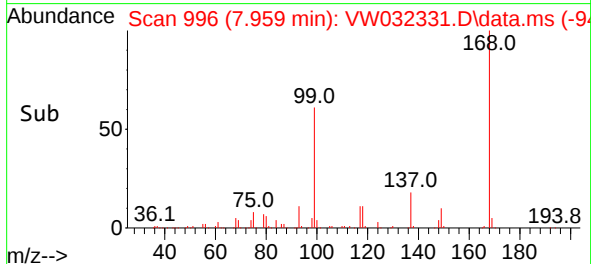
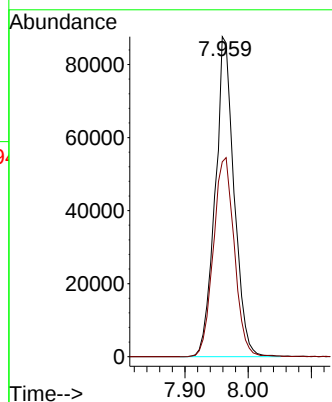
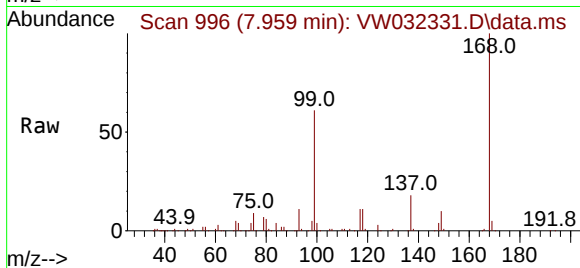




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

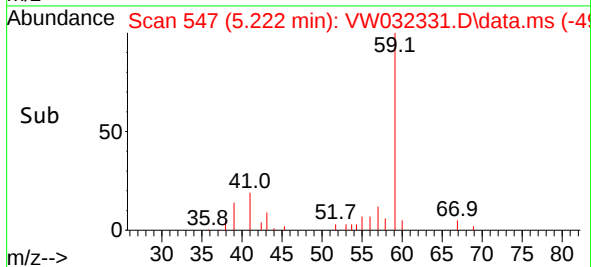
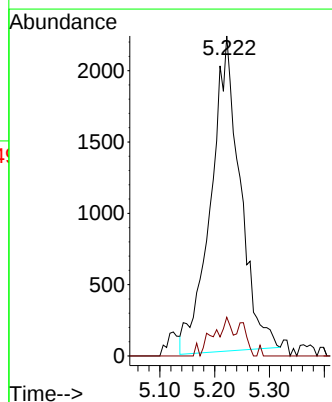
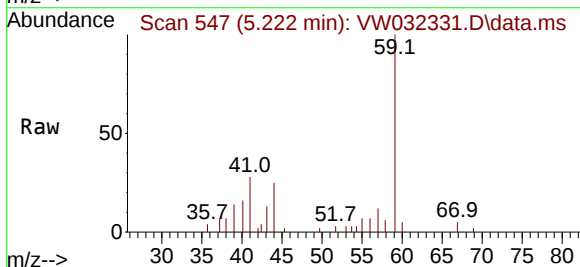
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0280

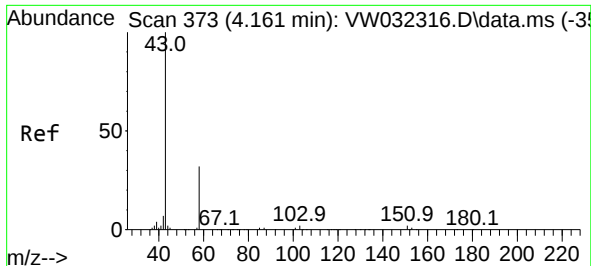
Tgt Ion:168 Resp: 182137
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9



#11
Tert butyl alcohol
Concen: 40.625 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

