

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032060.D
 Acq On : 11 Aug 2025 12:18
 Operator : SY/MD
 Sample : VW0811SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBL01

Quant Time: Aug 12 04:22:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

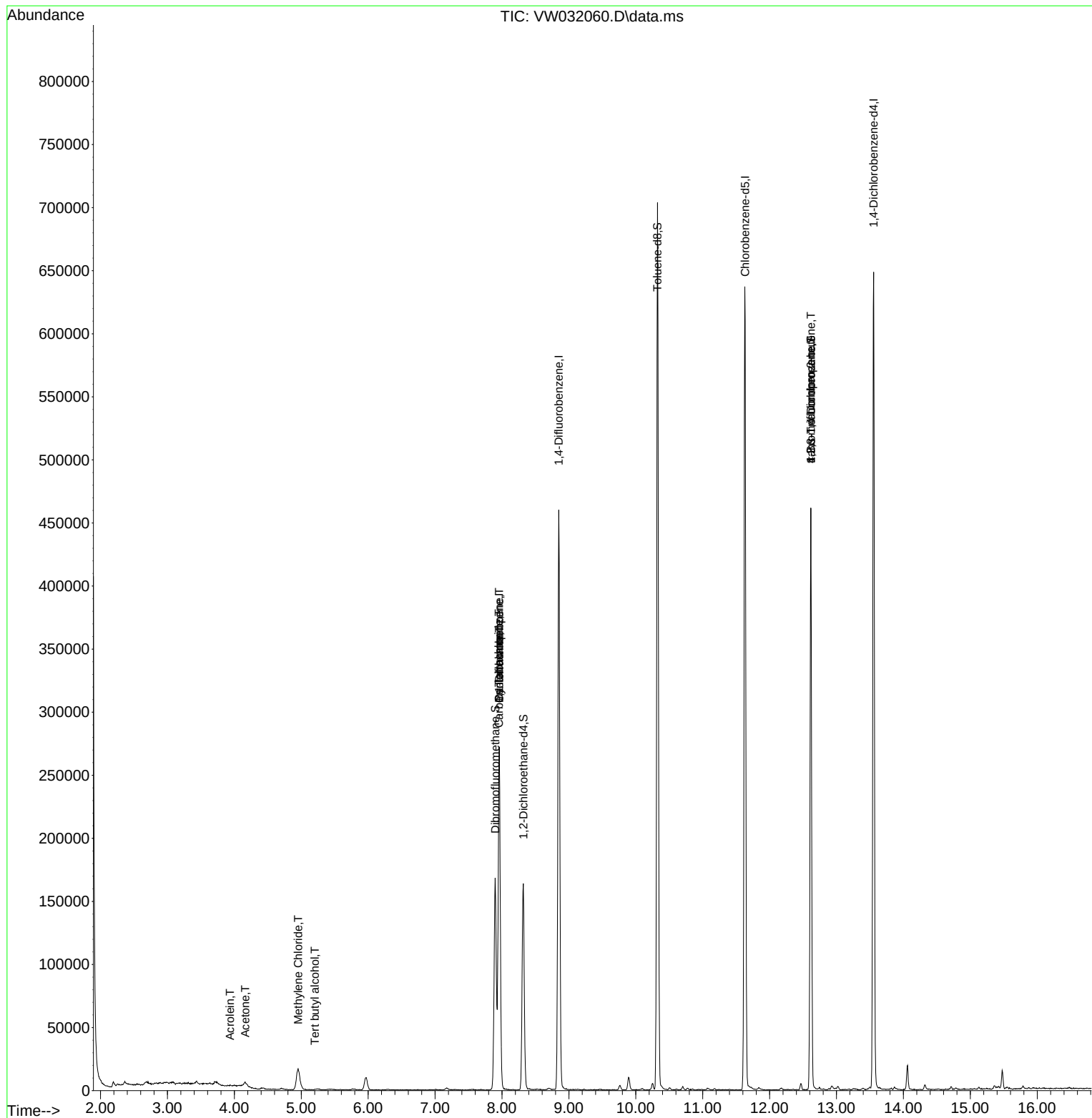
Internal Standards						
1) Pentafluorobenzene	7.959	168	176404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	359327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134172	52.590	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 105.180%		
35) Dibromofluoromethane	7.898	113	121027	47.813	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 95.620%		
50) Toluene-d8	10.325	98	459644	49.095	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 98.180%		
62) 4-Bromofluorobenzene	12.617	95	163583	47.413	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.820%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.204	59	221	1.338	ug/l #	71
13) Acrolein	3.936	56	391	1.485	ug/l #	59
16) Acetone	4.161	43	6211	10.515	ug/l #	77
20) Methylene Chloride	4.954	84	15422	5.647	ug/l	93
31) Cyclohexane	7.959	56	4356	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	17291	4.846	ug/l #	49
38) Carbon Tetrachloride	7.953	117	21901	6.360	ug/l #	19
76) 1,2,3-Trichloropropane	12.617	75	84820	36.820	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	84820	95.322	ug/l #	9

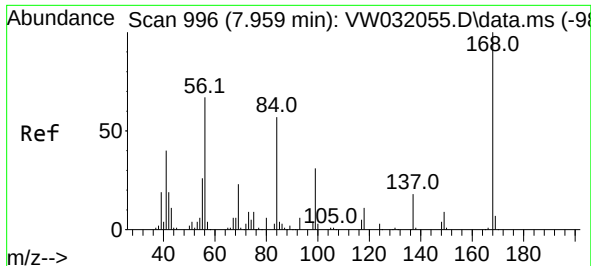
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
Data File : VW032060.D
Acq On : 11 Aug 2025 12:18
Operator : SY/MD
Sample : VW0811SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0811SBL01

