

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032584.D
 Acq On : 08 Dec 2025 10:18
 Operator : SY/MD
 Sample : VW1208SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBL01

Quant Time: Dec 09 02:13:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

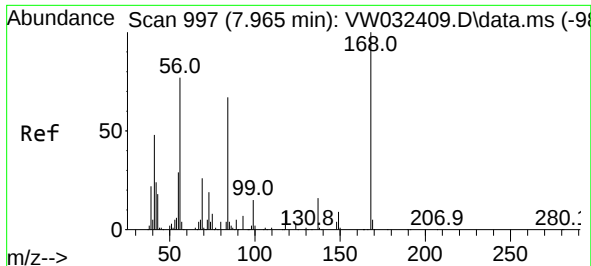
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.965	168	314569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	616405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	548609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	253865	54.229	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.460%		
35) Dibromofluoromethane	7.898	113	205810	50.738	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 101.480%		
50) Toluene-d8	10.325	98	752692	49.313	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 98.620%		
62) 4-Bromofluorobenzene	12.617	95	254323	45.099	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 90.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.216	59	470	1.305	ug/l #	2
16) Acetone	4.167	43	5319	3.636	ug/l #	85
20) Methylene Chloride	4.948	84	13730	2.625	ug/l	91
31) Cyclohexane	7.953	56	8903	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	29896	4.832	ug/l #	50
38) Carbon Tetrachloride	7.959	117	35899	6.245	ug/l #	16
49) 1,4-Dioxane	9.477	88	50	1.478	ug/l #	10
76) 1,2,3-Trichloropropane	12.617	75	135152	44.898	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	135152	105.600	ug/l #	10

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

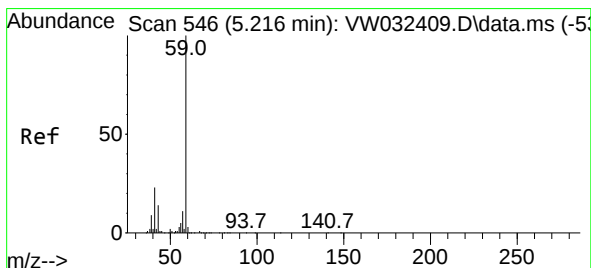
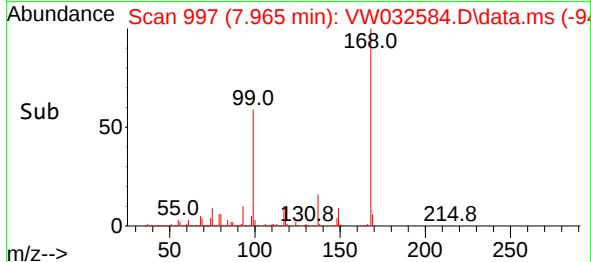
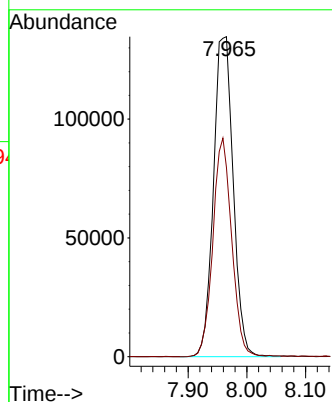
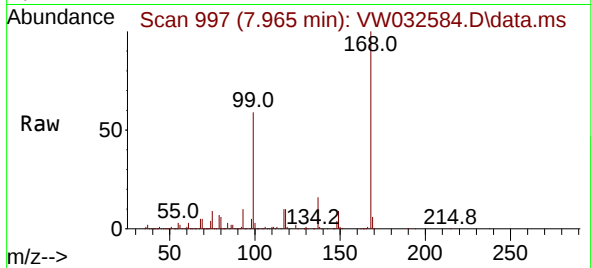




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

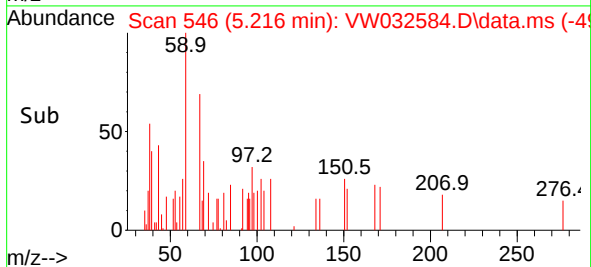
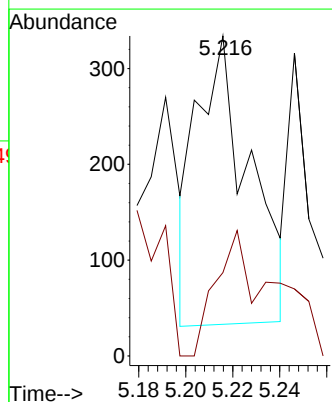
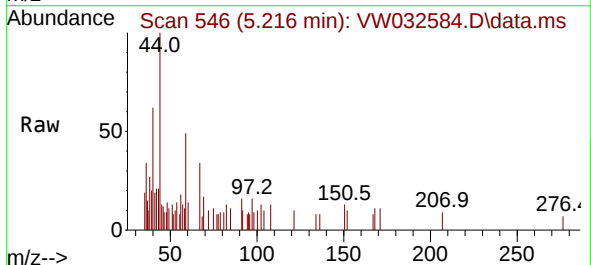
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

