

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032537.D
 Acq On : 26 Nov 2025 12:37
 Operator : SY/MD
 Sample : VW1126SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 00:25:49 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)

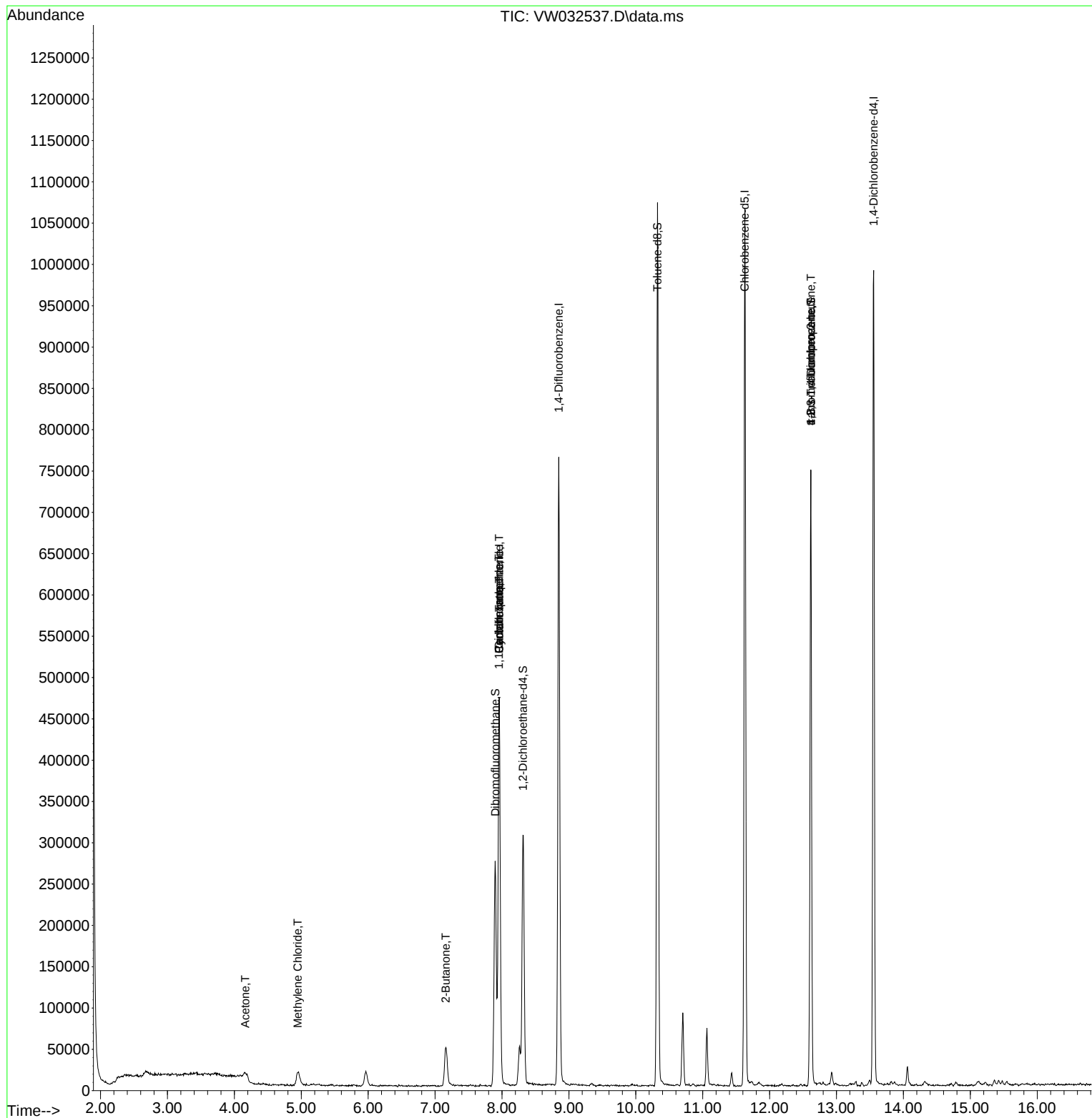
Internal Standards						
1) Pentafluorobenzene	7.959	168	322545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	253776	61.028	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 122.060%		
35) Dibromofluoromethane	7.898	113	200211	54.328	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 108.660%		
50) Toluene-d8	10.325	98	700835	49.572	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	12.617	95	251867	47.160	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.320%		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	9504	7.639	ug/l	89
20) Methylene Chloride	4.948	84	14756	3.317	ug/l	96
25) 2-Butanone	7.161	43	3493	1.906	ug/l #	84
31) Cyclohexane	7.959	56	8823	1.283	ug/l #	1
36) 1,1-Dichloropropene	7.953	75	31517	5.804	ug/l #	51
38) Carbon Tetrachloride	7.959	117	35540	7.366	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	131511	37.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	131511	86.632	ug/l #	11