Quant Time: Aug 12 04:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

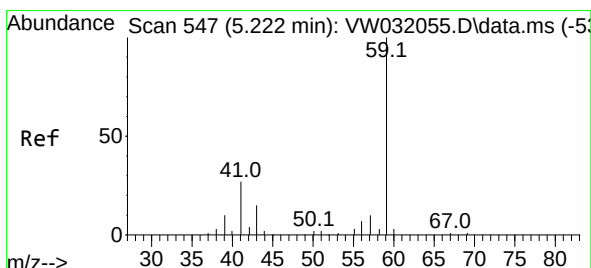
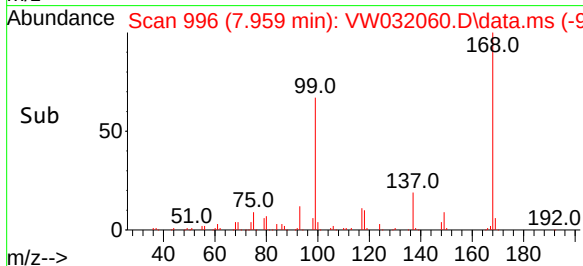
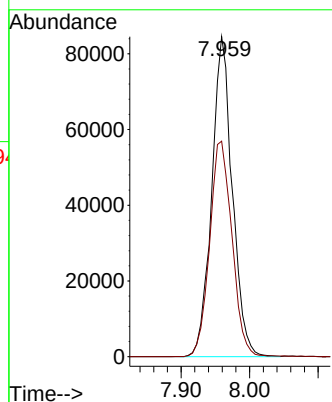
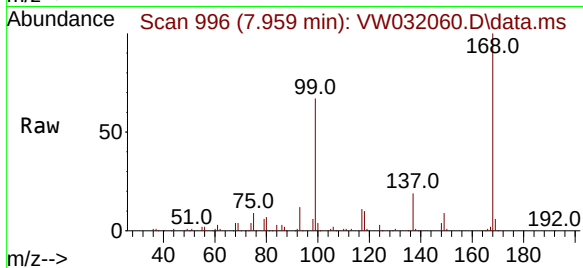




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

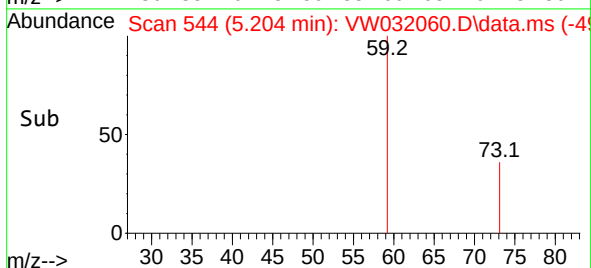
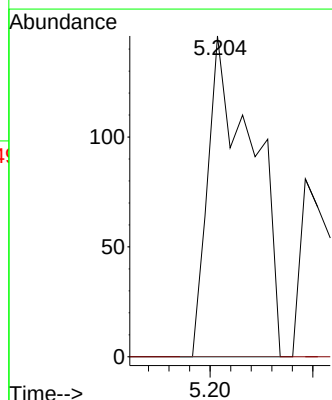
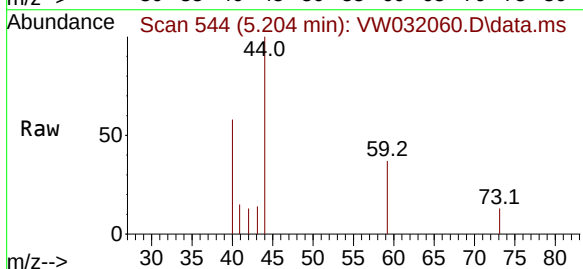
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBL01

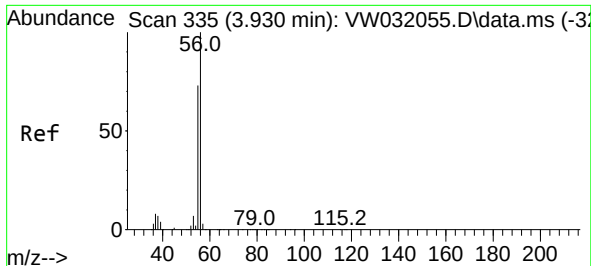
Tgt Ion:168 Resp: 176404
Ion Ratio Lower Upper
168 100
99 67.3 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.338 ug/l
RT: 5.204 min Scan# 544
Delta R.T. -0.018 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

