

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032450.D
 Acq On : 17 Nov 2025 12:20
 Operator : SY/MD
 Sample : Q3624-01
 Misc : 5.66g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-11122025

Quant Time: Nov 17 13:46:35 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)

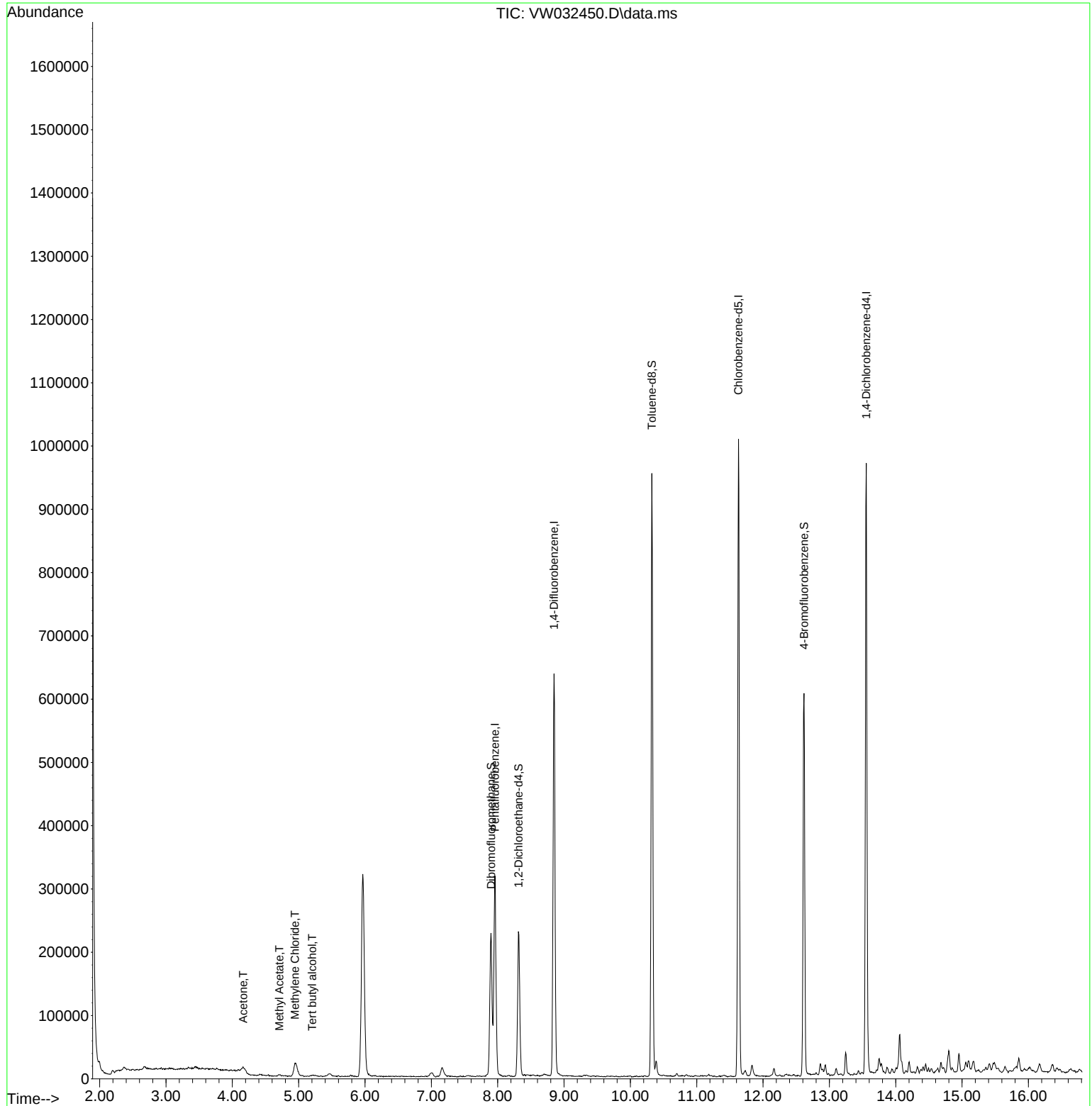
Internal Standards						
1) Pentafluorobenzene	7.959	168	220207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	534224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	549219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	245466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	182923	64.432	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 128.860%		
35) Dibromofluoromethane	7.898	113	170616	53.342	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.680%		
50) Toluene-d8	10.325	98	623075	50.778	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	12.617	95	221510	47.787	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 95.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.204	59	2884m	11.748	ug/l	
16) Acetone	4.161	43	7438	8.757	ug/l	94
18) Methyl Acetate	4.710	43	5071	2.411	ug/l #	70
20) Methylene Chloride	4.941	84	18614	6.128	ug/l	90