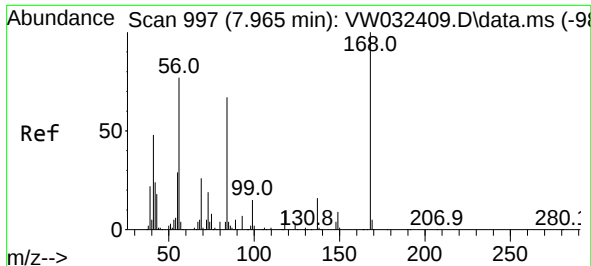
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032537.D
Acq On : 26 Nov 2025 12:37
Operator : SY/MD
Sample : VW1126SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 27 00:25:49 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

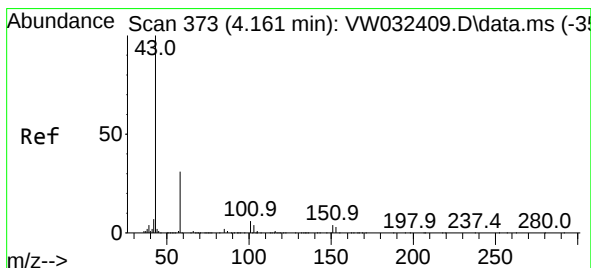
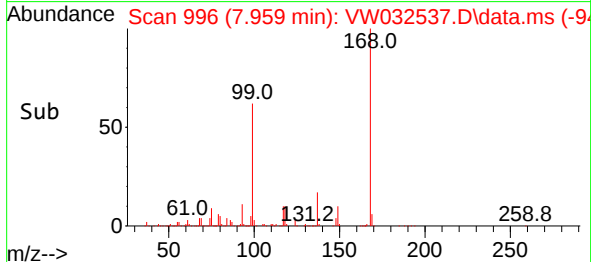
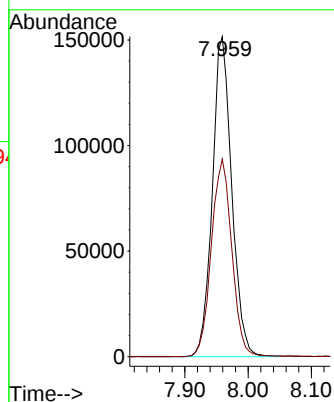
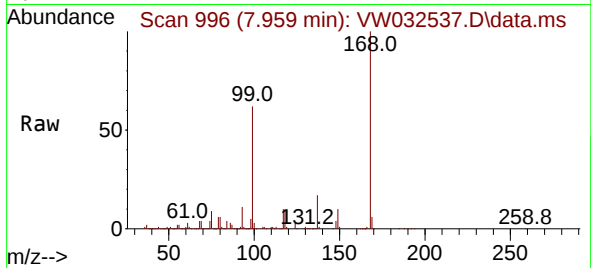




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

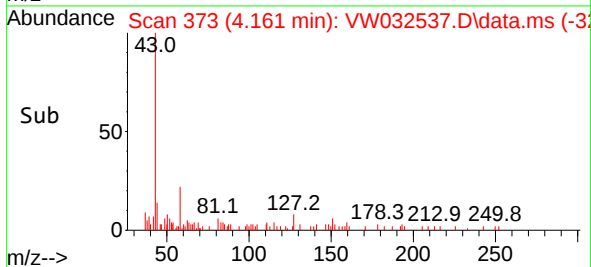
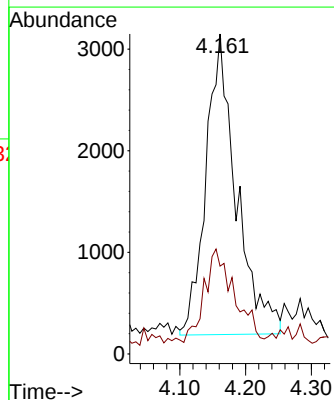
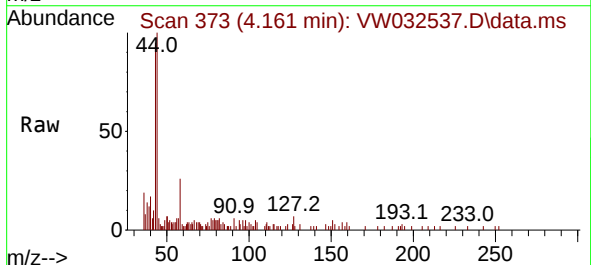
Instrument :
MSVOA_W
ClientSampleId :

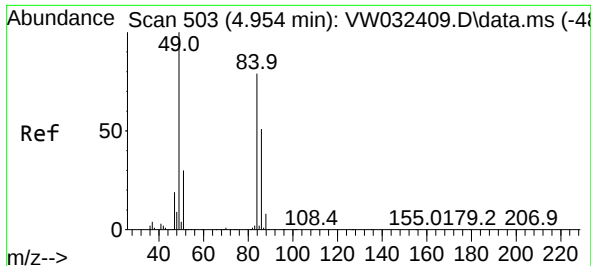
Tgt Ion:168 Resp: 322545
Ion Ratio Lower Upper
168 100
99 61.7 45.4 68.2