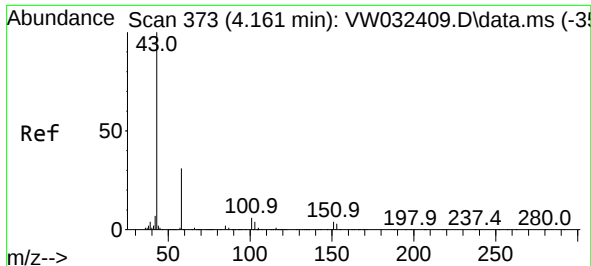
Tgt Ion:168 Resp: 314569
Ion Ratio Lower Upper
168 100
99 59.2 51.8 77.8



#11
Tert butyl alcohol
Concen: 1.305 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 59 Resp: 470
Ion Ratio Lower Upper
59 100
57 38.5 4.6 6.8#

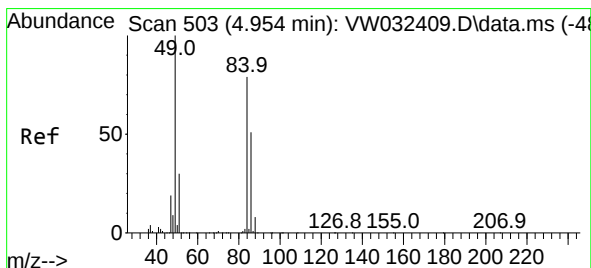
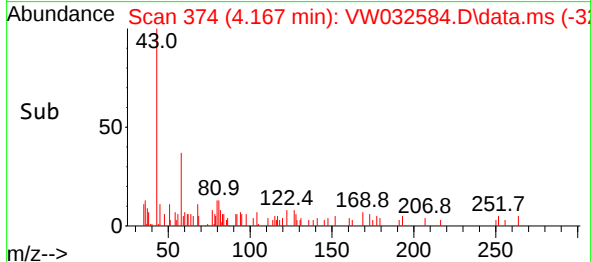
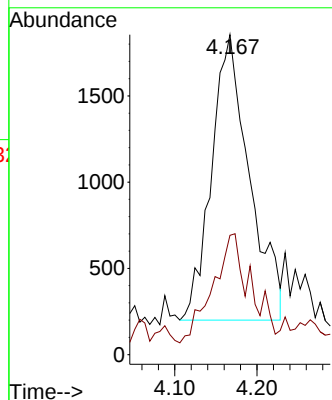
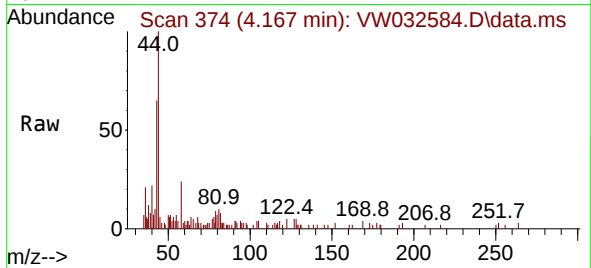




#16
Acetone
Concen: 3.636 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

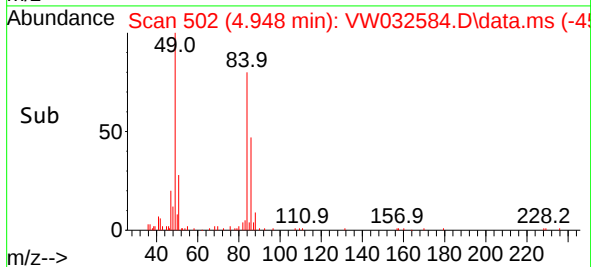
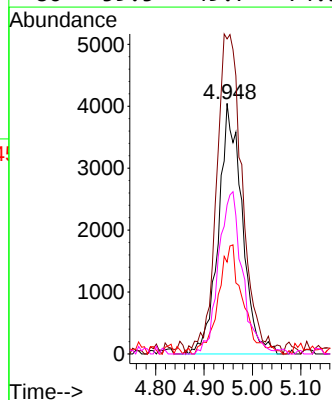
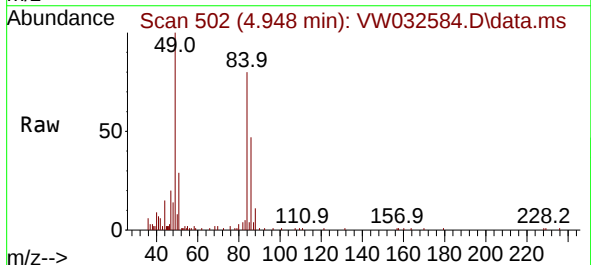
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