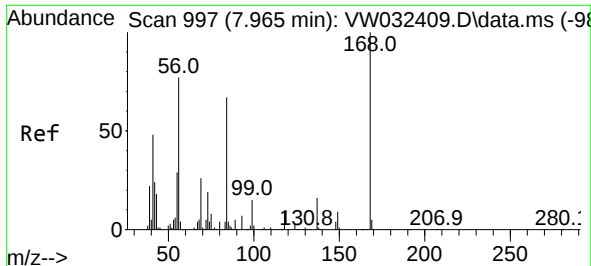
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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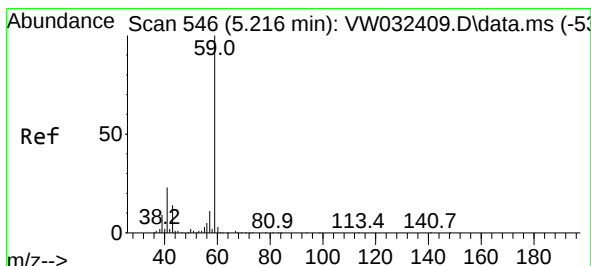
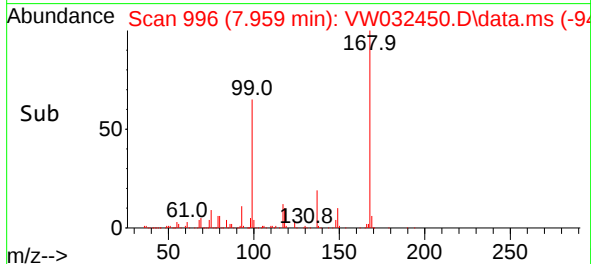
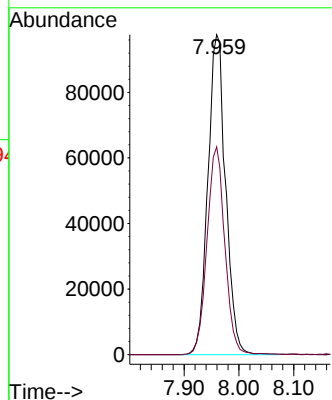
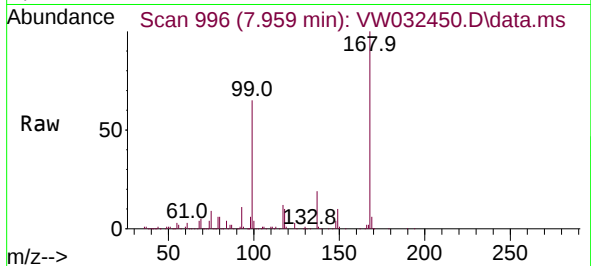