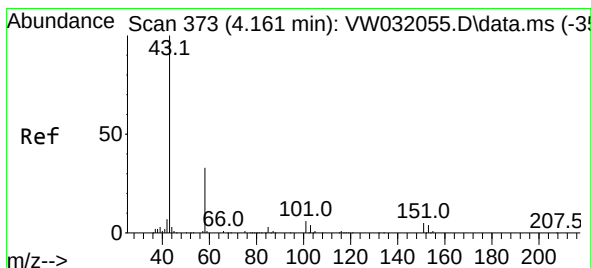
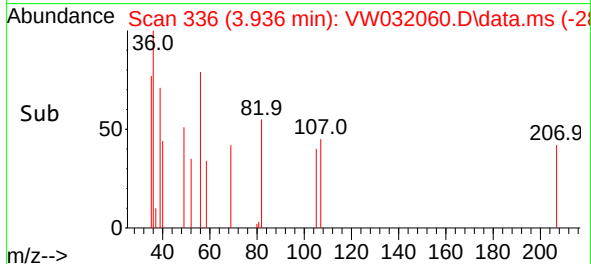
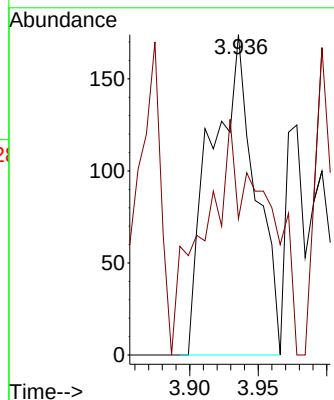
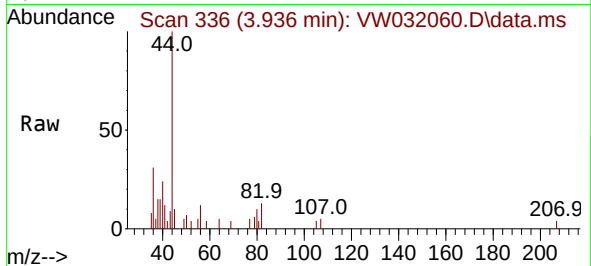




#13
Acrolein
Concen: 1.485 ug/l
RT: 3.936 min Scan# 336
Delta R.T. 0.006 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

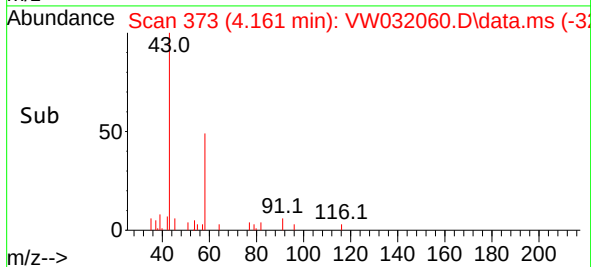
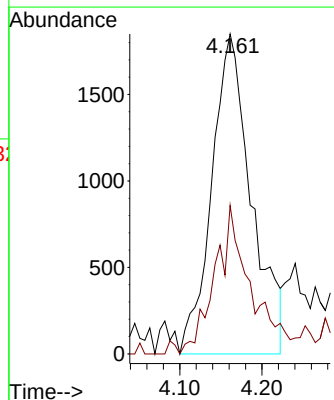
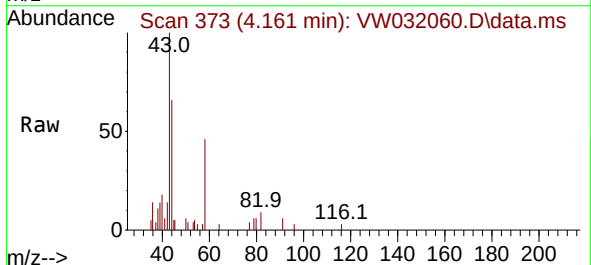
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBL01

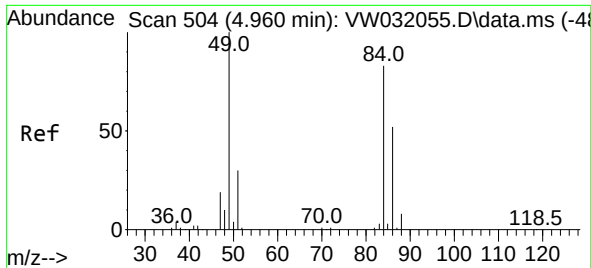
Tgt Ion: 56 Resp: 391
Ion Ratio Lower Upper
56 100
55 102.6 55.4 83.2#



#16
Acetone
Concen: 10.515 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion: 43 Resp: 6211
Ion Ratio Lower Upper
43 100
58 46.4 26.6 39.8#

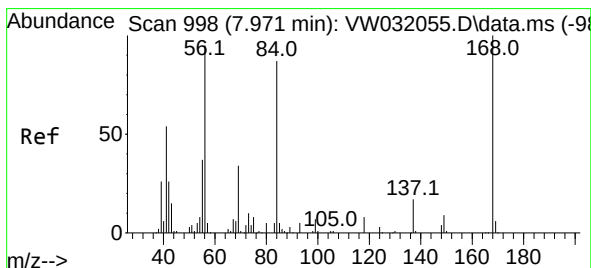
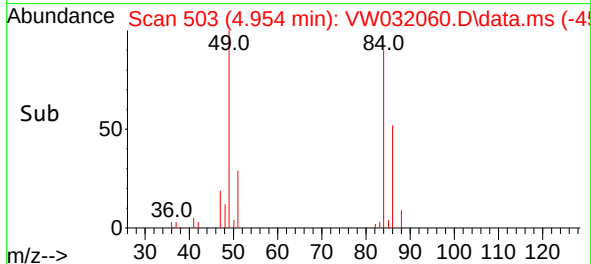
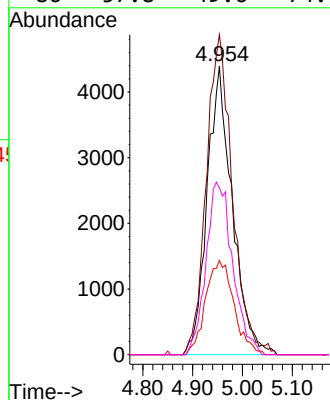
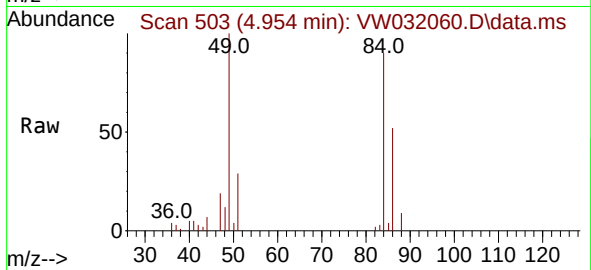