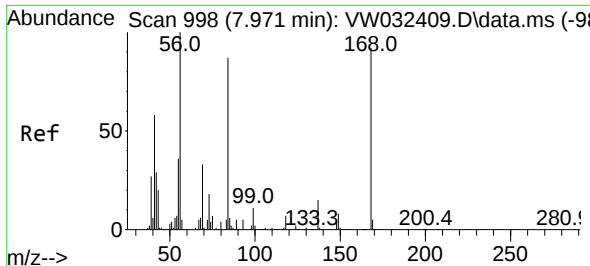
Tgt Ion: 43 Resp: 5319
Ion Ratio Lower Upper
43 100
58 37.7 23.5 35.3#



#20
Methylene Chloride
Concen: 2.625 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 84 Resp: 13730
Ion Ratio Lower Upper
84 100
49 122.5 107.6 161.4
51 35.4 33.9 50.9
86 59.5 49.7 74.5

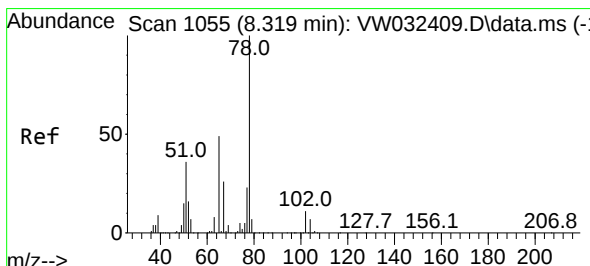
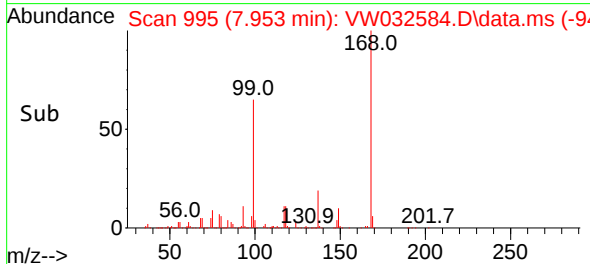
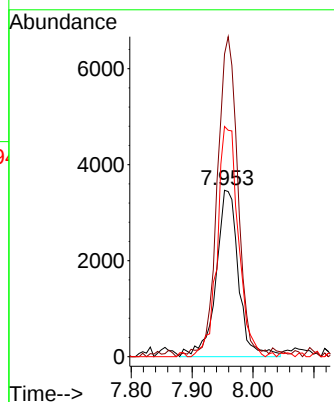
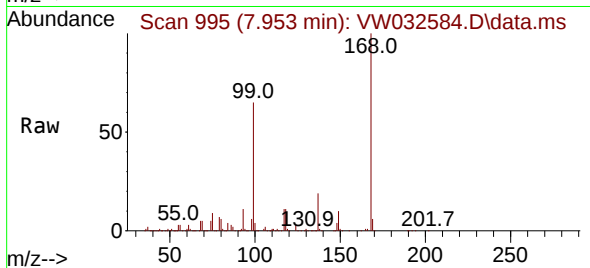




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

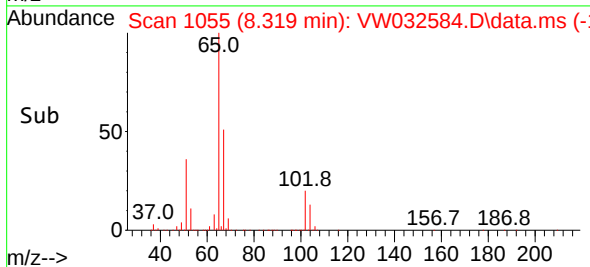
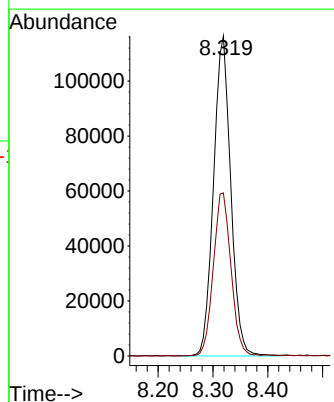
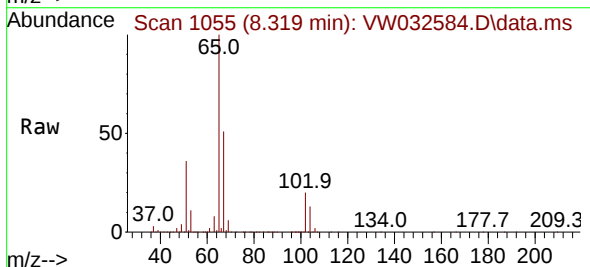
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