Tgt Ion: 59 Resp: 8169
Ion Ratio Lower Upper
59 100
57 7.7 9.8 14.6#

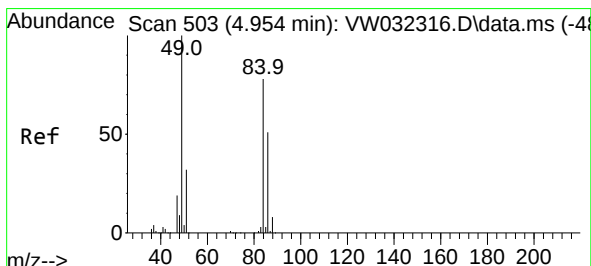
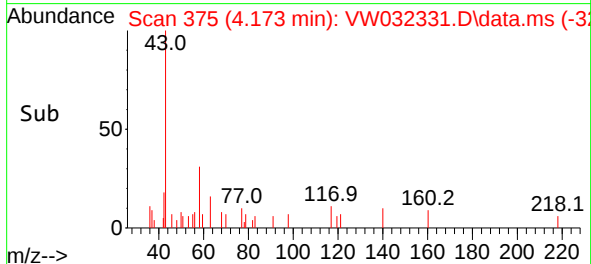
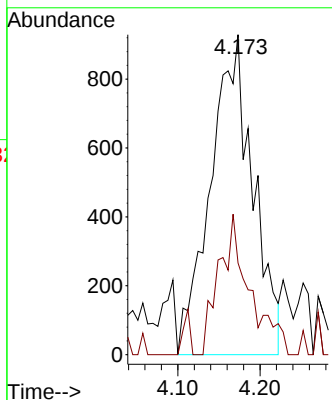
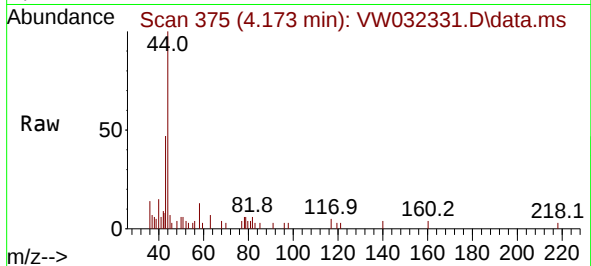




#16
Acetone
Concen: 4.520 ug/l
RT: 4.173 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

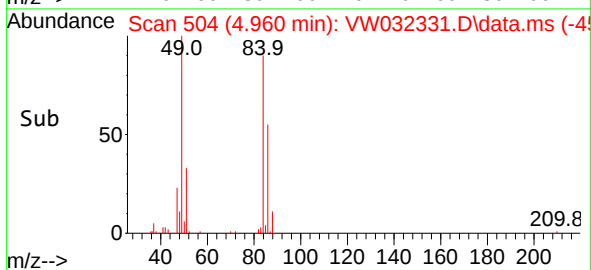
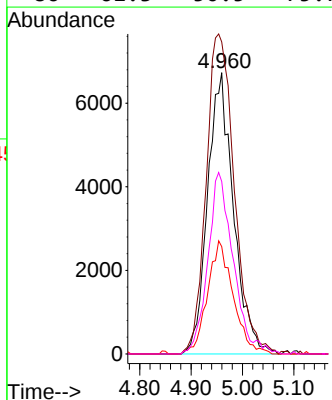
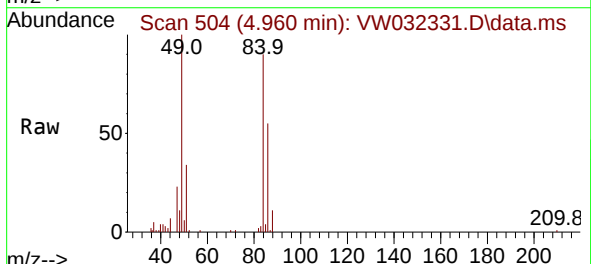
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0280