#16
Acetone
Concen: 7.639 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

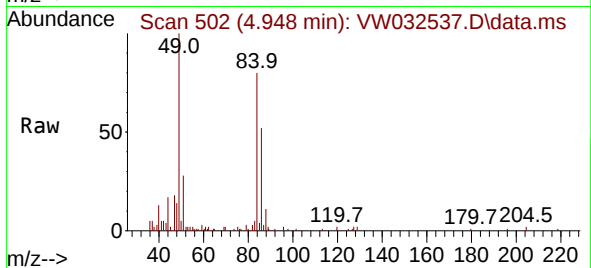
Tgt Ion: 43 Resp: 9504
Ion Ratio Lower Upper
43 100
58 25.0 24.8 37.2



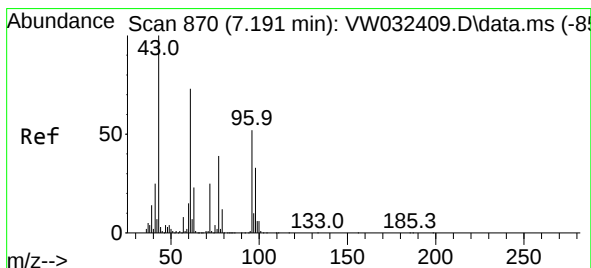
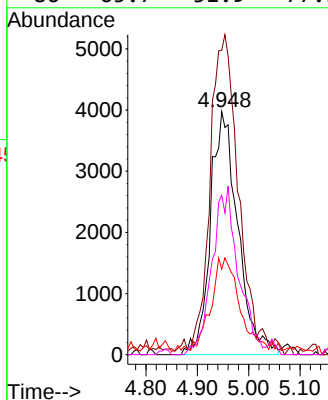
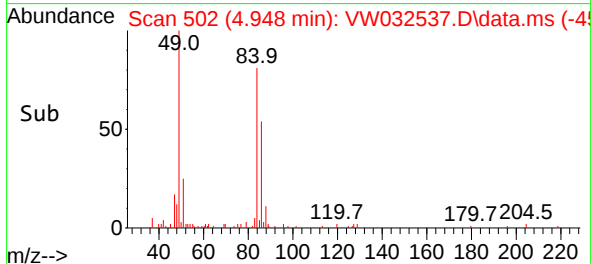


#20
Methylene Chloride
Concen: 3.317 ug/l
RT: 4.948 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :

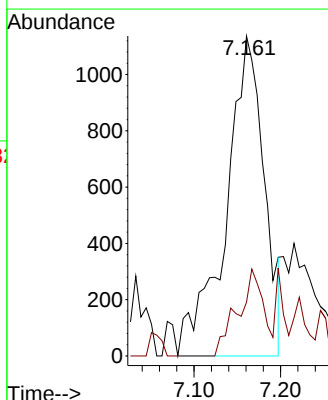
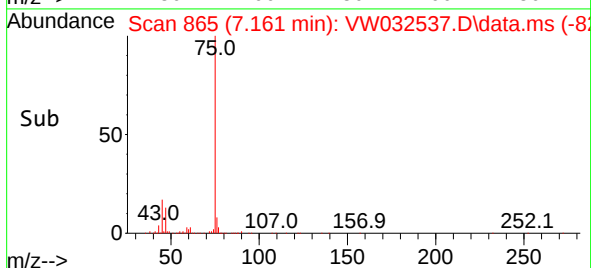
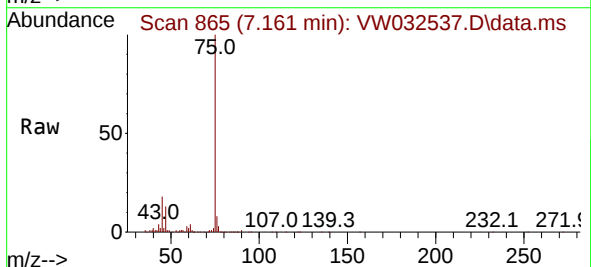


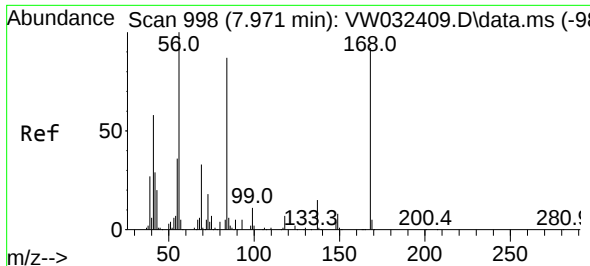
Tgt Ion:	84	Resp:	14756
Ion	Ratio	Lower	Upper
84	100		
49	122.6	101.5	152.3
51	31.4	30.6	46.0
86	65.7	51.9	77.9



#25
2-Butanone
Concen: 1.906 ug/l
RT: 7.161 min Scan# 865
Delta R.T. -0.030 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion:	43	Resp:	3493
Ion	Ratio	Lower	Upper
43	100		
72	16.8	20.0	30.0#