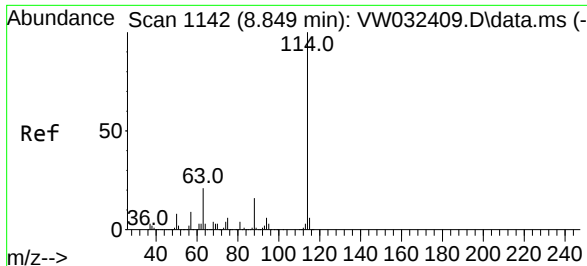
Tgt Ion: 56 Resp: 8903
Ion Ratio Lower Upper
56 100
69 180.4 27.3 40.9#
84 136.2 67.5 101.3#



#33
1,2-Dichloroethane-d4
Concen: 54.229 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 65 Resp: 253865
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.0

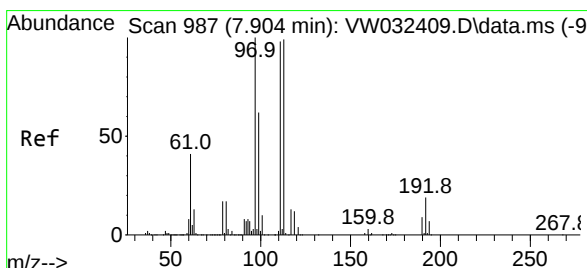
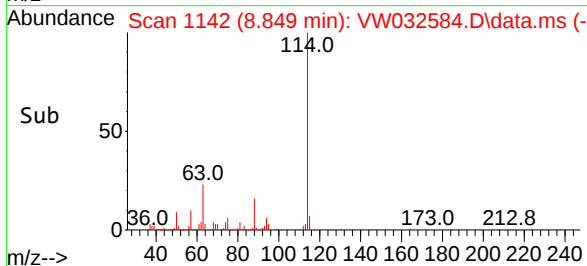
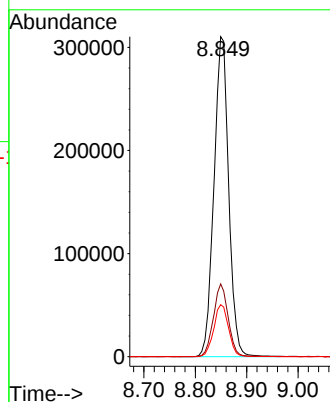
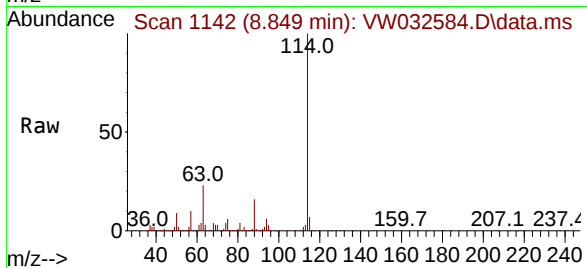




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

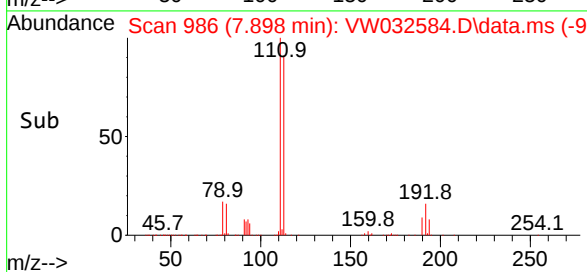
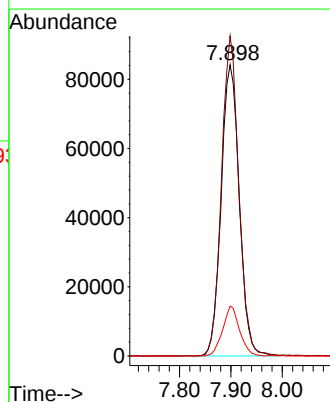
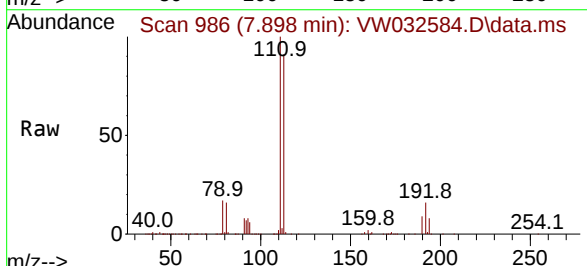
Instrument :
MSVOA_W
ClientSampleId :
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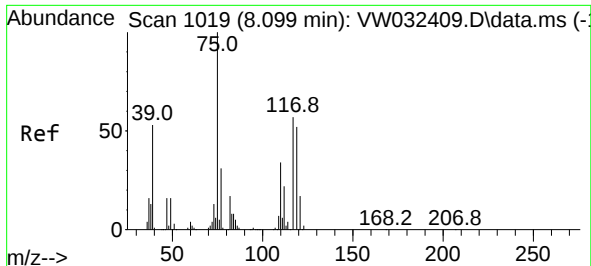
Tgt Ion:114 Resp: 616405
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.6
88 16.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.738 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion:113 Resp: 205810
Ion Ratio Lower Upper
113 100
111 105.4 83.4 125.0
192 16.0 13.4 20.2