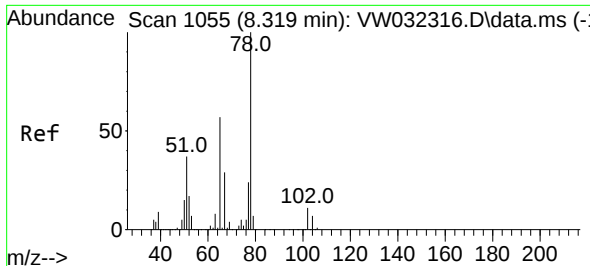
Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
58 28.6 25.3 37.9



#20
Methylene Chloride
Concen: 4.864 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

Tgt Ion: 84 Resp: 23595
Ion Ratio Lower Upper
84 100
49 111.0 92.2 138.4
51 38.2 31.0 46.6
86 61.3 50.5 75.7

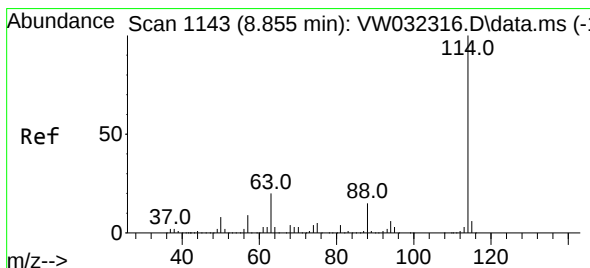
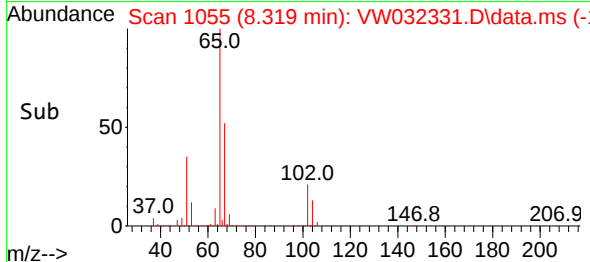
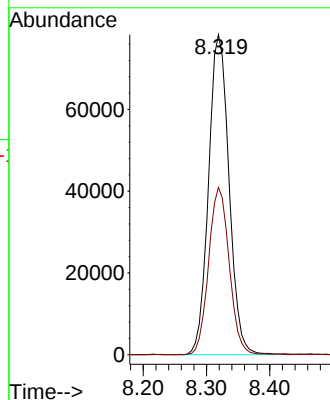
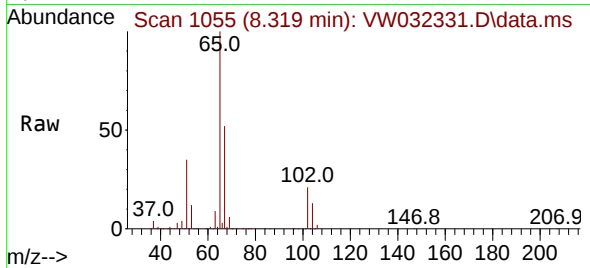




#33
 1,2-Dichloroethane-d4
 Concen: 66.273 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032331.D
 Acq: 02 Oct 2025 14:41

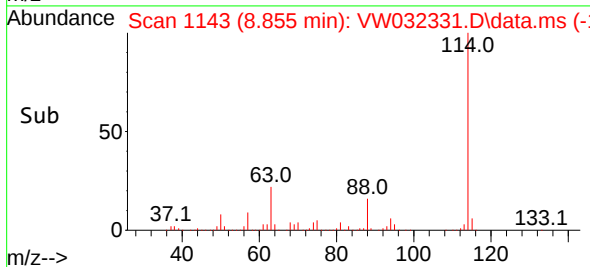
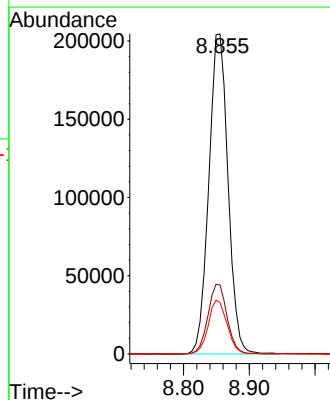
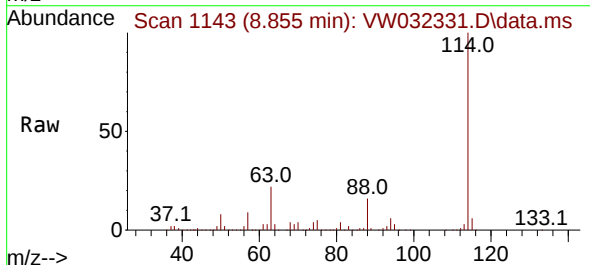
Instrument :
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 MOO-25-0280