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

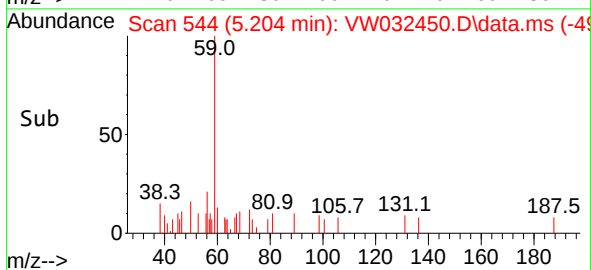
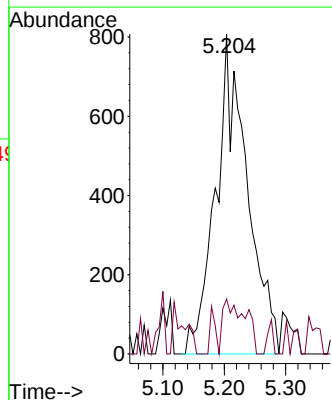
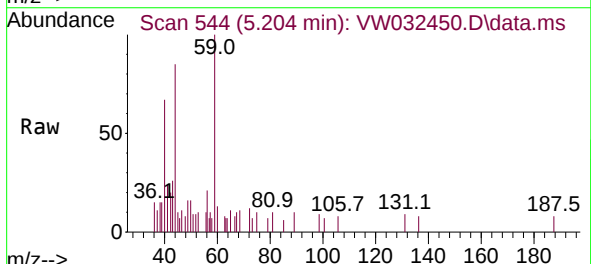
Instrument :
MSVOA_W
ClientSampleId :
OK-02-11122025

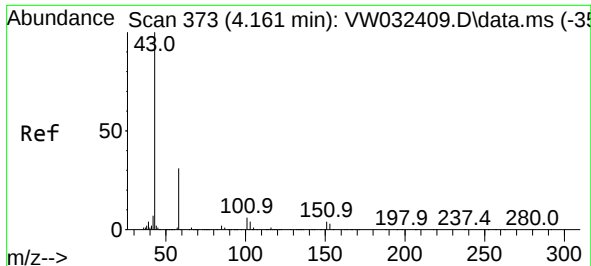
Tgt Ion:168 Resp: 220207
Ion Ratio Lower Upper
168 100
99 64.9 45.4 68.2



#11
Tert butyl alcohol
Concen: 11.748 ug/l m
RT: 5.204 min Scan# 544
Delta R.T. -0.012 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

Tgt Ion: 59 Resp: 2884
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

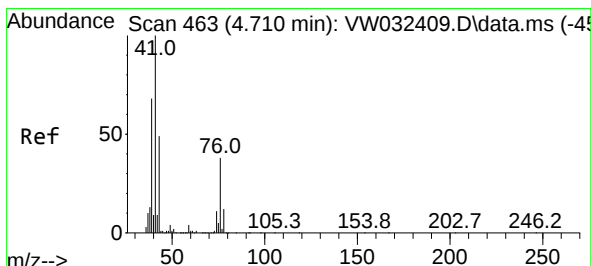
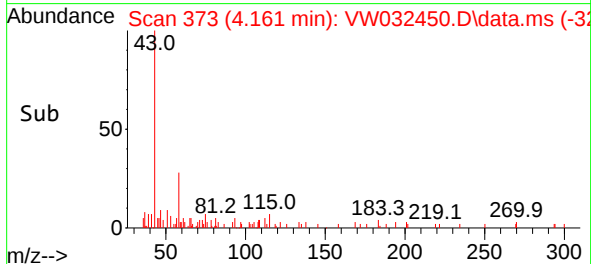
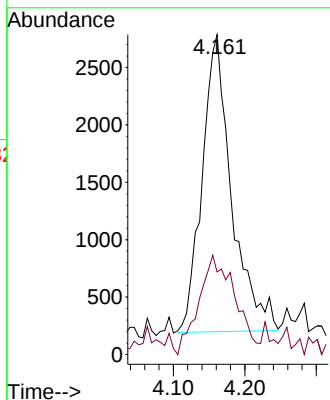
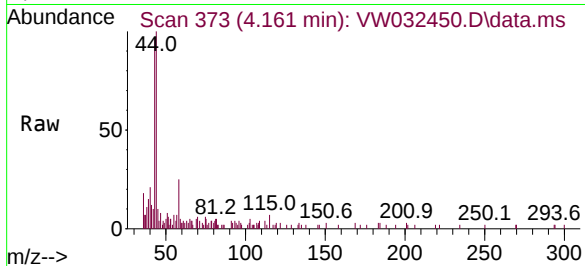