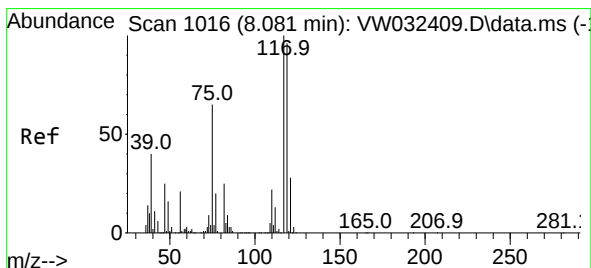
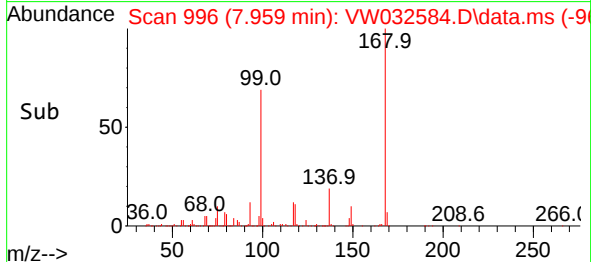
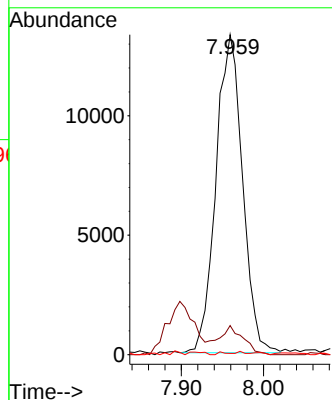
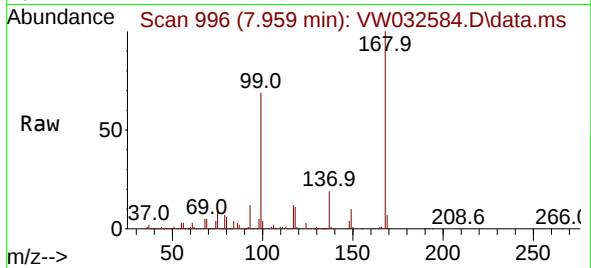




#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW032584.D
 Acq: 08 Dec 2025 10:18

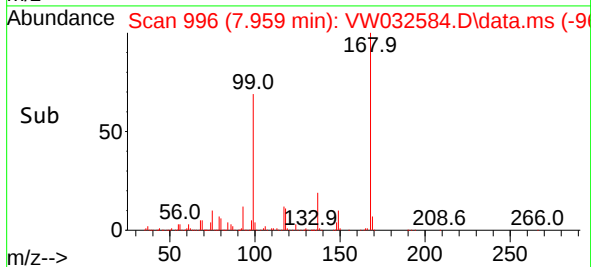
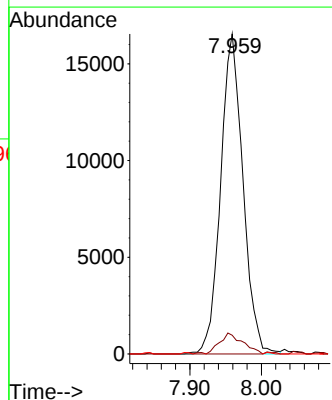
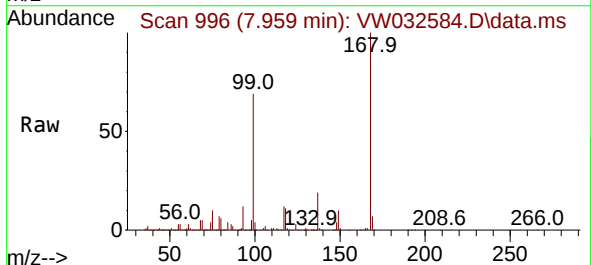
Instrument :
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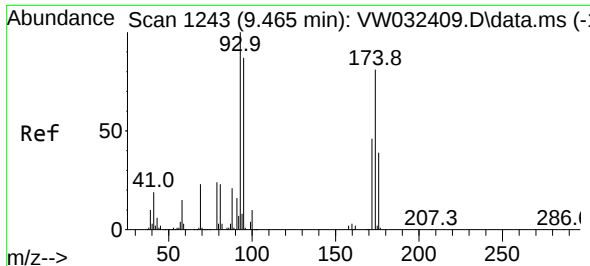
Tgt Ion: 75 Resp: 29896
 Ion Ratio Lower Upper
 75 100
 110 8.0 16.9 50.6#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.245 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW032584.D
 Acq: 08 Dec 2025 10:18