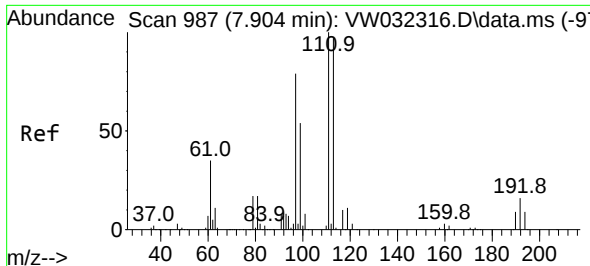
Tgt Ion: 65 Resp: 176059
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032331.D
 Acq: 02 Oct 2025 14:41

Tgt Ion: 114 Resp: 415669
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.4
 88 16.1 0.0 32.0

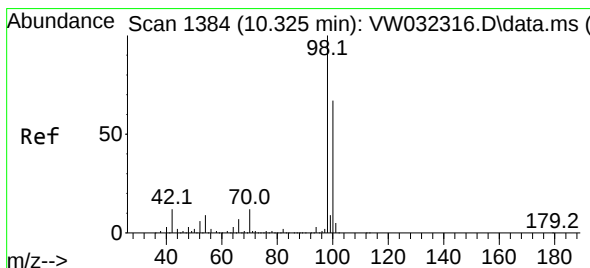
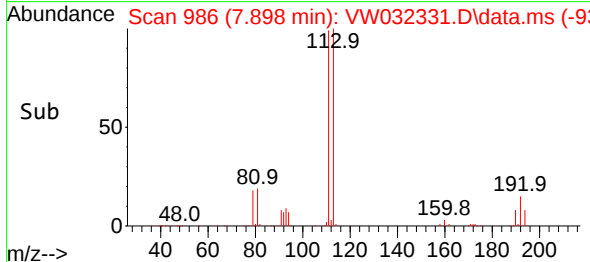
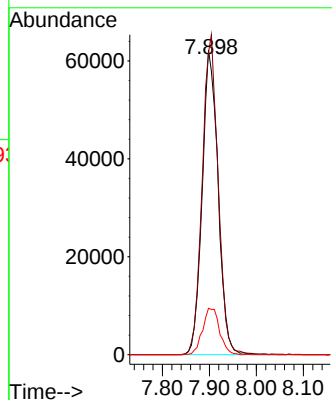
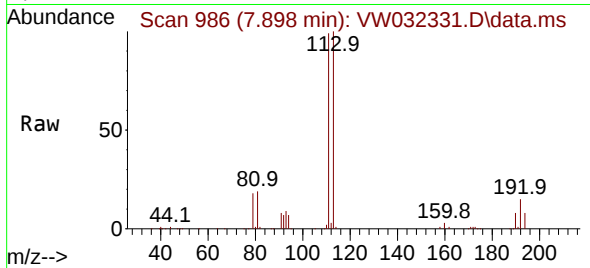




#35
 Dibromofluoromethane
 Concen: 54.362 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032331.D
 Acq: 02 Oct 2025 14:41