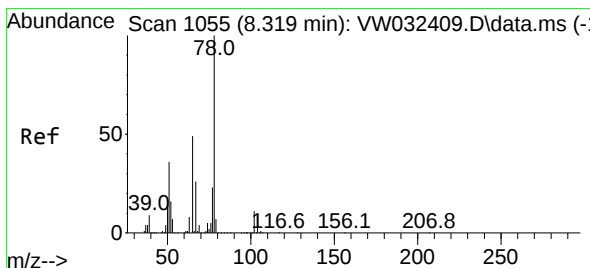
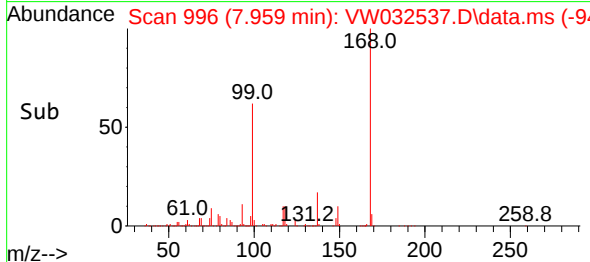
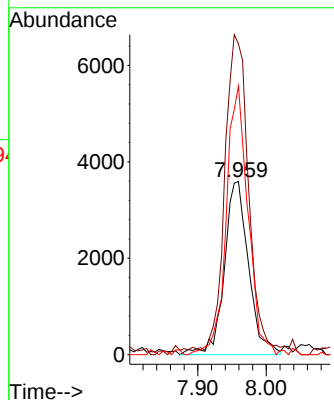
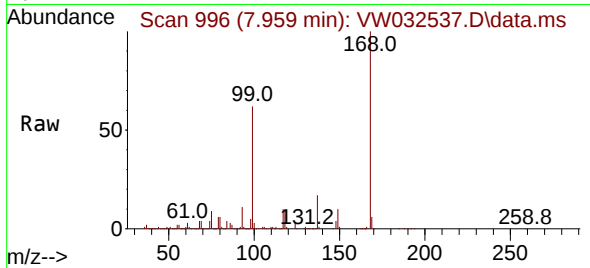




#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.959 min Scan# 998
Delta R.T. -0.012 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

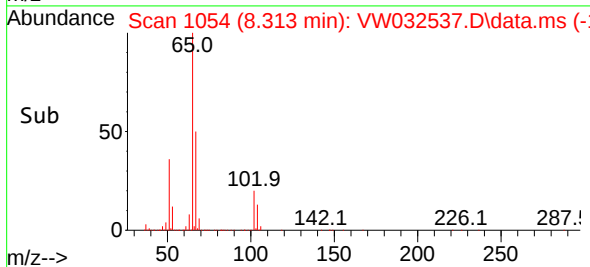
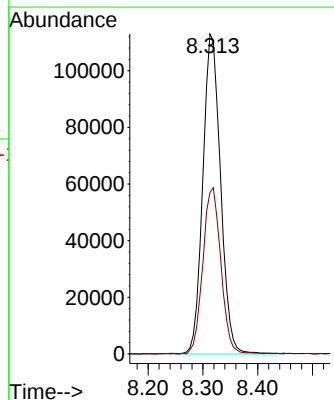
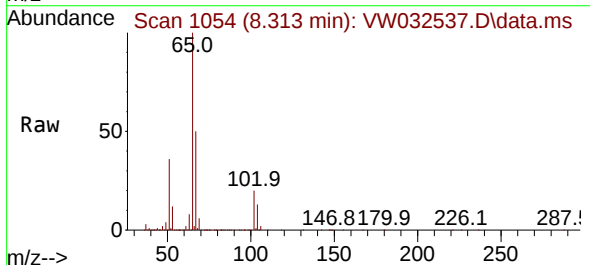
Instrument :
MSVOA_W
ClientSampleId :

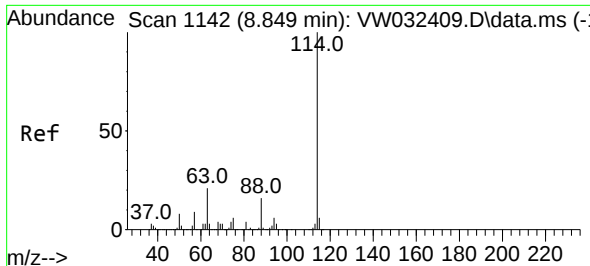
Tgt Ion: 56 Resp: 8823
Ion Ratio Lower Upper
56 100
69 176.9 26.5 39.7#
84 152.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 61.028 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

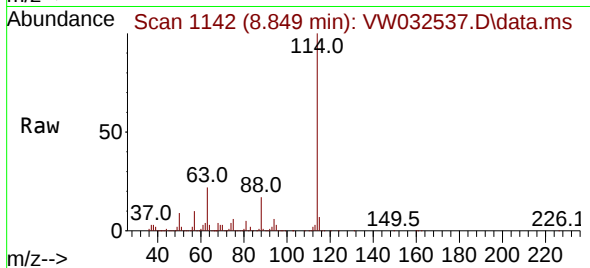
Tgt Ion: 65 Resp: 253776
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8