Tgt Ion: 117 Resp: 35899
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.9 115.3#
 121 0.0 25.4 38.2#

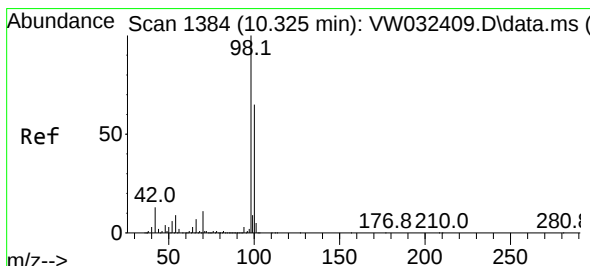
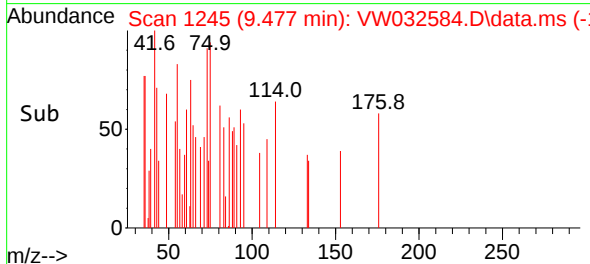
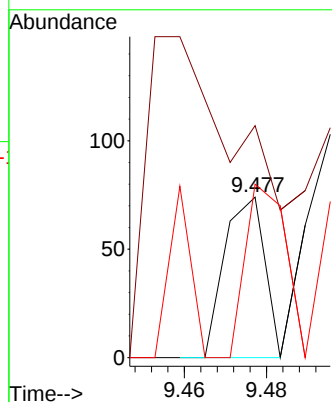
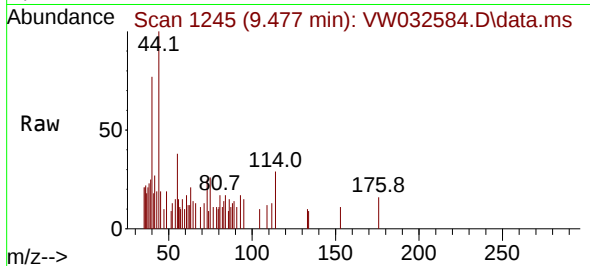




#49
1,4-Dioxane
Concen: 1.478 ug/l
RT: 9.477 min Scan# 11
Delta R.T. 0.018 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

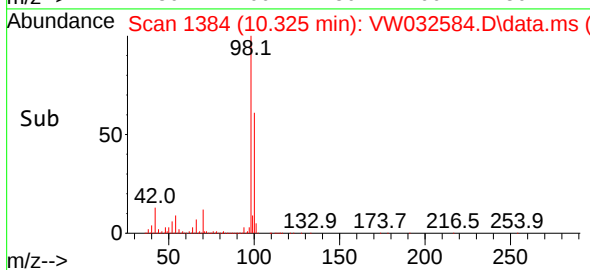
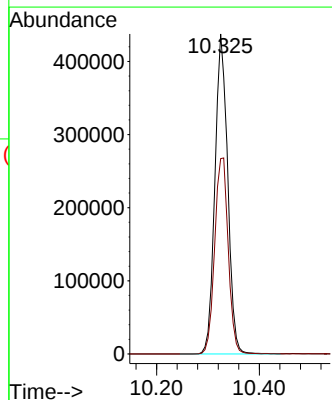
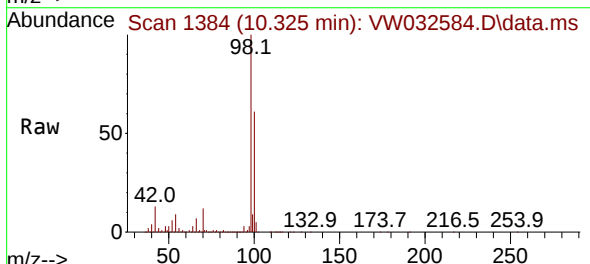
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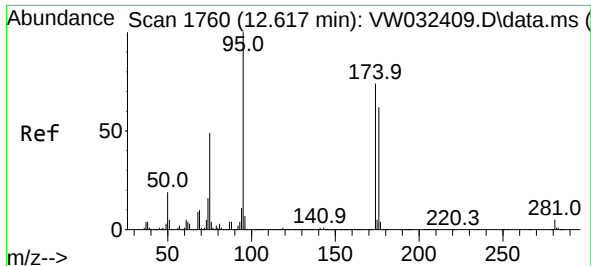
Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 162.0 65.2 97.8#



#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 98 Resp: 752692
Ion Ratio Lower Upper
98 100
100 65.1 54.7 82.1

