

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032526.D
 Acq On : 21 Nov 2025 15:16
 Operator : SY/MD
 Sample : Q3697-01
 Misc : 4.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MOO-25-0331

Quant Time: Nov 26 01:22:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

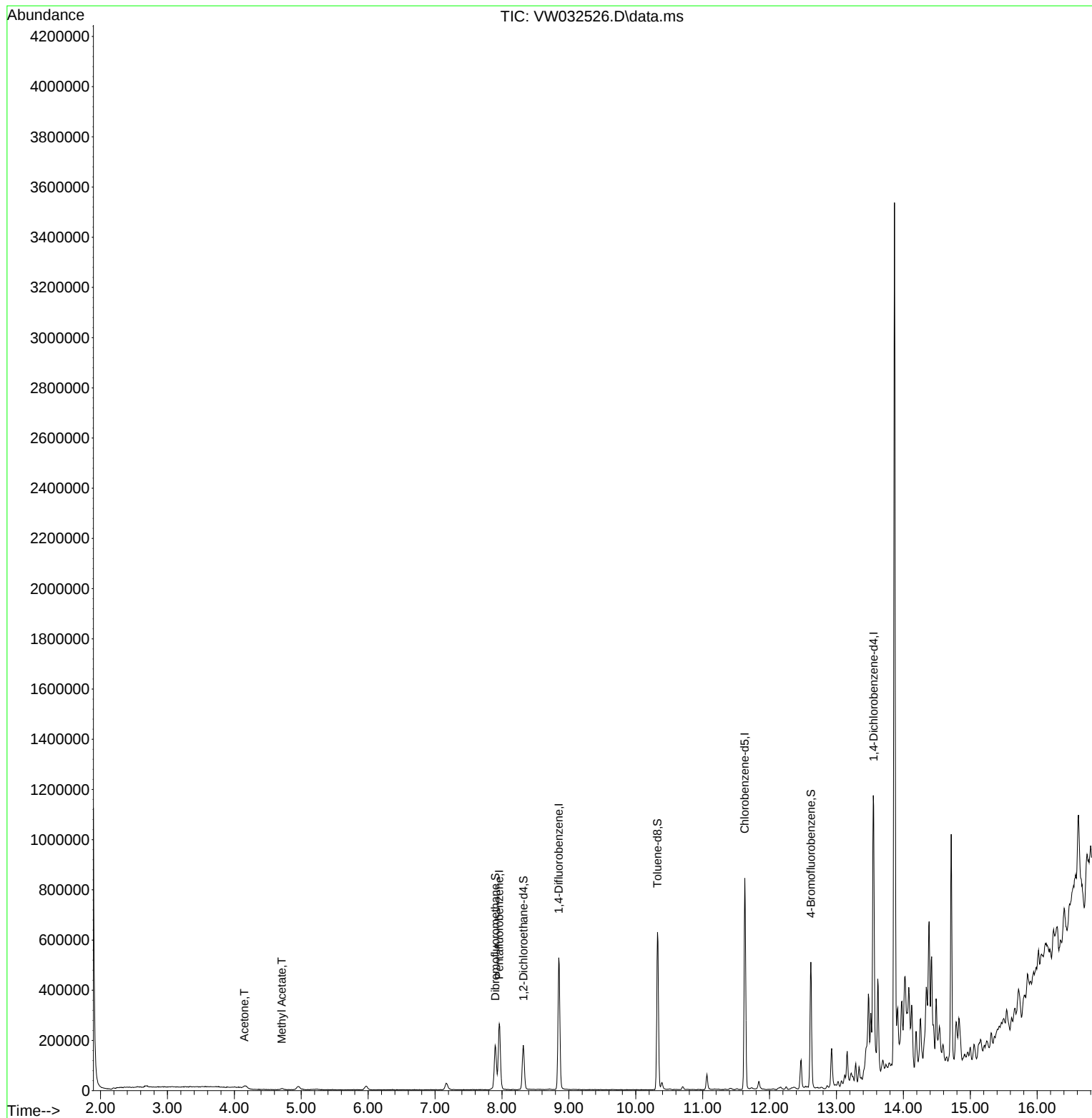
Internal Standards						
1) Pentafluorobenzene	7.959	168	183174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	435001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	448040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	200363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141756	60.027	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 120.060%	
35) Dibromofluoromethane	7.898	113	130623	50.154	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.300%	
50) Toluene-d8	10.325	98	415850	41.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 83.240%	
62) 4-Bromofluorobenzene	12.617	95	179889	47.660	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.149	43	11462	16.223	ug/l	94
18) Methyl Acetate	4.710	43	10641	6.082	ug/l	96