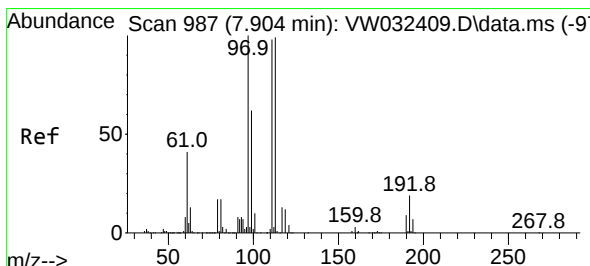
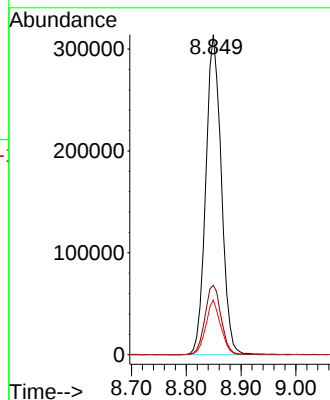
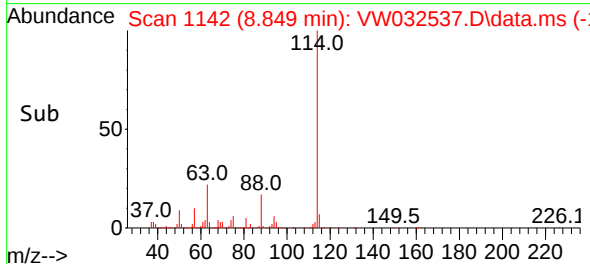


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032537.D
 Acq: 26 Nov 2025 12:37

Instrument :
 MSVOA_W
 ClientSampleId :

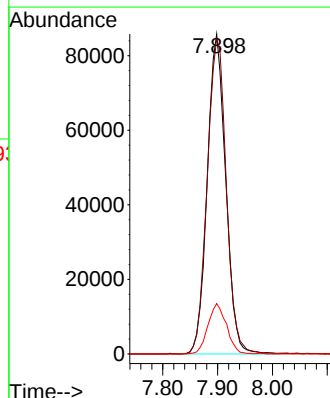
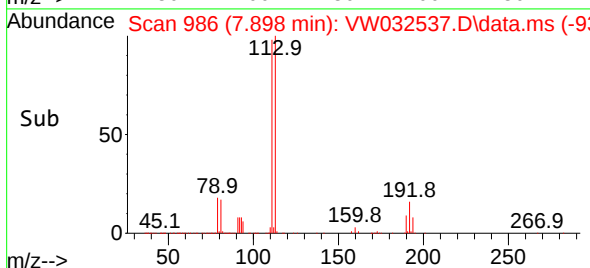
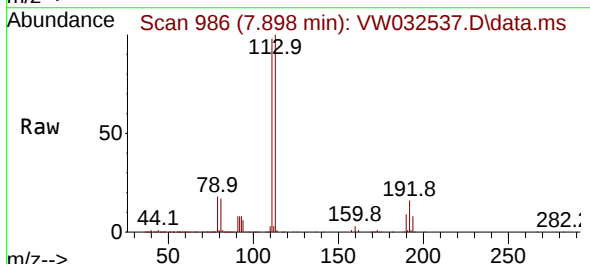


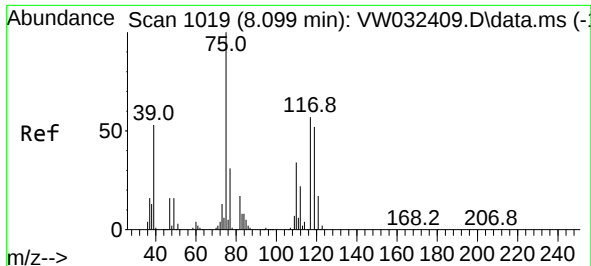
Tgt Ion:114 Resp: 615508
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 17.1 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 54.328 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032537.D
 Acq: 26 Nov 2025 12:37

Tgt Ion:113 Resp: 200211
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.1 124.7
 192 15.9 13.4 20.2

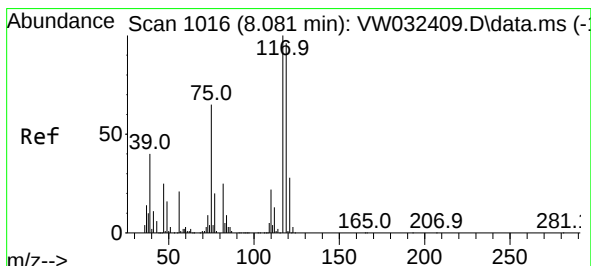
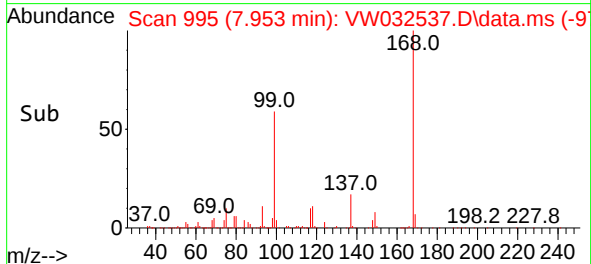
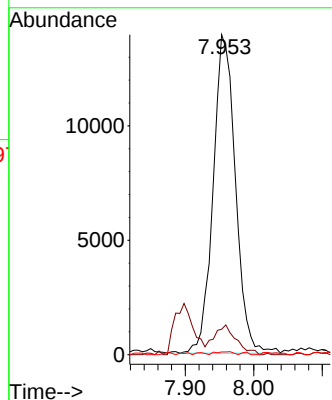
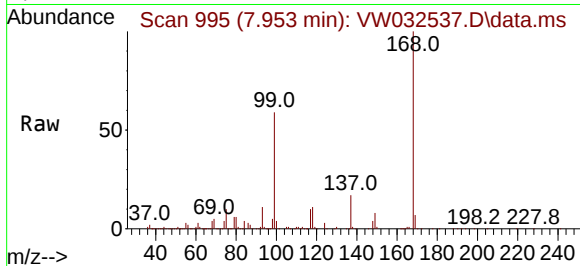




