

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032073.D
 Acq On : 11 Aug 2025 17:41
 Operator : SY/MD
 Sample : Q2819-03
 Misc : 7.53g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W

Quant Time: Aug 12 04:28:47 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)

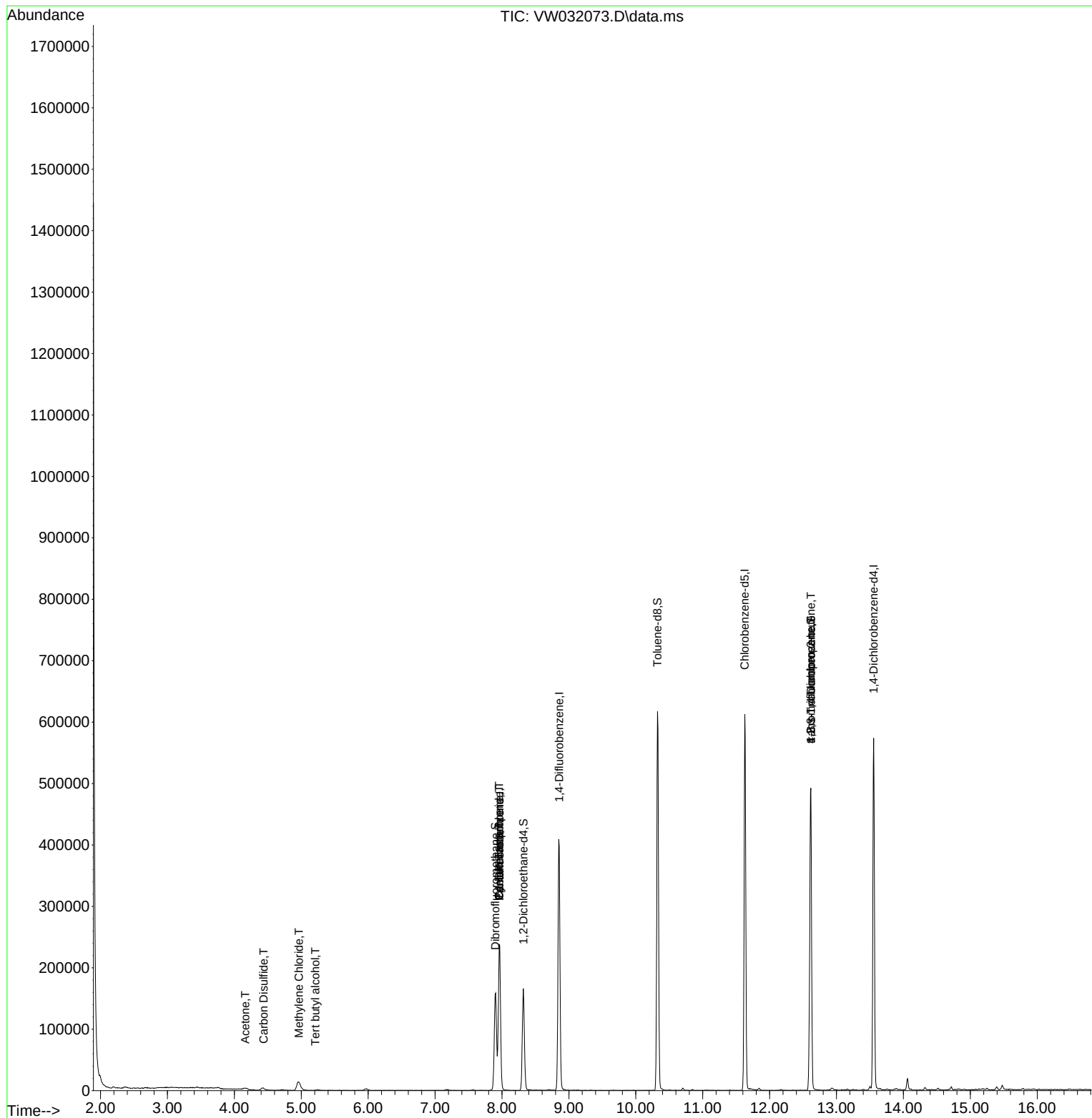
Internal Standards						
1) Pentafluorobenzene	7.965	168	162776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	351013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	336246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133180	56.571	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 113.140%			
35) Dibromofluoromethane	7.898	113	119888	52.868	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.740%			
50) Toluene-d8	10.325	98	416921	49.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.617	95	158734	51.355	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.210	59	329	2.158	ug/l #	71
16) Acetone	4.161	43	3365	6.174	ug/l #	87
17) Carbon Disulfide	4.436	76	8722	1.646	ug/l	98
20) Methylene Chloride	4.966	84	13211	5.242	ug/l #	85
31) Cyclohexane	7.959	56	3984	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	15631	4.890	ug/l #	50
38) Carbon Tetrachloride	7.959	117	19246	6.238	ug/l #	19
76) 1,2,3-Trichloropropane	12.617	75	82381	41.028	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	82381	106.217	ug/l #	9