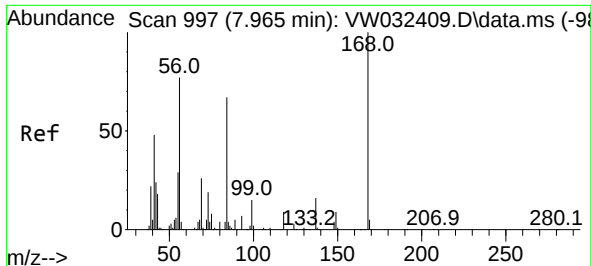
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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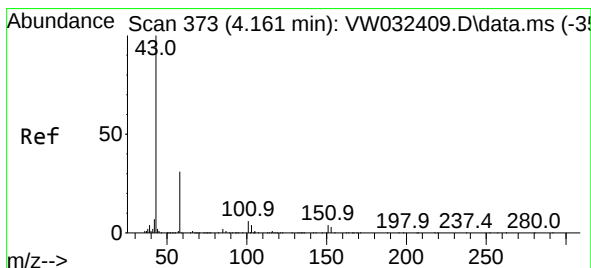
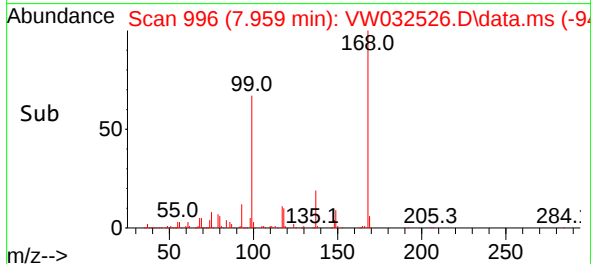
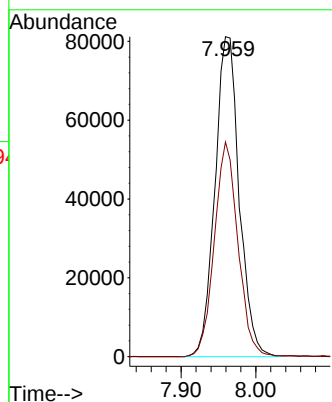
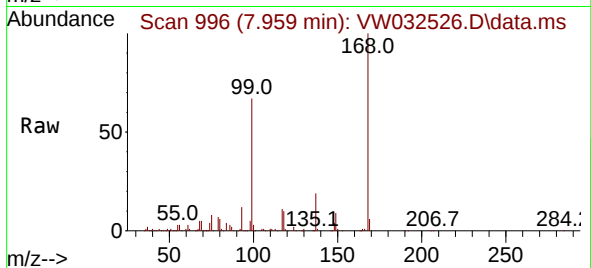




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

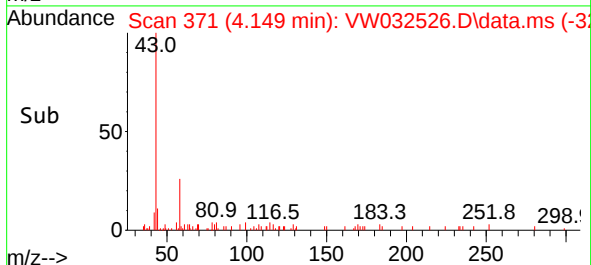
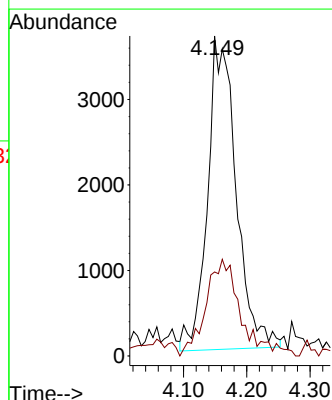
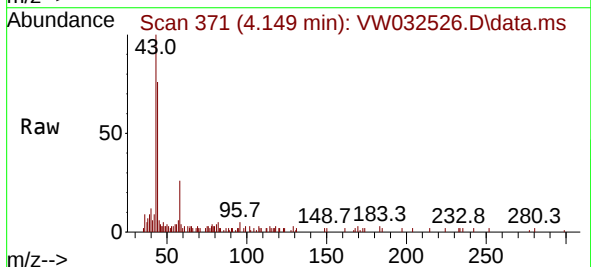
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0331