#16
Acetone
Concen: 8.757 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

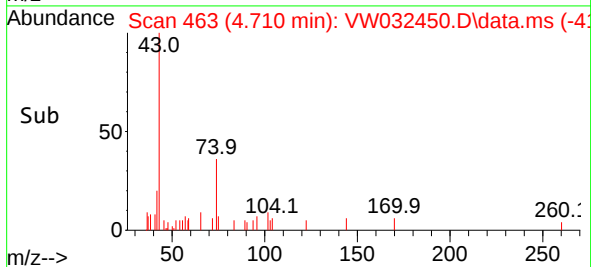
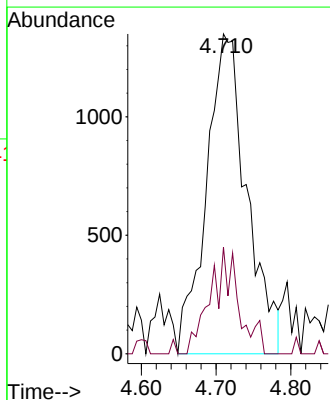
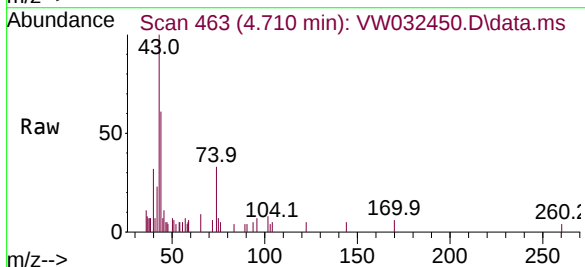
Instrument :
MSVOA_W
ClientSampleId :
OK-02-11122025

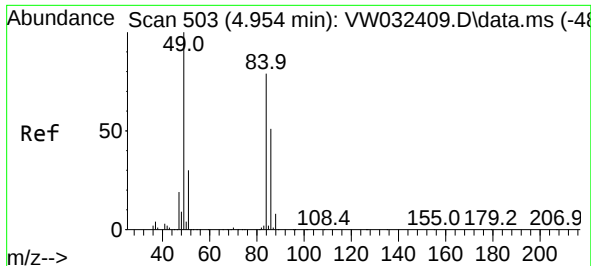
Tgt Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
58 27.9 24.8 37.2



#18
Methyl Acetate
Concen: 2.411 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
74 8.8 18.9 28.3#