#20
Methylene Chloride
Concen: 5.647 ug/l
RT: 4.954 min Scan# 504
Delta R.T. -0.006 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

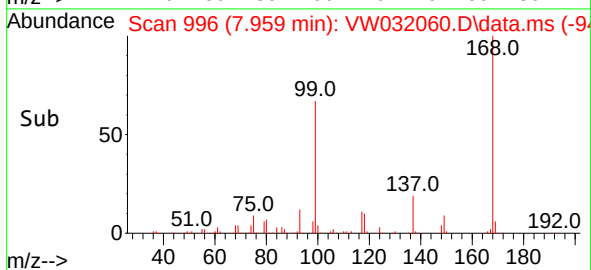
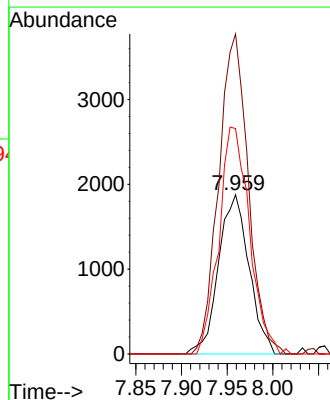
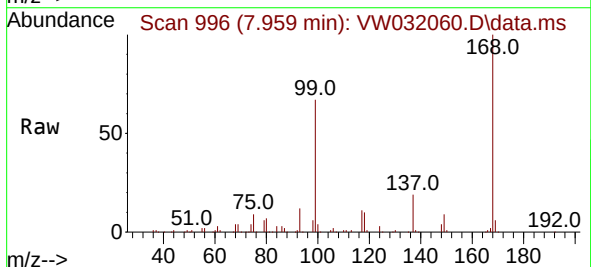
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBL01

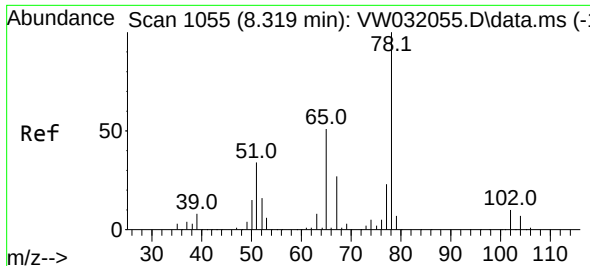
Tgt Ion:	84	Resp:	15422
Ion	Ratio	Lower	Upper
84	100		
49	110.9	95.9	143.9
51	32.7	28.6	43.0
86	57.8	49.6	74.4



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion:	56	Resp:	4356
Ion	Ratio	Lower	Upper
56	100		
69	200.9	28.6	42.8#
84	141.6	73.0	109.4#

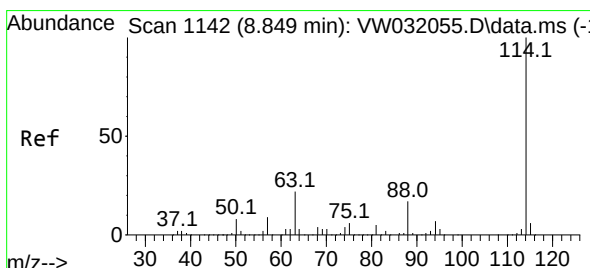
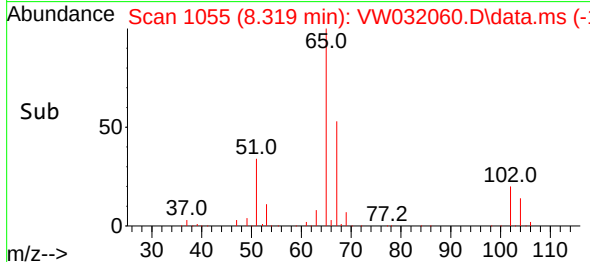
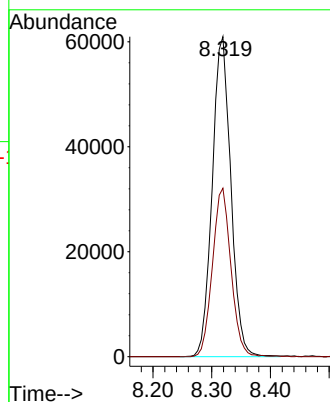
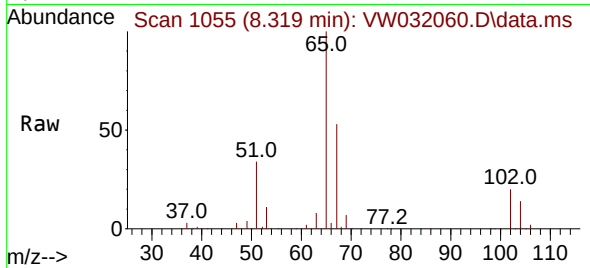