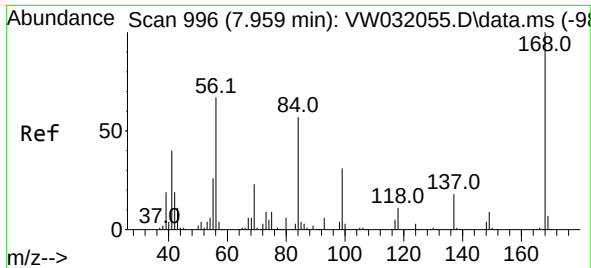
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
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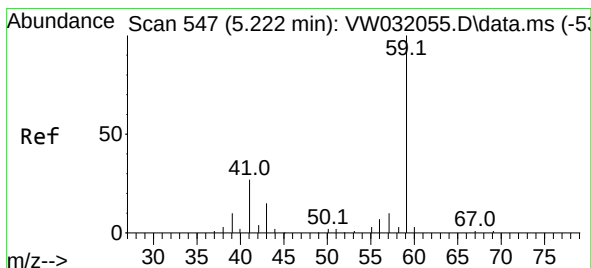
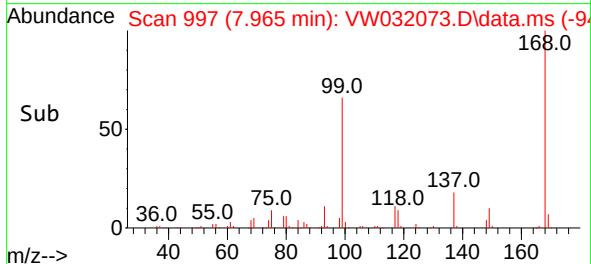
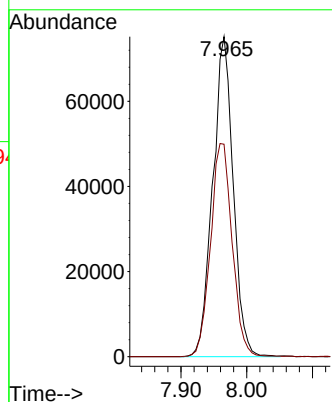
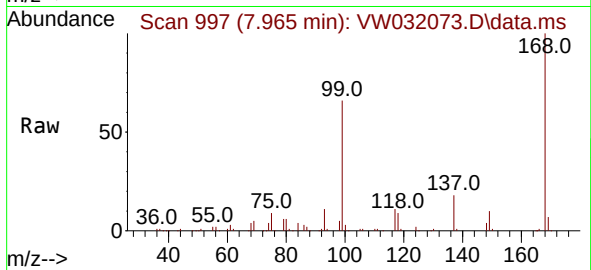