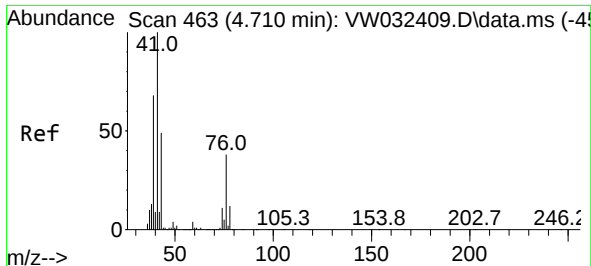
Tgt Ion:168 Resp: 183174
Ion Ratio Lower Upper
168 100
99 67.1 45.4 68.2



#16
Acetone
Concen: 16.223 ug/l
RT: 4.149 min Scan# 371
Delta R.T. -0.012 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Tgt Ion: 43 Resp: 11462
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2

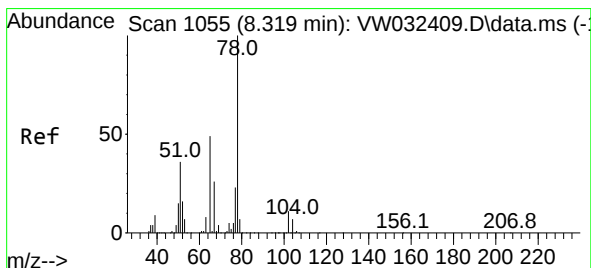
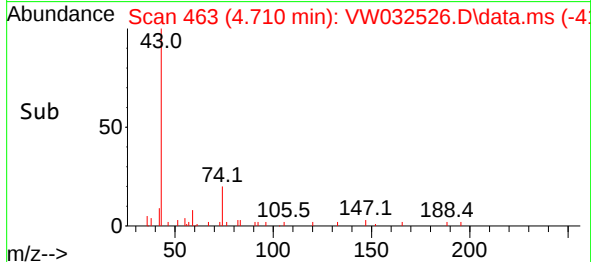
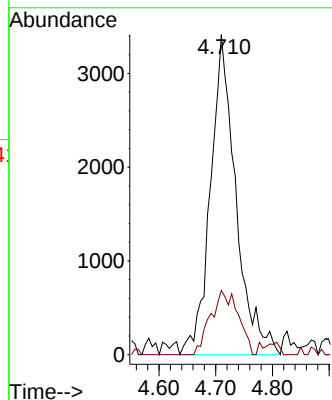
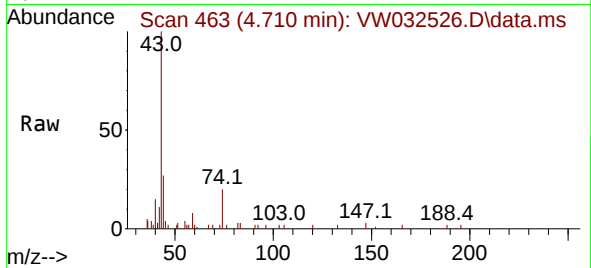




#18
Methyl Acetate
Concen: 6.082 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

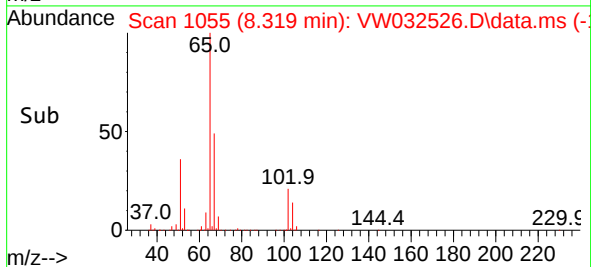
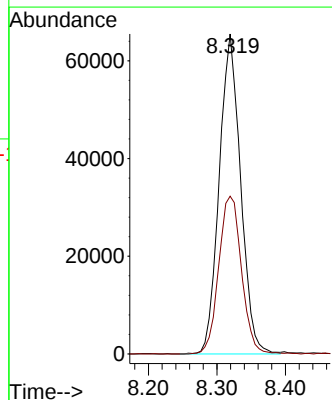
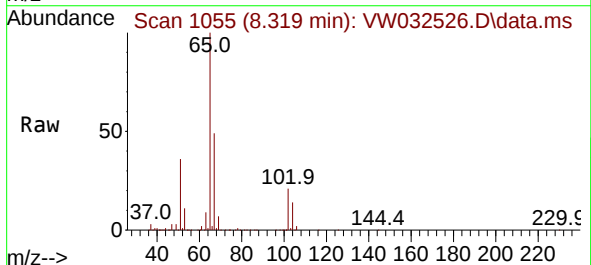
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0331