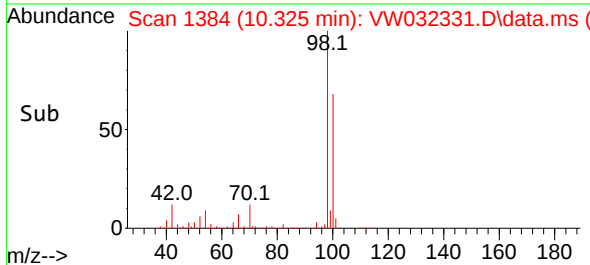
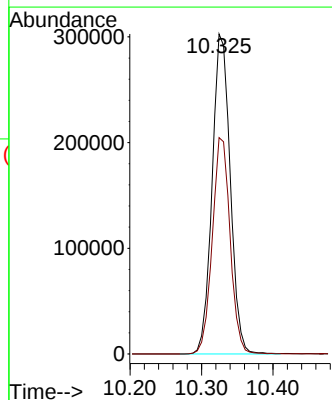
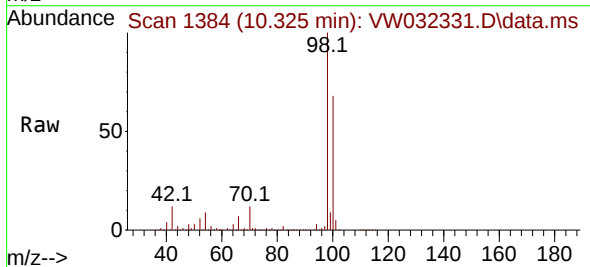
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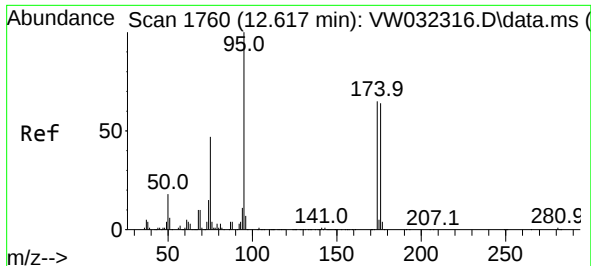
Tgt Ion:113 Resp: 146337
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.9 125.9
 192 16.2 14.6 21.8



#50
 Toluene-d8
 Concen: 53.541 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032331.D
 Acq: 02 Oct 2025 14:41

Tgt Ion: 98 Resp: 531943
 Ion Ratio Lower Upper
 98 100
 100 66.6 51.4 77.2

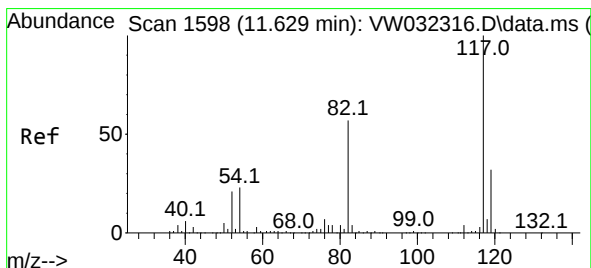
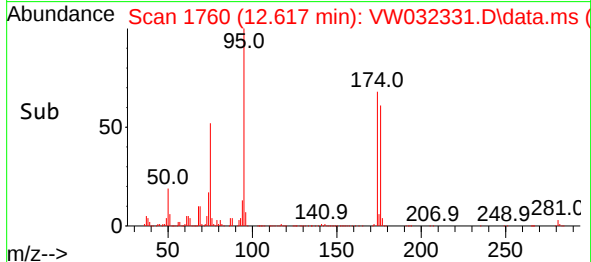
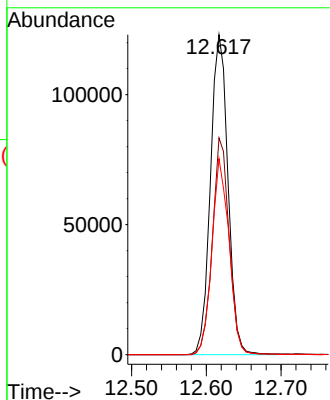
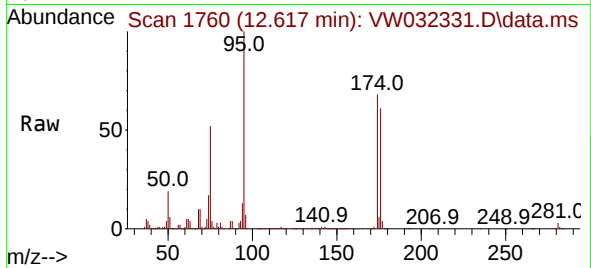