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

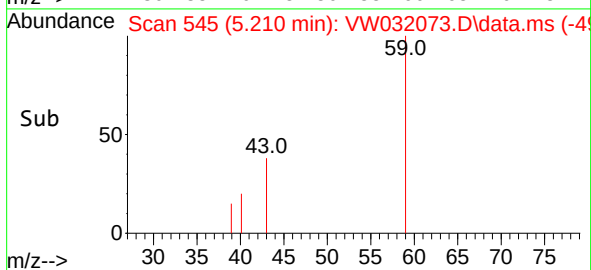
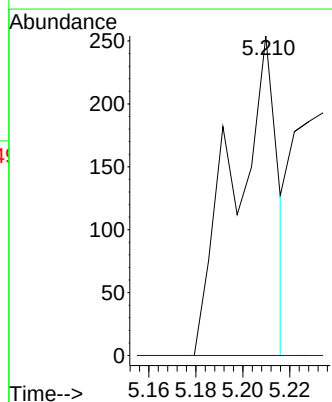
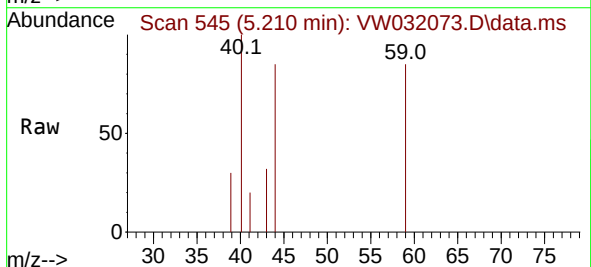
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

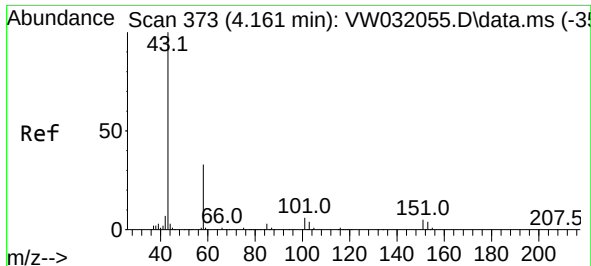
Tgt Ion:168 Resp: 162776
Ion Ratio Lower Upper
168 100
99 66.4 56.0 84.0



#11
Tert butyl alcohol
Concen: 2.158 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

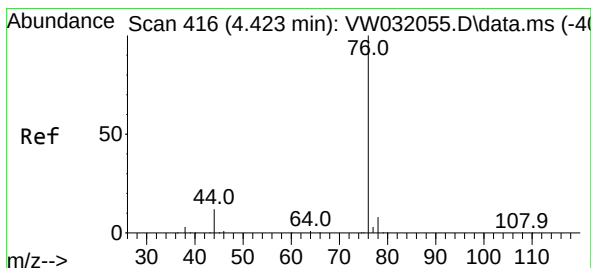
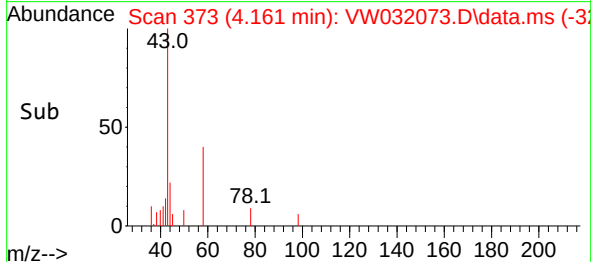
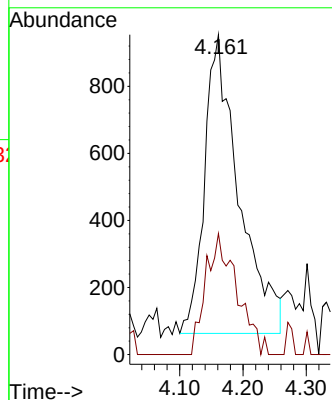
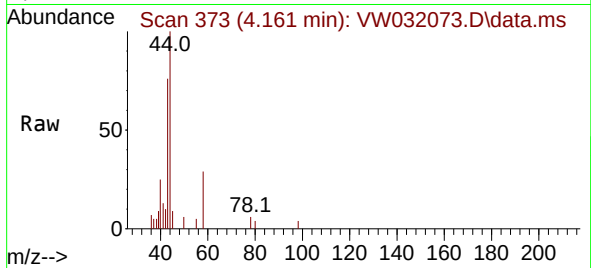