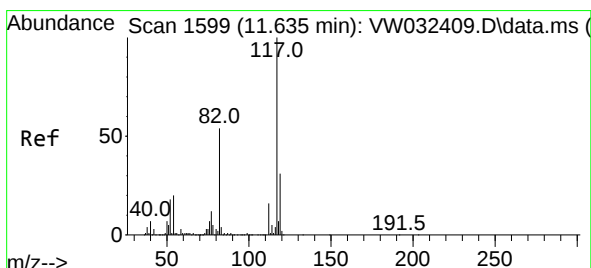
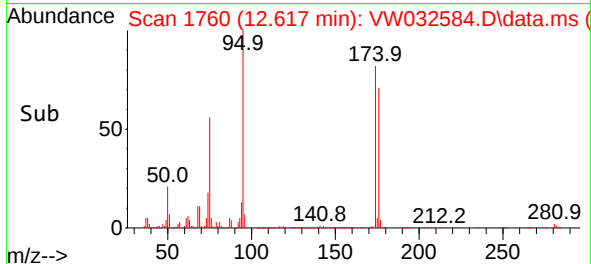
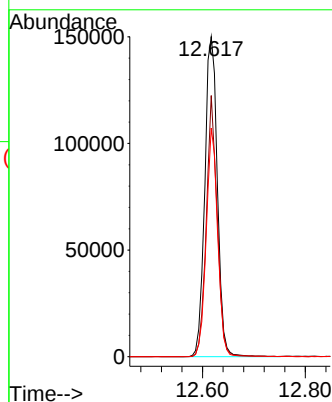
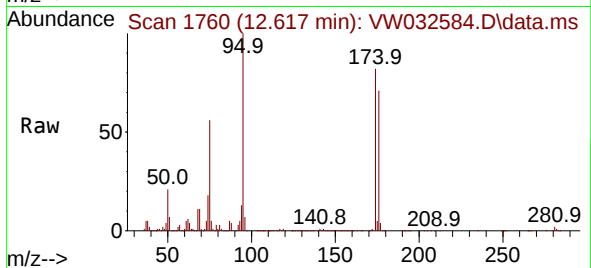




#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

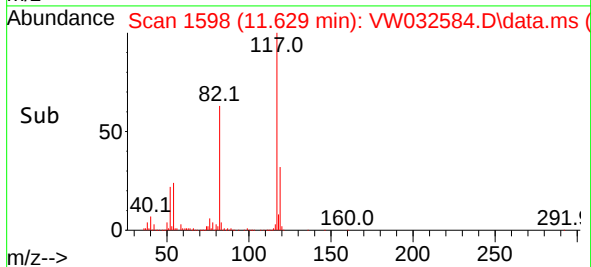
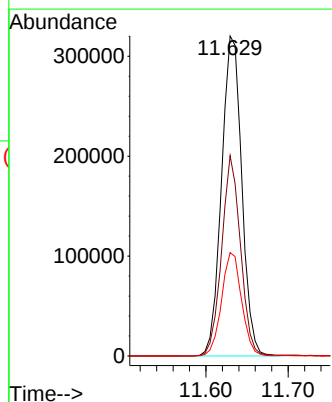
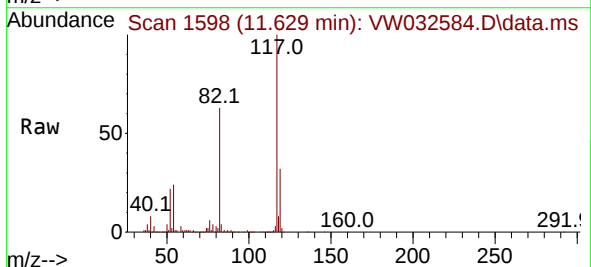
Instrument :
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VW1208SBL01

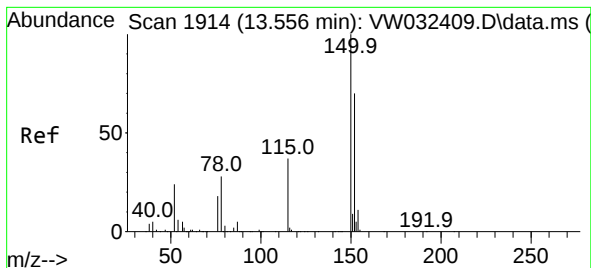
Tgt Ion: 95 Resp: 254323
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.2
176 65.2 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 117 Resp: 548609
Ion Ratio Lower Upper
117 100
82 62.6 45.9 68.9
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032584.D

Acq: 08 Dec 2025 10:18

Instrument :

MSVOA_W

ClientSampleId :