#62
4-Bromofluorobenzene
Concen: 53.327 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

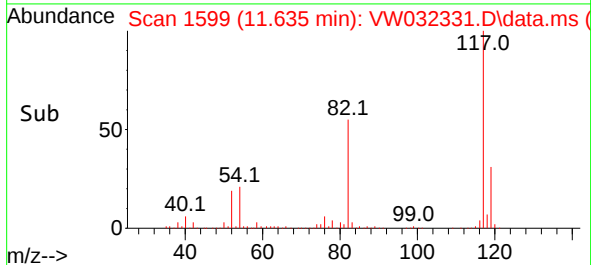
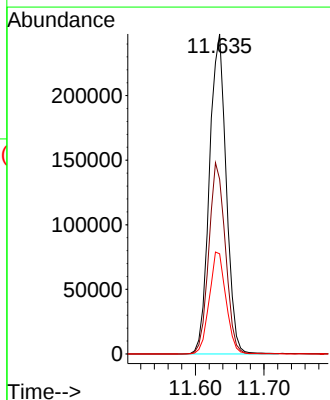
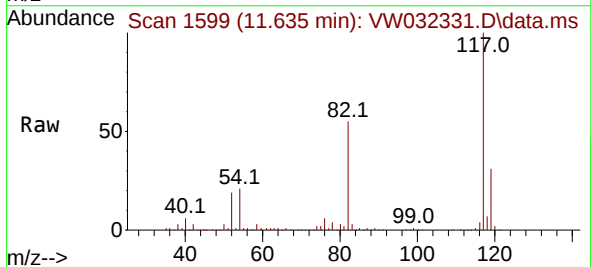
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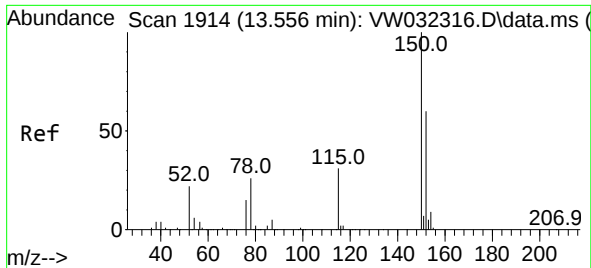
Tgt Ion: 95 Resp: 200253
Ion Ratio Lower Upper
95 100
174 65.3 0.0 145.6
176 60.4 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032331.D
Acq: 02 Oct 2025 14:41

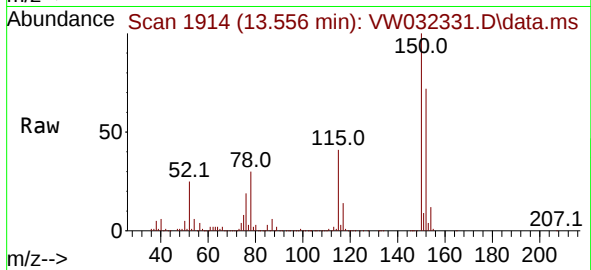
Tgt Ion: 117 Resp: 420484
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032331.D
 Acq: 02 Oct 2025 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0280



Tgt Ion:152 Resp: 206810
 Ion Ratio Lower Upper
 152 100
 115 64.7 31.8 95.4
 150 152.5 0.0 343.0