#16
Acetone
Concen: 6.174 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

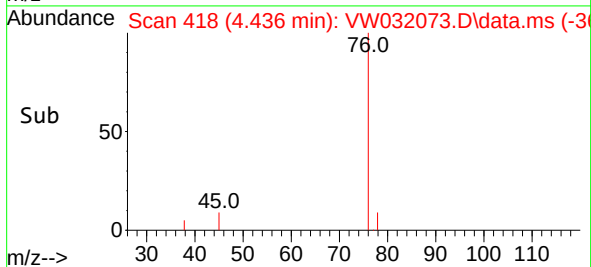
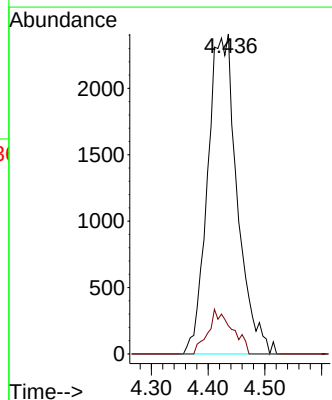
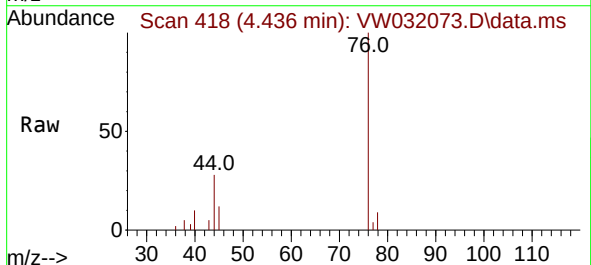
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

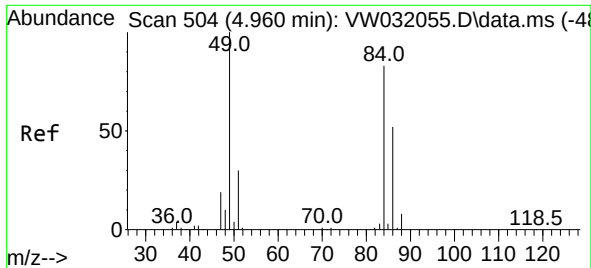
Tgt Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
58 40.5 26.6 39.8#



#17
Carbon Disulfide
Concen: 1.646 ug/l
RT: 4.436 min Scan# 418
Delta R.T. 0.012 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 76 Resp: 8722
Ion Ratio Lower Upper
76 100
78 8.8 6.4 9.6

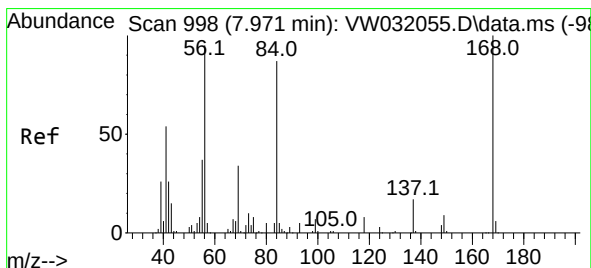
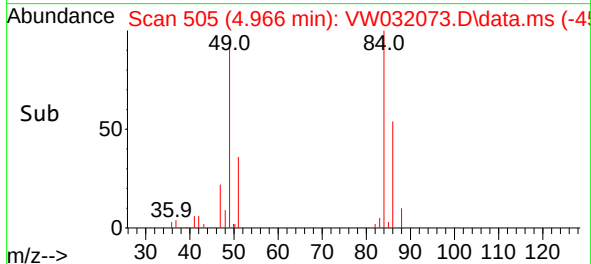
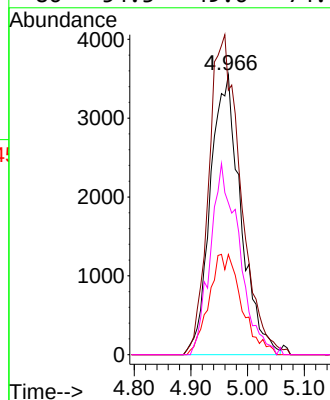
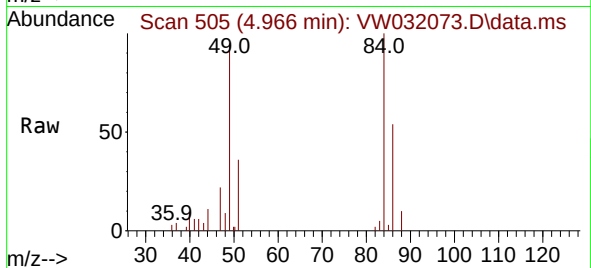