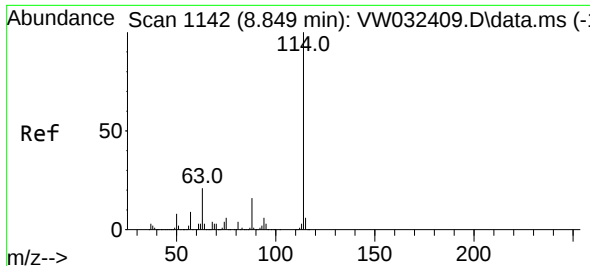
Tgt Ion: 43 Resp: 10641
Ion Ratio Lower Upper
43 100
74 21.8 18.9 28.3



#33
1,2-Dichloroethane-d4
Concen: 60.027 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Tgt Ion: 65 Resp: 141756
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8

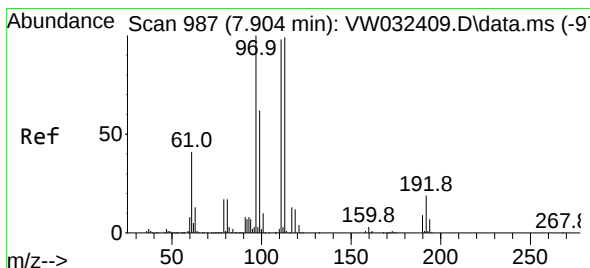
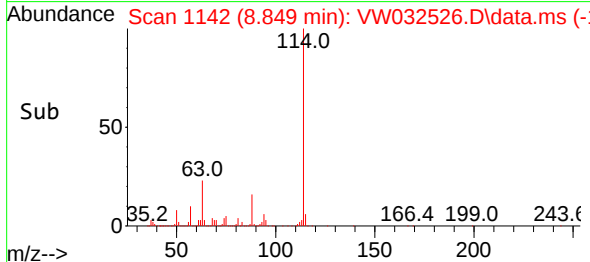
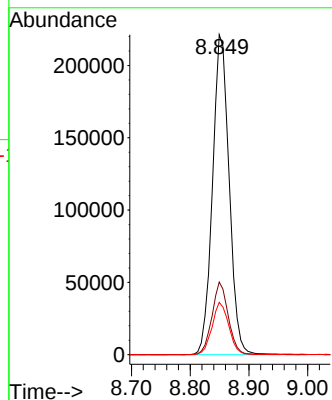
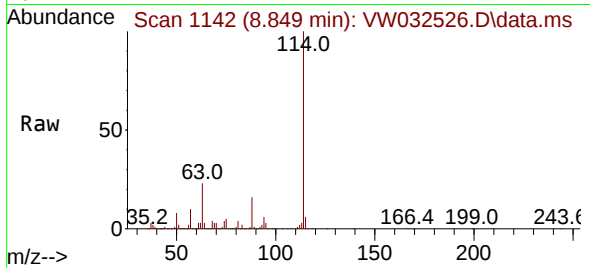