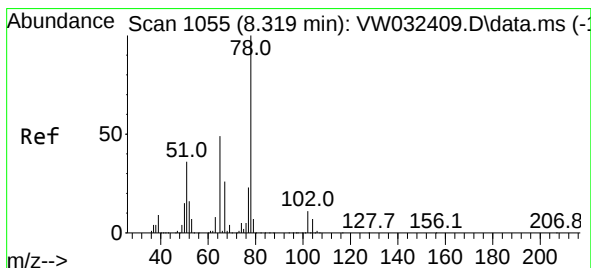
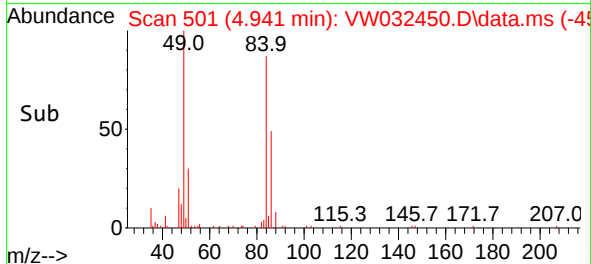
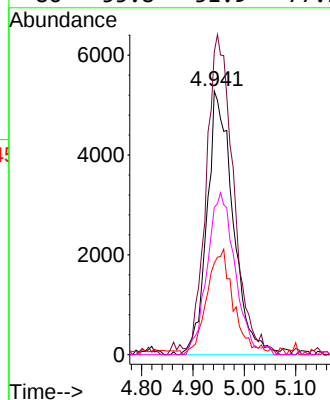
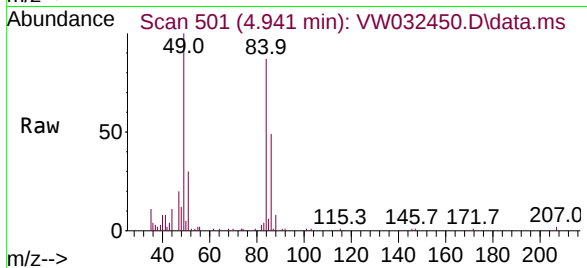




#20
Methylene Chloride
Concen: 6.128 ug/l
RT: 4.941 min Scan# 503
Delta R.T. -0.012 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

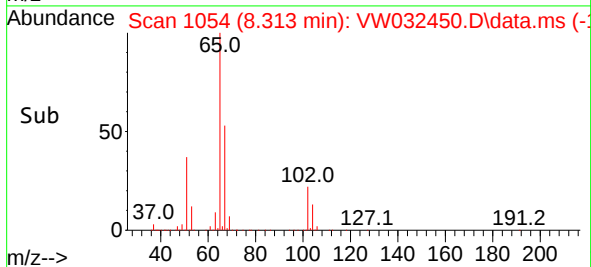
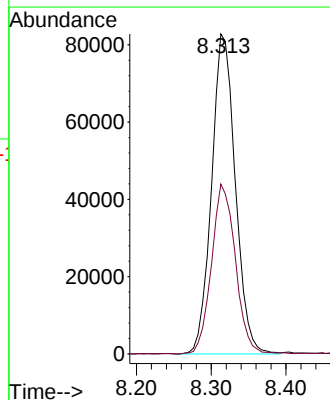
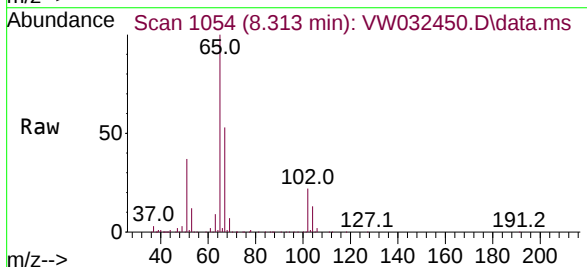
Instrument :
MSVOA_W
ClientSampleId :
OK-02-11122025

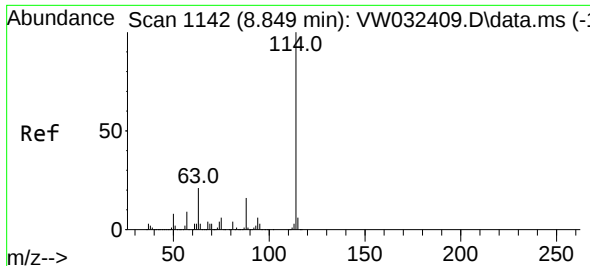
Tgt Ion:	84	Resp:	18614
Ion	Ratio	Lower	Upper
84	100		
49	114.9	101.5	152.3
51	33.2	30.6	46.0
86	55.8	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 64.432 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