#20
Methylene Chloride
Concen: 5.242 ug/l
RT: 4.966 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

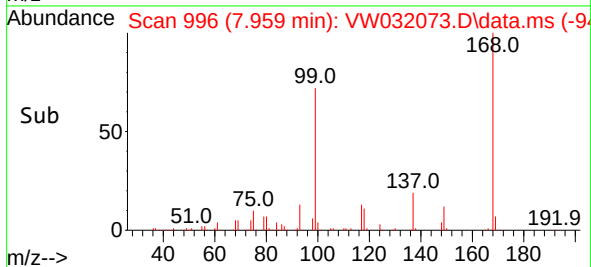
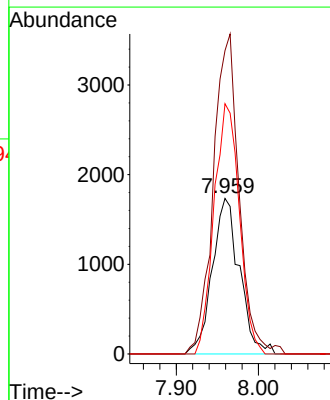
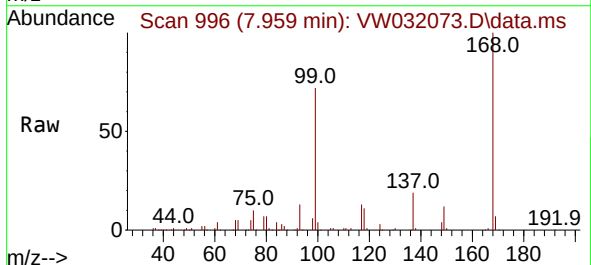
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

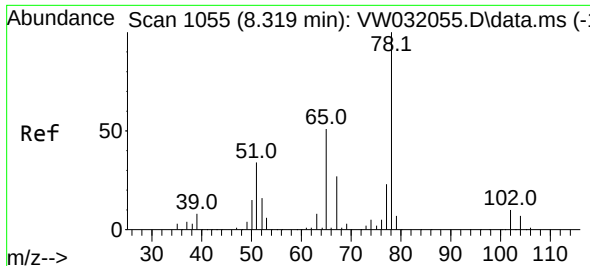
Tgt Ion:	84	Resp:	13211
Ion	Ratio	Lower	Upper
84	100		
49	94.5	95.9	143.9#
51	35.8	28.6	43.0
86	54.3	49.6	74.4



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion:	56	Resp:	3984
Ion	Ratio	Lower	Upper
56	100		
69	195.0	28.6	42.8#
84	160.9	73.0	109.4#

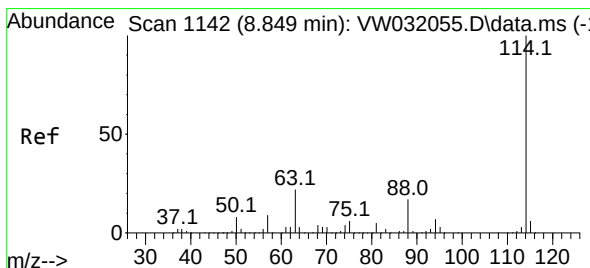
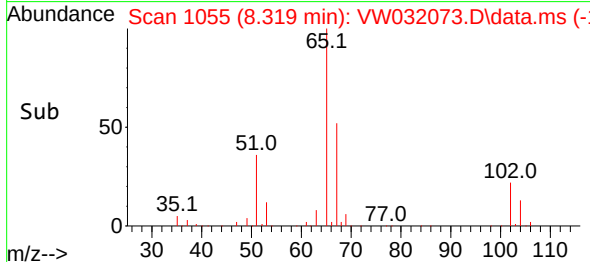
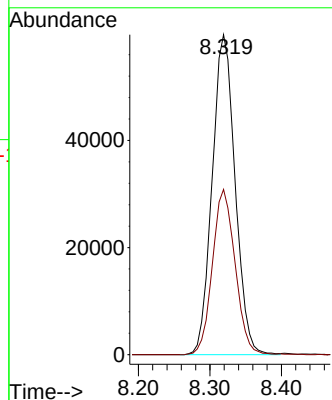
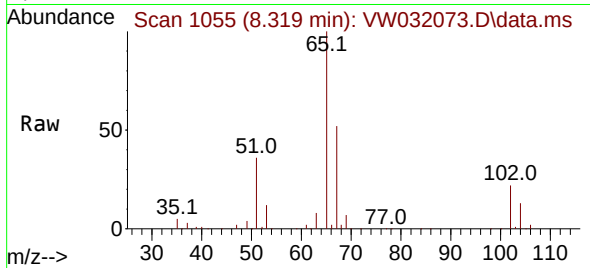