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

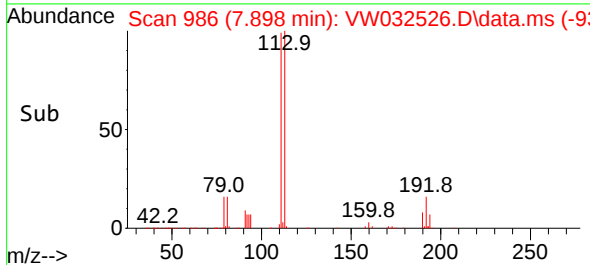
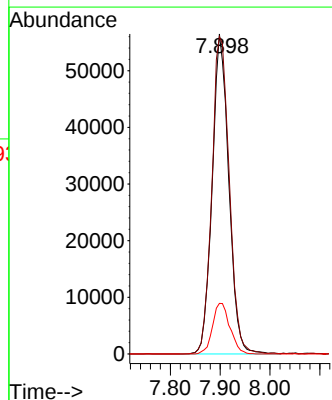
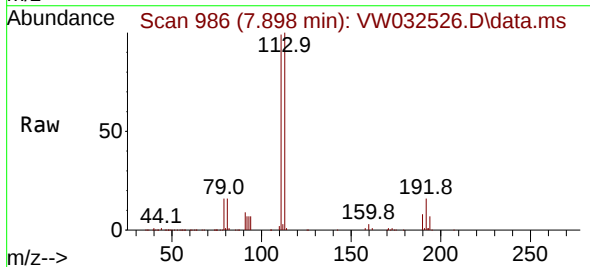
Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0331

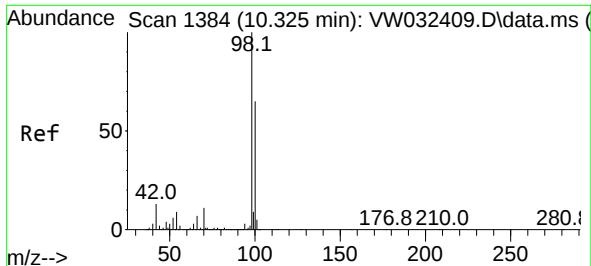
Tgt Ion:114 Resp: 435001
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.154 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Tgt Ion:113 Resp: 130623
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 16.6 13.4 20.2

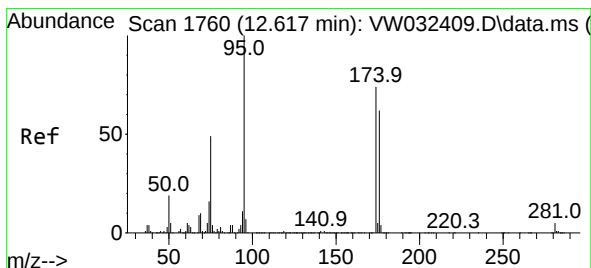
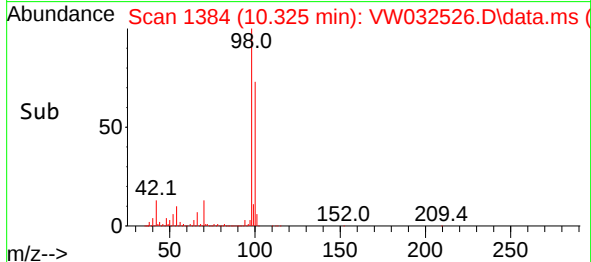
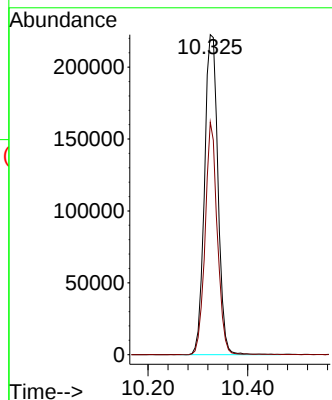
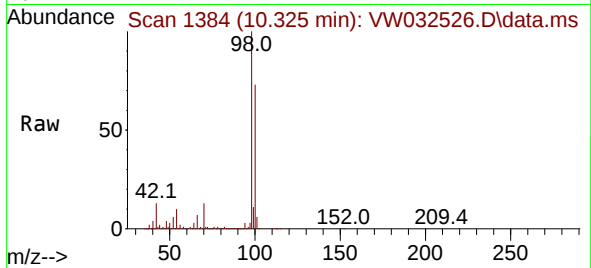




#50
Toluene-d8
Concen: 41.620 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