VW1208SBL01

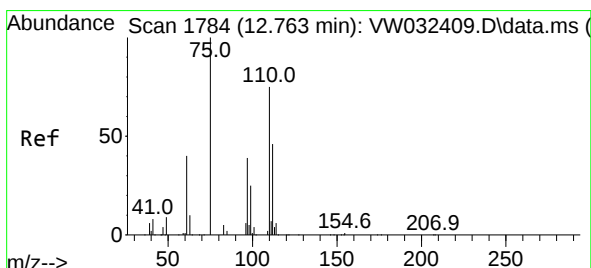
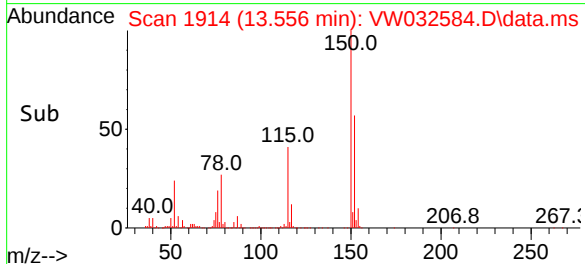
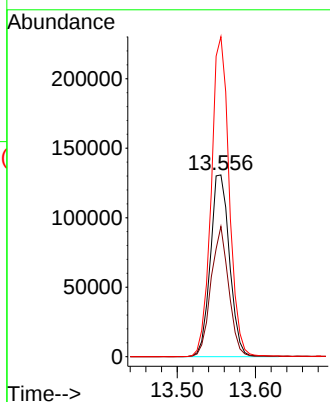
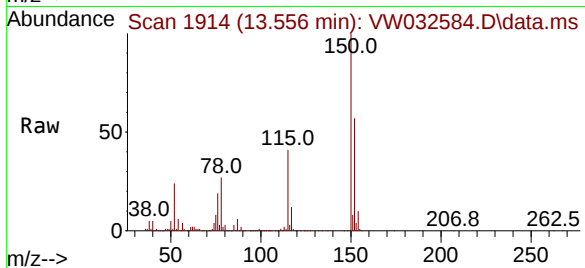
Tgt Ion:152 Resp: 222458

Ion Ratio Lower Upper

152 100

115 66.0 31.1 93.3

150 165.2 0.0 351.2



#76

1,2,3-Trichloropropane

Concen: 44.898 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW032584.D

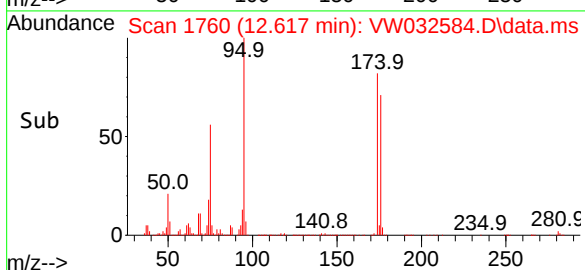
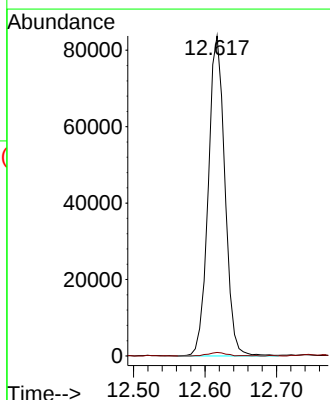
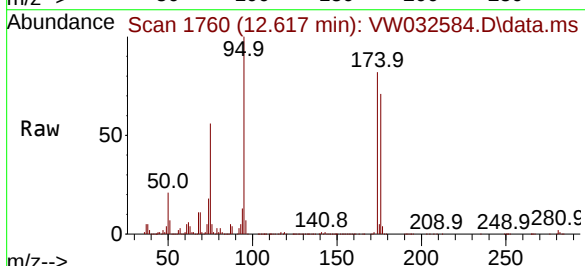
Acq: 08 Dec 2025 10:18

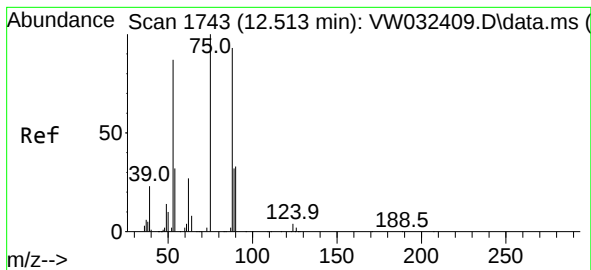
Tgt Ion: 75 Resp: 135152

Ion Ratio Lower Upper

75 100

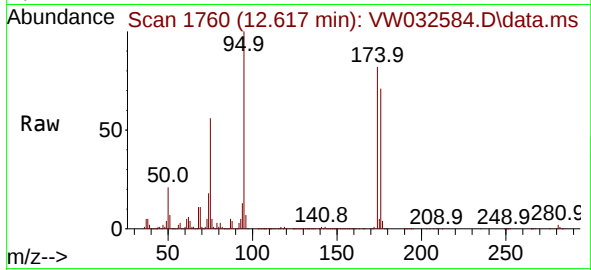
77 1.3 148.2 444.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.600 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032584.D
 Acq: 08 Dec 2025 10:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1208SBL01



Tgt Ion: 75 Resp: 135152
 Ion Ratio Lower Upper
 75 100
 53 0.4 80.8 121.2#
 89 0.1 31.4 47.2#