#36
 1,1-Dichloropropene
 Concen: 5.804 ug/l
 RT: 7.953 min Scan# 995
 Delta R.T. -0.146 min
 Lab File: VW032537.D
 Acq: 26 Nov 2025 12:37

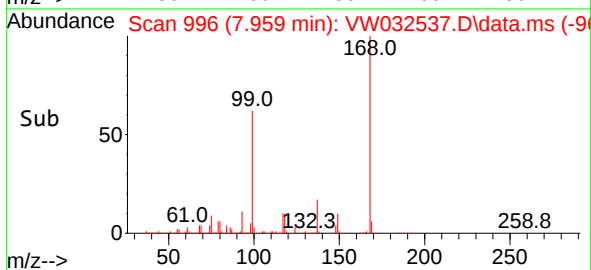
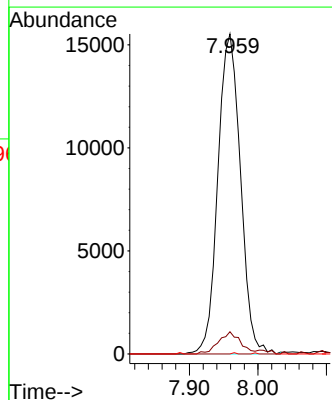
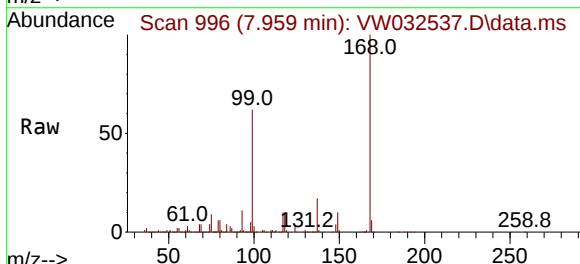
Instrument :
 MSVOA_W
 ClientSampleId :

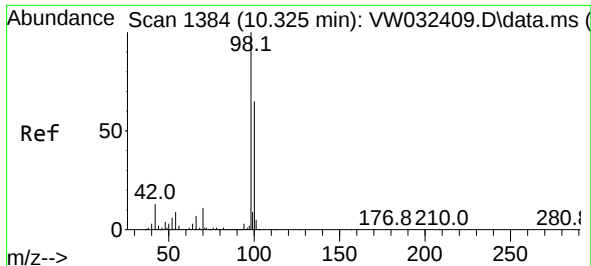
Tgt Ion: 75 Resp: 31517
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.2 51.5#
 77 0.7 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.366 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW032537.D
 Acq: 26 Nov 2025 12:37

Tgt Ion: 117 Resp: 35540
 Ion Ratio Lower Upper
 117 100
 119 6.9 77.0 115.4#
 121 0.0 22.0 33.0#

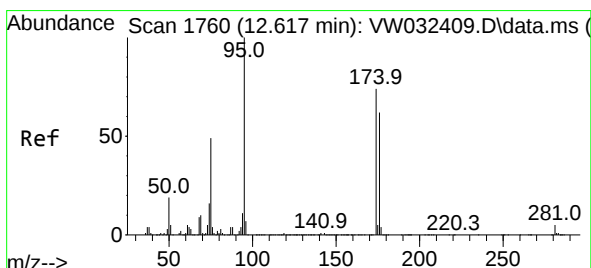
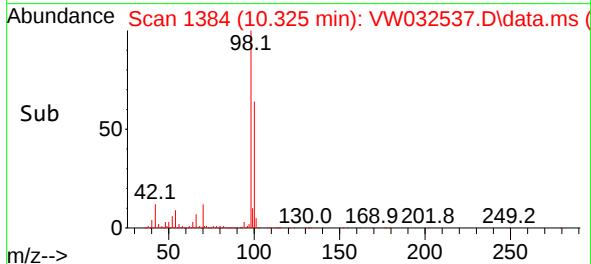
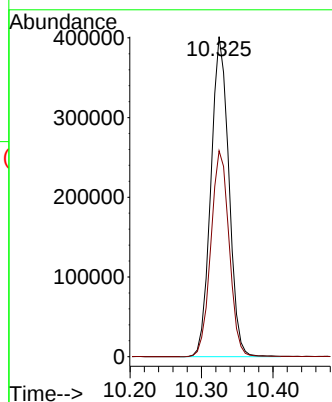
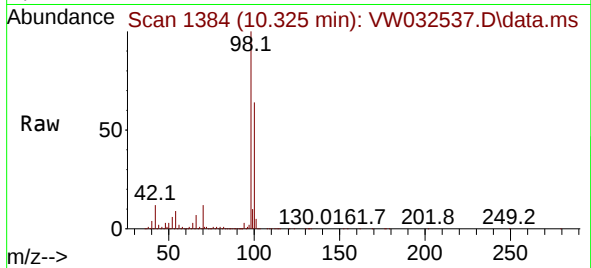