#33
 1,2-Dichloroethane-d4
 Concen: 56.571 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

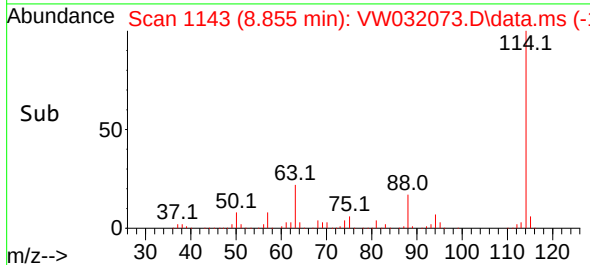
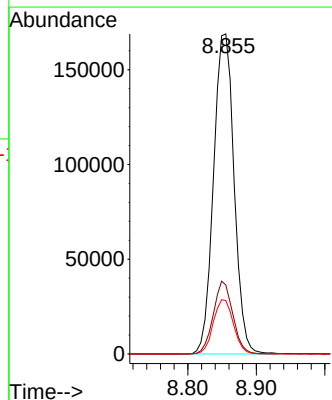
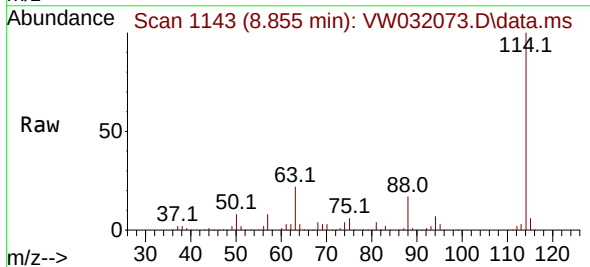
Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W

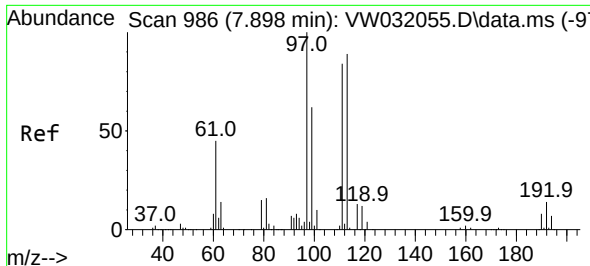
Tgt Ion: 65 Resp: 133180
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

Tgt Ion: 114 Resp: 351013
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 16.7 0.0 33.8

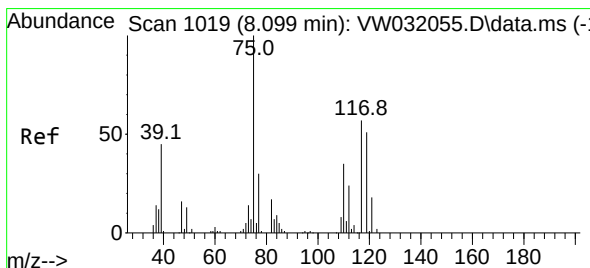
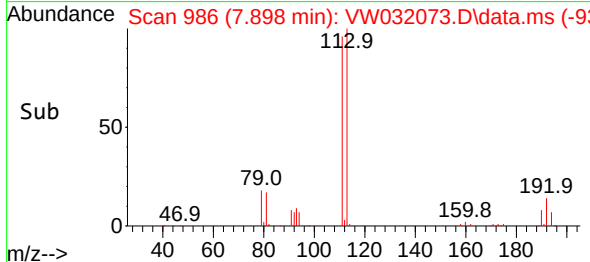
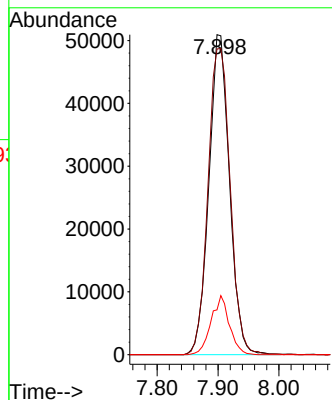
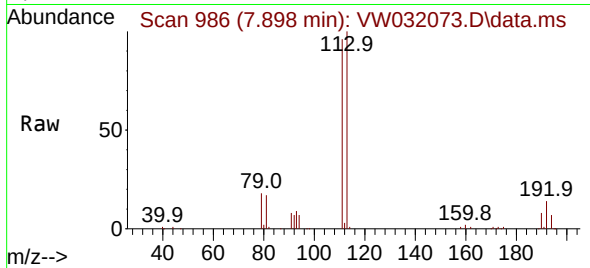