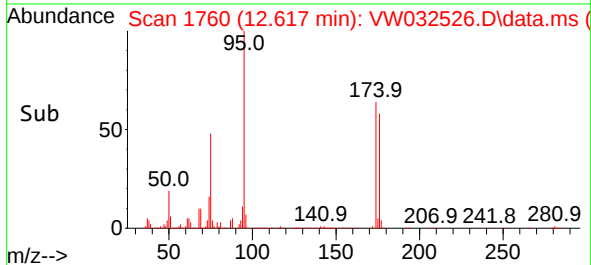
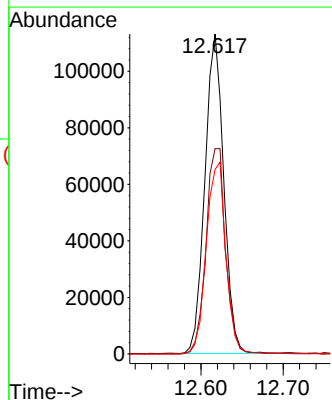
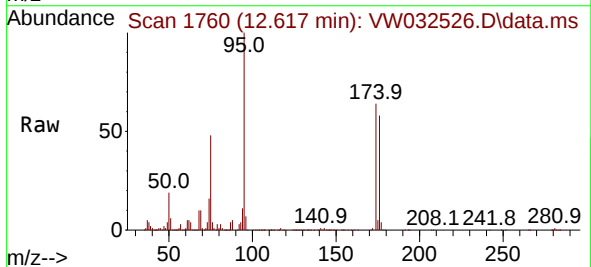
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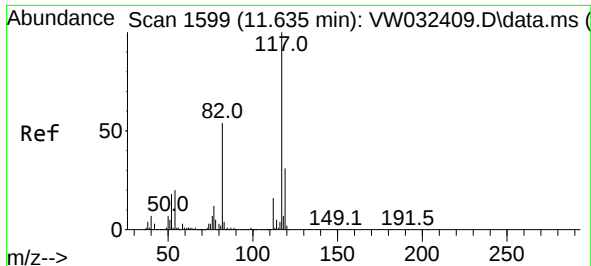
Tgt Ion: 98 Resp: 415850
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.660 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Tgt Ion: 95 Resp: 179889
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.4
176 62.5 0.0 131.8

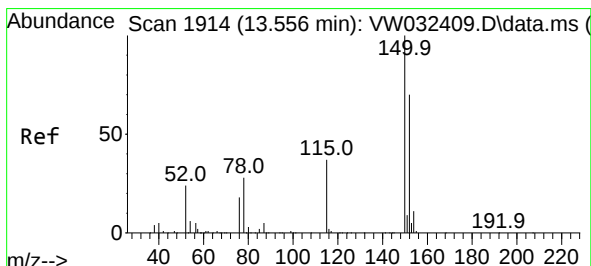
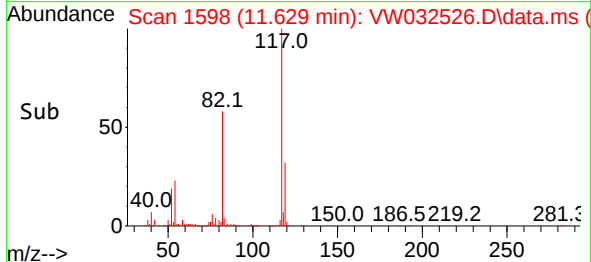
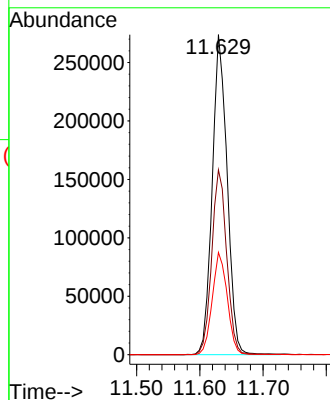
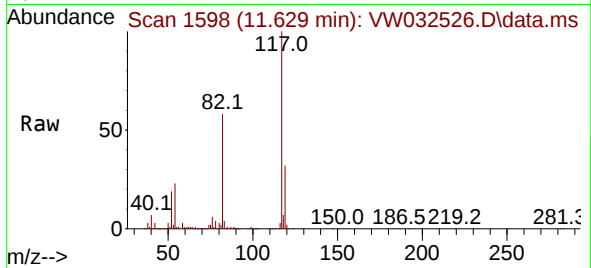




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0331

Tgt Ion:117 Resp: 448040
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032526.D
Acq: 21 Nov 2025 15:16

Tgt Ion:152 Resp: 200363
Ion Ratio Lower Upper
152 100
115 68.0 32.8 98.3
150 163.7 0.0 356.6