#33
 1,2-Dichloroethane-d4
 Concen: 52.590 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032060.D
 Acq: 11 Aug 2025 12:18

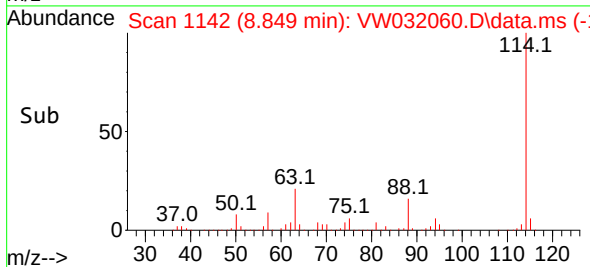
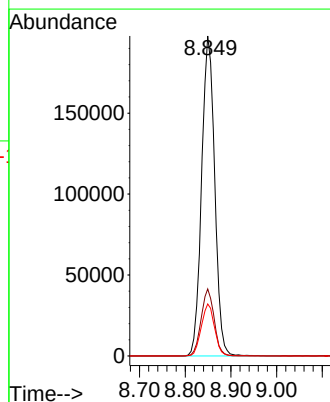
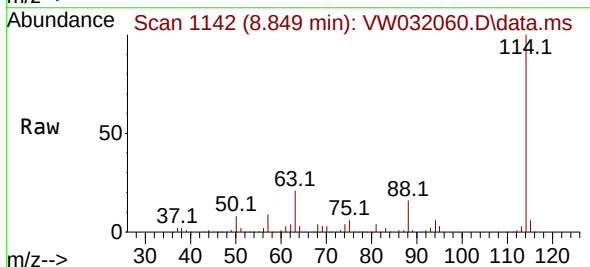
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBL01

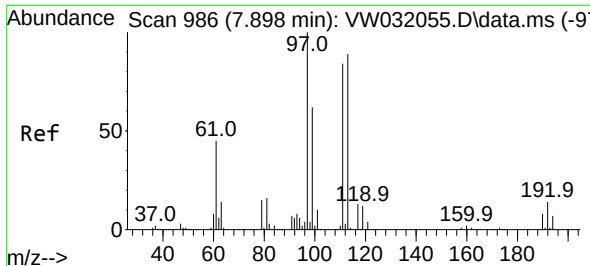
Tgt Ion: 65 Resp: 134172
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032060.D
 Acq: 11 Aug 2025 12:18

Tgt Ion: 114 Resp: 391811
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 16.3 0.0 33.8

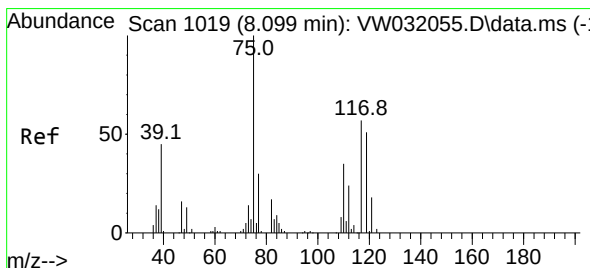
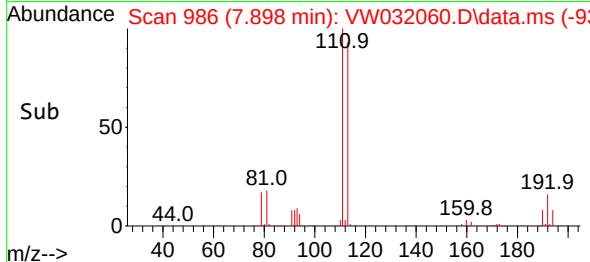
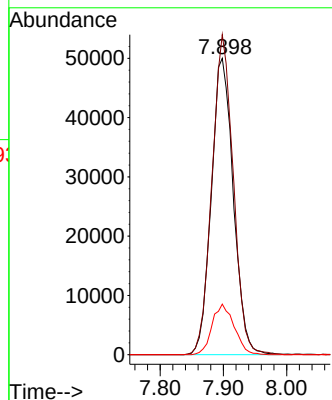
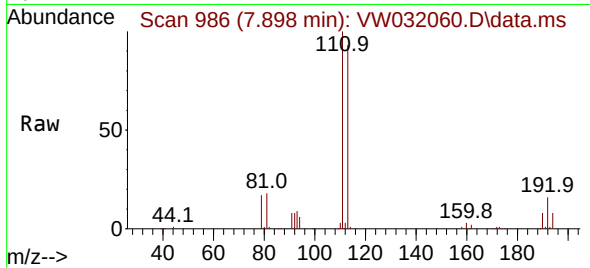




#35
Dibromofluoromethane
Concen: 47.813 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