#50
Toluene-d8
Concen: 49.572 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

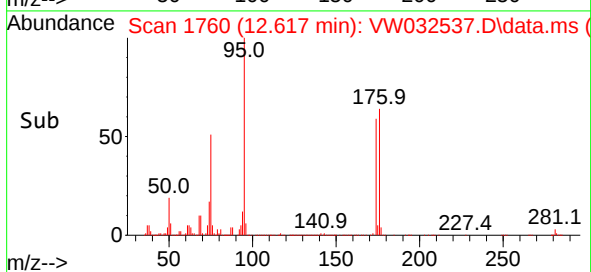
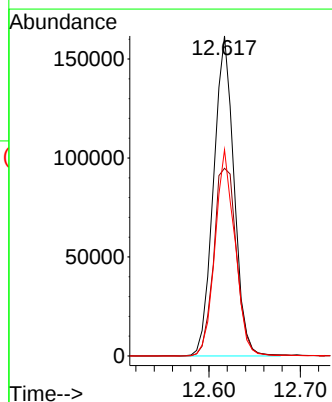
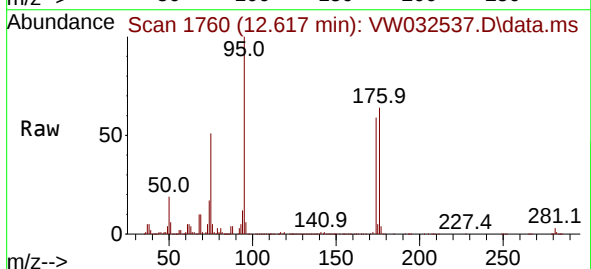
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MSVOA_W
ClientSampleId :

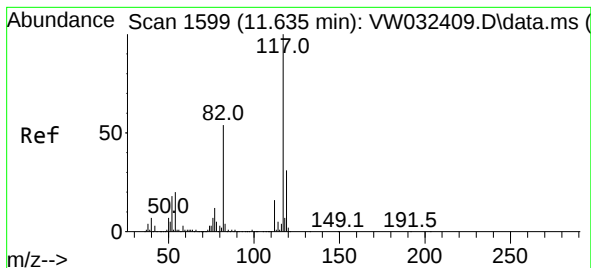
Tgt Ion: 98 Resp: 700835
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.160 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 95 Resp: 251867
Ion Ratio Lower Upper
95 100
174 66.2 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: VW032537.D

Acq: 26 Nov 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

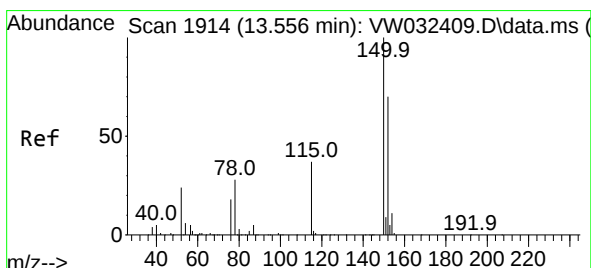
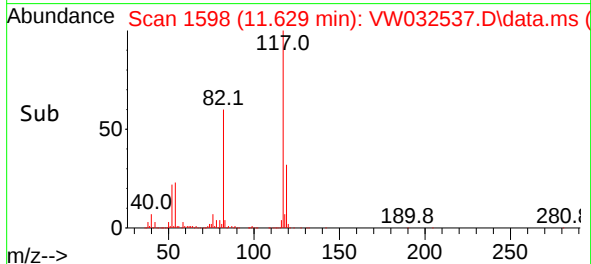
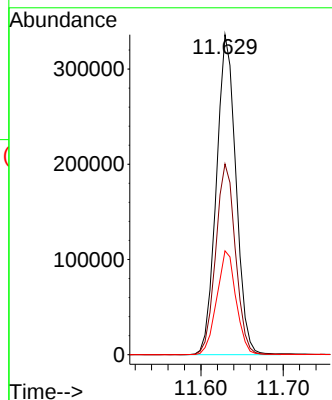
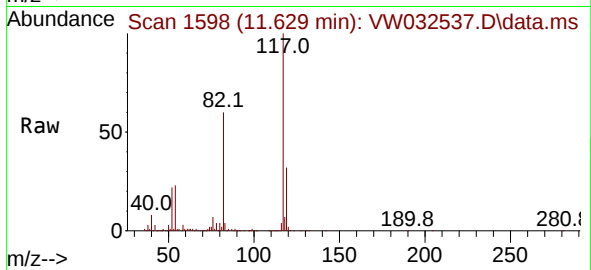
Tgt Ion:117 Resp: 556062