Tgt Ion:	65	Resp:	182923
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8

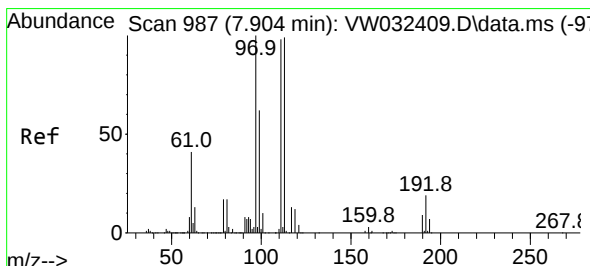
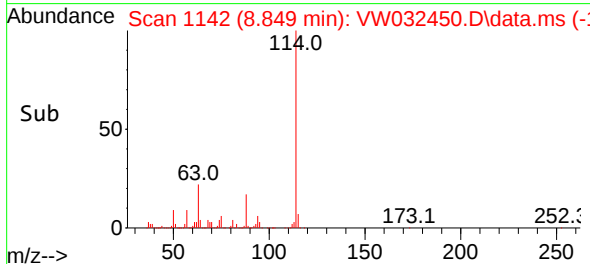
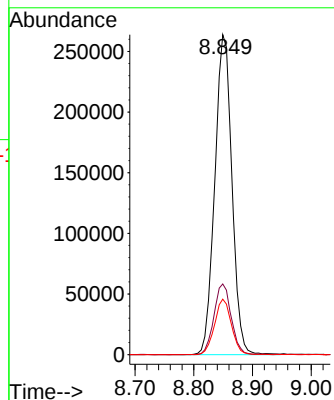
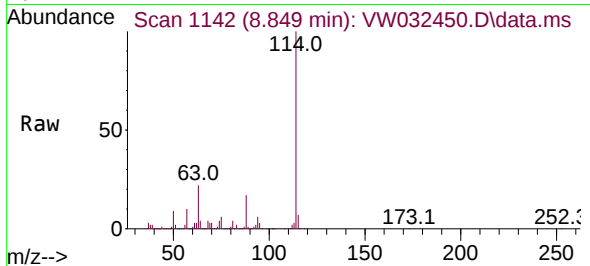




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

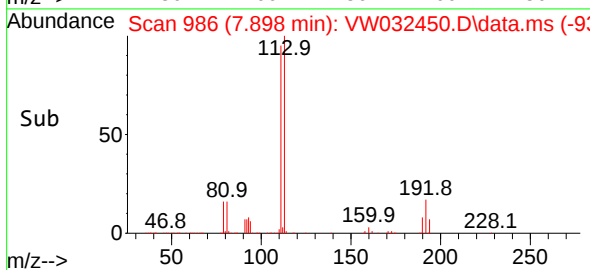
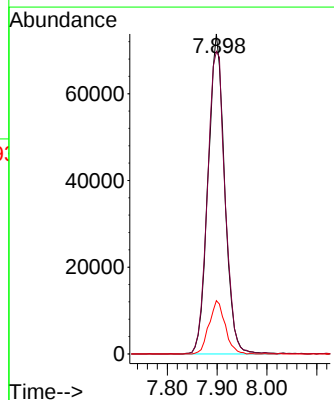
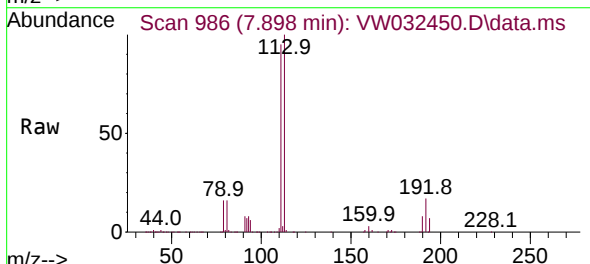
Instrument :
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ClientSampleId :
OK-02-11122025