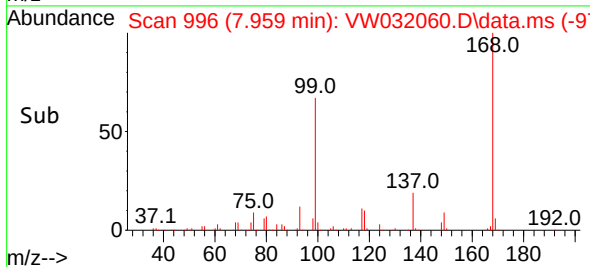
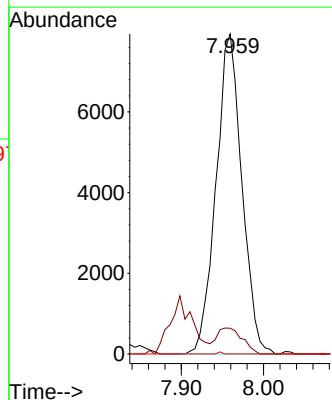
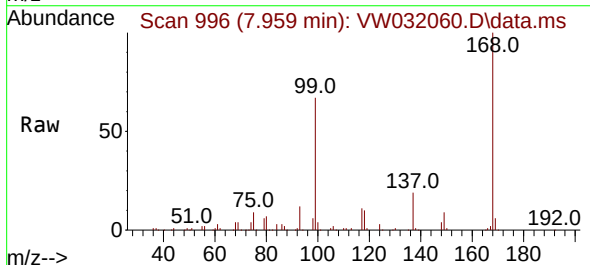
Instrument :
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ClientSampleId :
VW0811SBL01

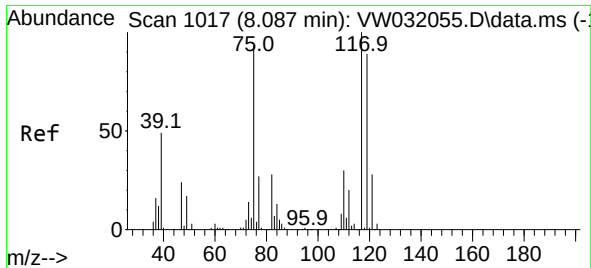
Tgt Ion:113 Resp: 121027
Ion Ratio Lower Upper
113 100
111 104.5 80.1 120.1
192 17.1 13.1 19.7



#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion: 75 Resp: 17291
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.2#
77 0.1 24.7 37.1#

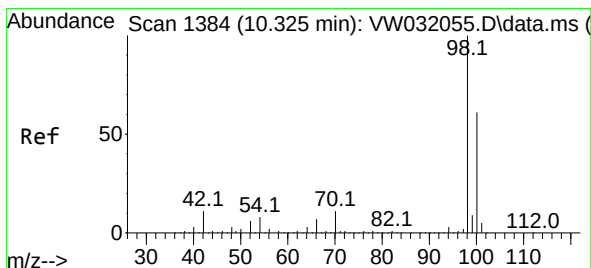
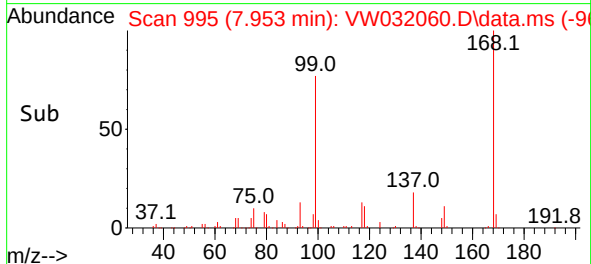
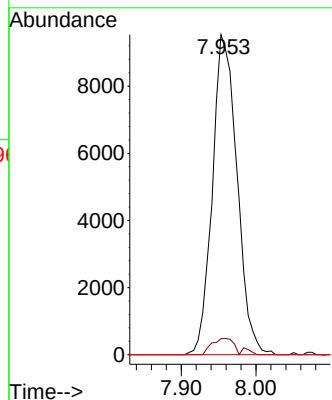
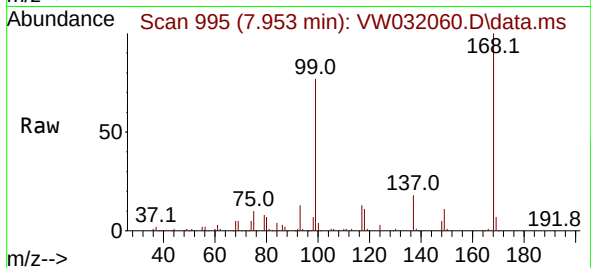




#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.134 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

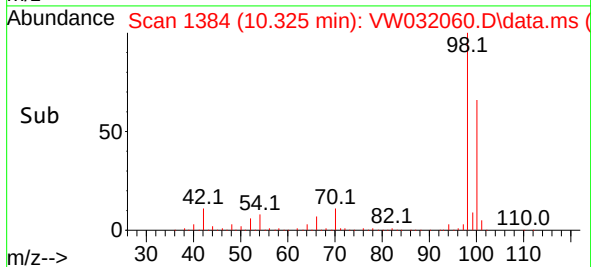
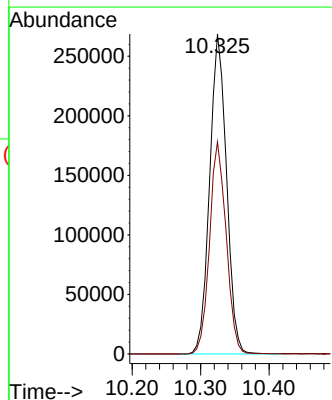
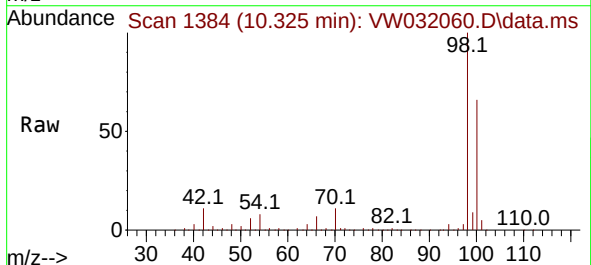
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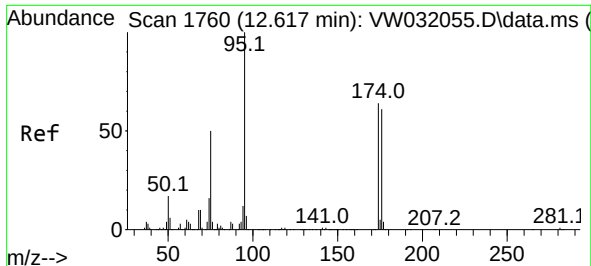
Tgt Ion:117 Resp: 21901
Ion Ratio Lower Upper
117 100
119 5.0 71.4 107.2#
121 0.0 22.3 33.5#