Ion Ratio Lower Upper

117 100

82 59.6 43.0 64.4

119 32.4 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: VW032537.D

Acq: 26 Nov 2025 12:37

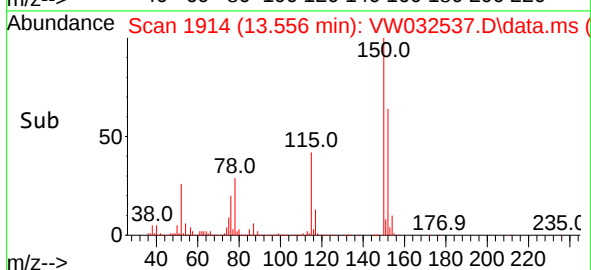
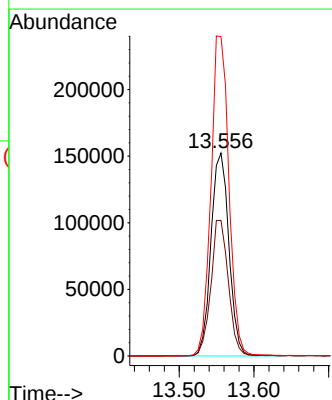
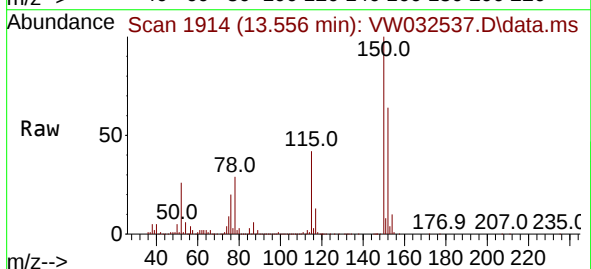
Tgt Ion:152 Resp: 253580

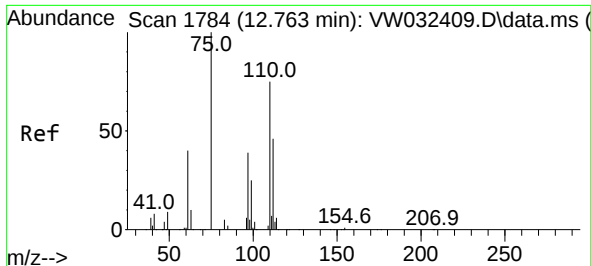
Ion Ratio Lower Upper

152 100

115 64.9 32.8 98.3

150 158.4 0.0 356.6

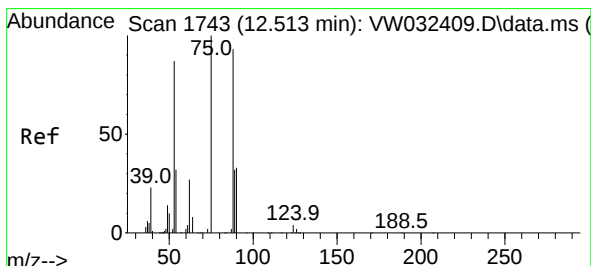
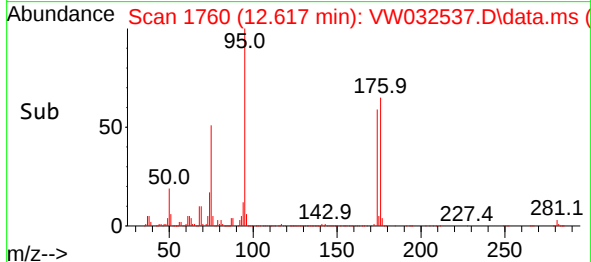
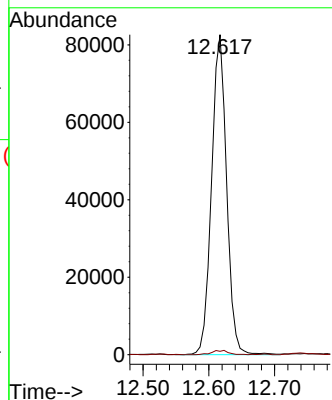
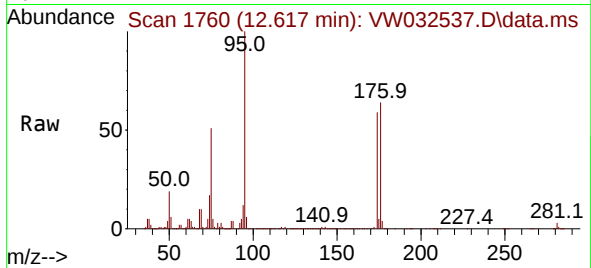




#76
1,2,3-Trichloropropane
Concen: 37.823 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 131511
Ion Ratio Lower Upper
75 100
77 1.5 151.6 454.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.632 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032537.D
Acq: 26 Nov 2025 12:37

Tgt Ion: 75 Resp: 131511
Ion Ratio Lower Upper
75 100
53 0.5 77.8 116.8#
89 0.0 35.6 53.4#