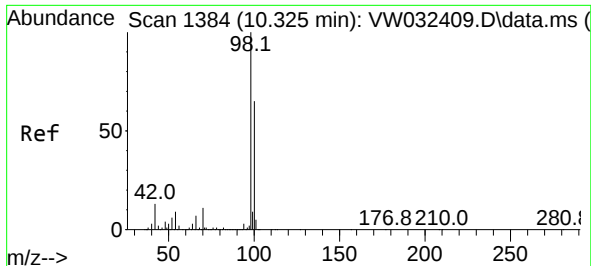
Tgt Ion:114 Resp: 534224
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.342 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

Tgt Ion:113 Resp: 170616
Ion Ratio Lower Upper
113 100
111 100.1 83.1 124.7
192 16.1 13.4 20.2

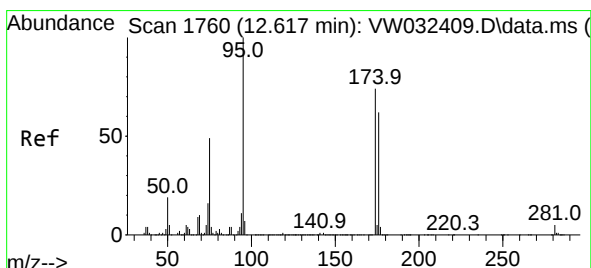
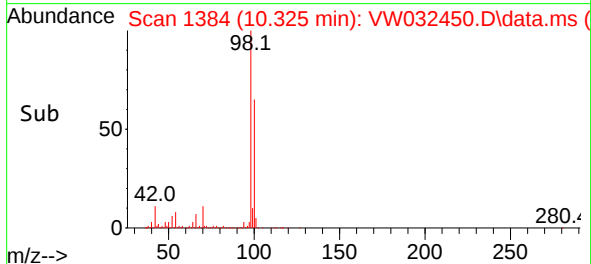
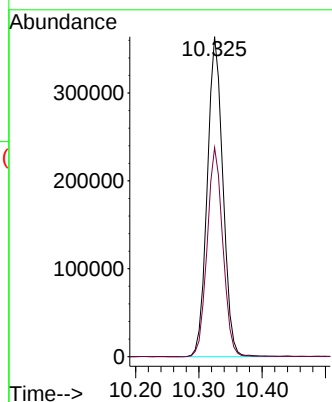
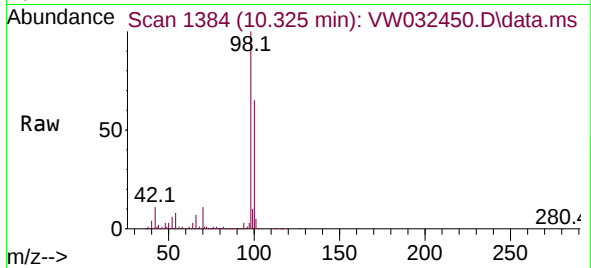




#50
Toluene-d8
Concen: 50.778 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