#50
Toluene-d8
Concen: 49.095 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion: 98 Resp: 459644
Ion Ratio Lower Upper
98 100
100 65.4 51.1 76.7

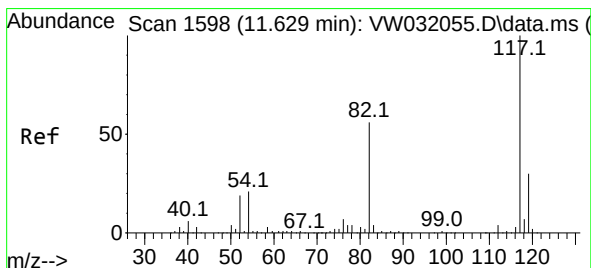
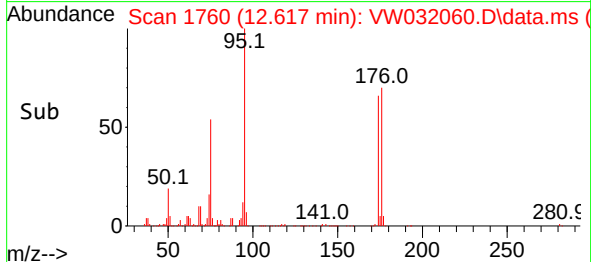
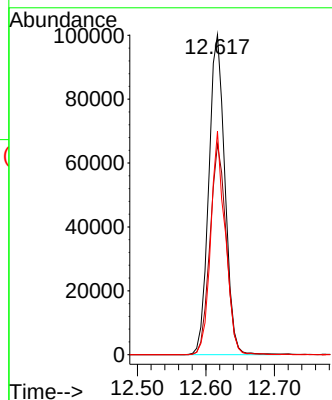
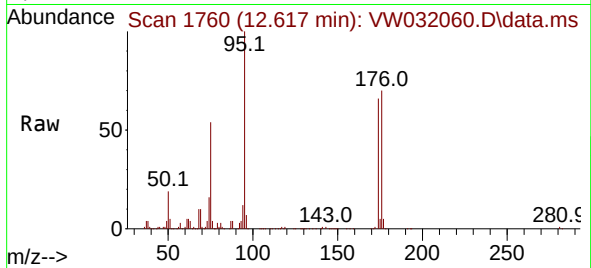




#62
4-Bromofluorobenzene
Concen: 47.413 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

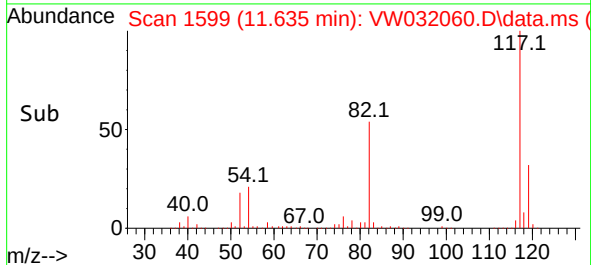
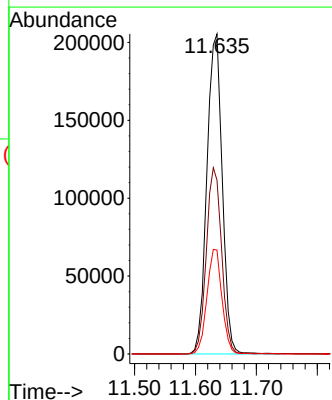
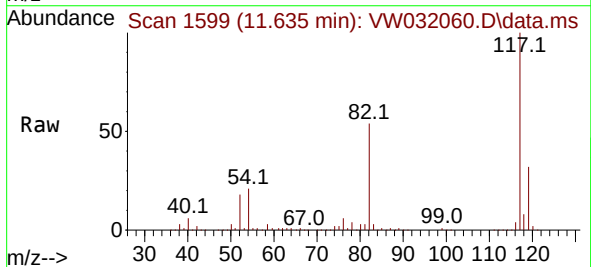
Instrument :
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VW0811SBL01

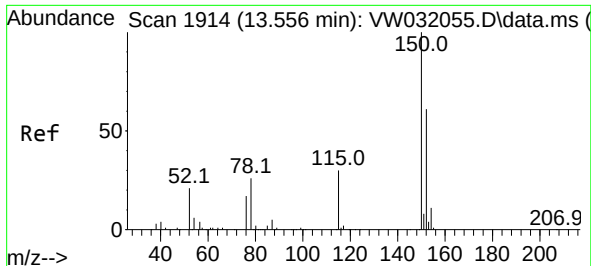
Tgt Ion: 95 Resp: 163583
Ion Ratio Lower Upper
95 100
174 66.1 0.0 129.0
176 62.9 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032060.D
Acq: 11 Aug 2025 12:18

Tgt Ion: 117 Resp: 359327
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.5 24.2 36.4