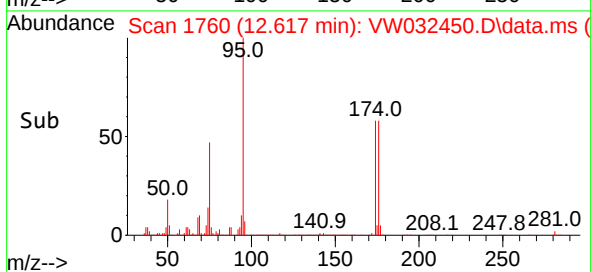
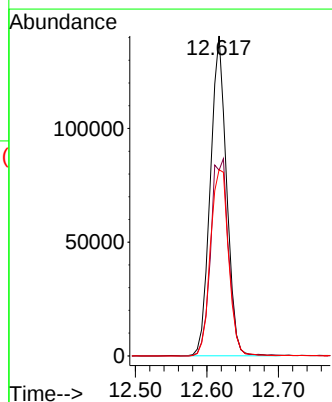
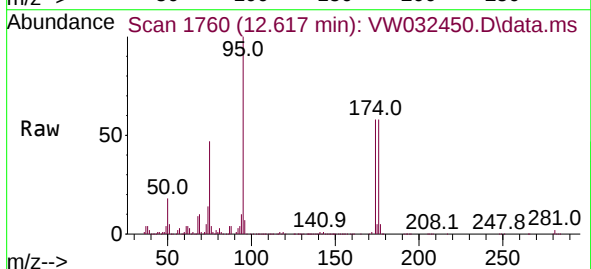
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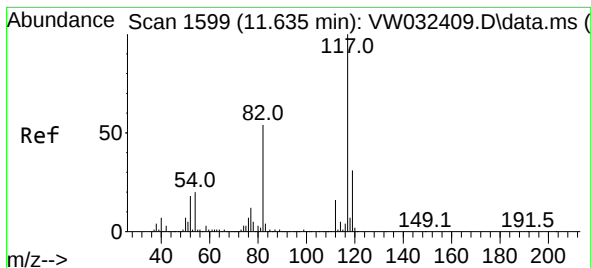
Tgt Ion: 98 Resp: 623075
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.787 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032450.D
Acq: 17 Nov 2025 12:20

Tgt Ion: 95 Resp: 221510
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.4
176 65.2 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: VW032450.D

Acq: 17 Nov 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

OK-02-11122025

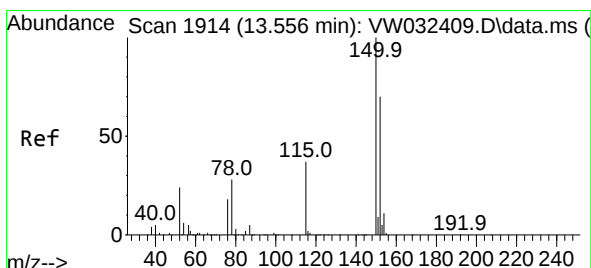
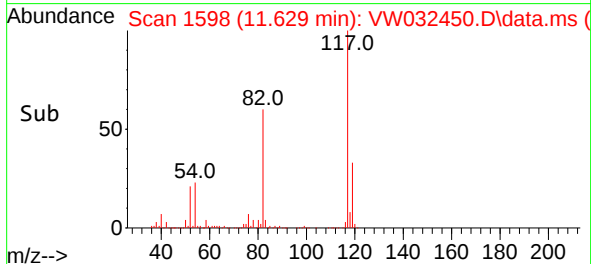
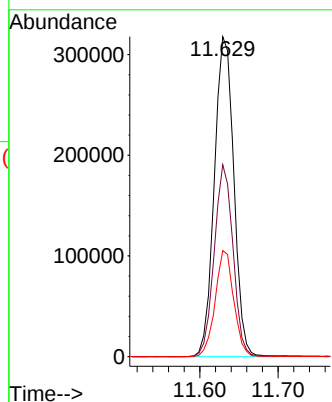
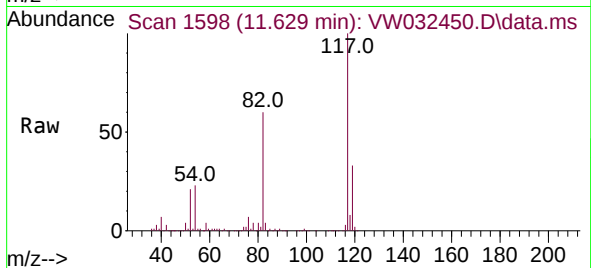
Tgt Ion:117 Resp: 549219

Ion Ratio Lower Upper

117 100

82 60.0 43.0 64.4

119 33.1 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: VW032450.D

Acq: 17 Nov 2025 12:20

Tgt Ion:152 Resp: 245466

Ion Ratio Lower Upper

152 100

115 65.0 32.8 98.3

150 157.2 0.0 356.6