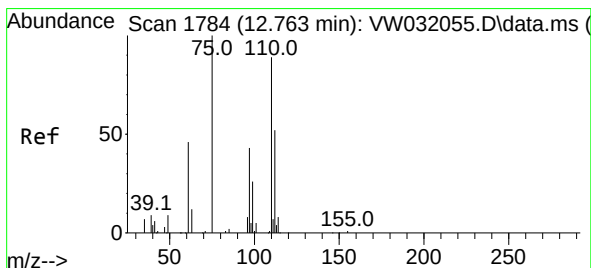
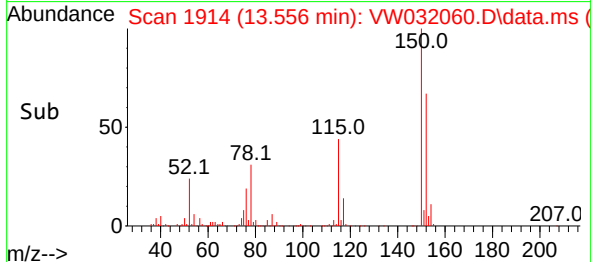
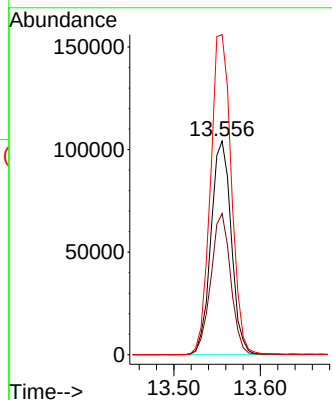
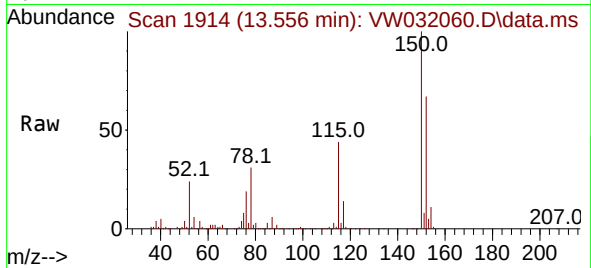




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032060.D
 Acq: 11 Aug 2025 12:18

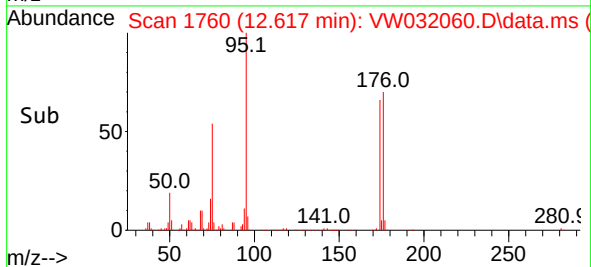
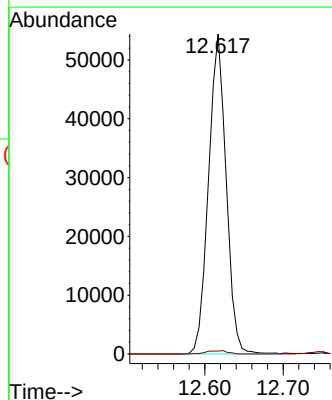
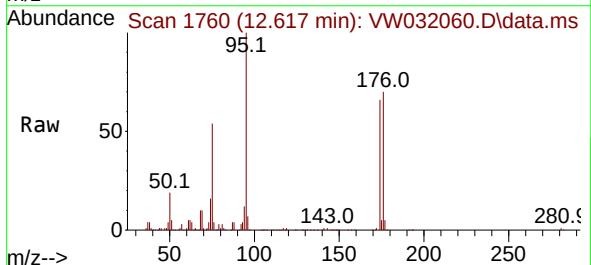
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBL01

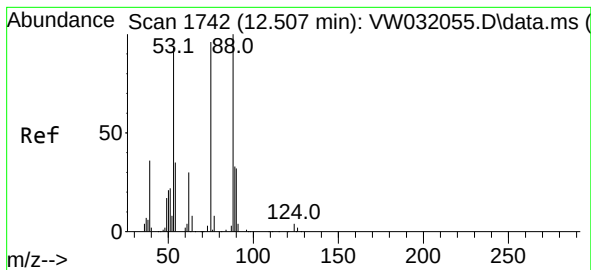
Tgt Ion:152 Resp: 169733
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.6 97.8
 150 154.1 0.0 359.4



#76
 1,2,3-Trichloropropane
 Concen: 36.820 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032060.D
 Acq: 11 Aug 2025 12:18

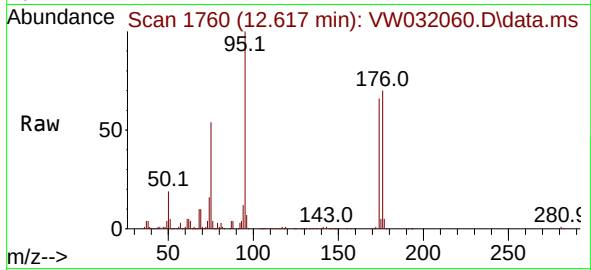
Tgt Ion: 75 Resp: 84820
 Ion Ratio Lower Upper
 75 100
 77 1.2 123.5 370.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.322 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032060.D
 Acq: 11 Aug 2025 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBL01



Tgt Ion: 75 Resp: 84820
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.0 37.3 55.9#