#35
Dibromofluoromethane
Concen: 52.868 ug/l
RT: 7.898 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

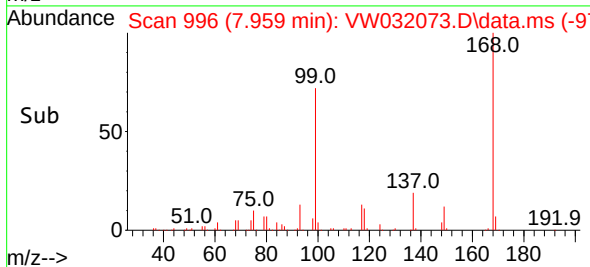
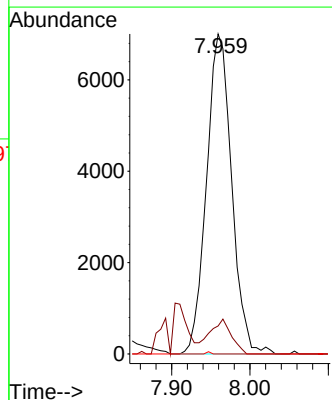
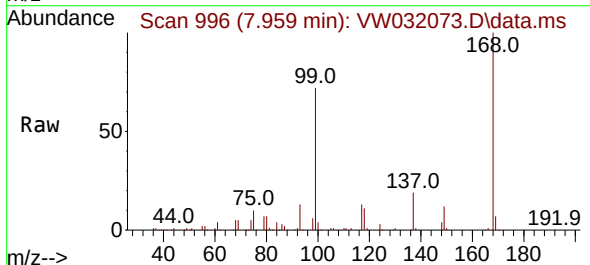
Instrument :
MSVOA_W
ClientSampleId :
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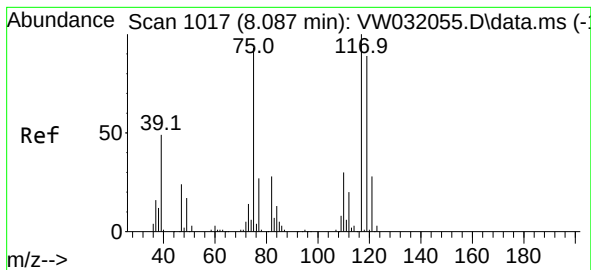
Tgt Ion:113 Resp: 119888
Ion Ratio Lower Upper
113 100
111 102.8 80.1 120.1
192 16.3 13.1 19.7



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 75 Resp: 15631
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.2#
77 0.1 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032073.D

Acq: 11 Aug 2025 17:41

Instrument :

MSVOA_W

ClientSampleId :

22BP-W

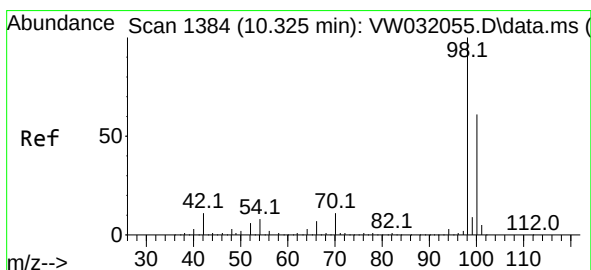
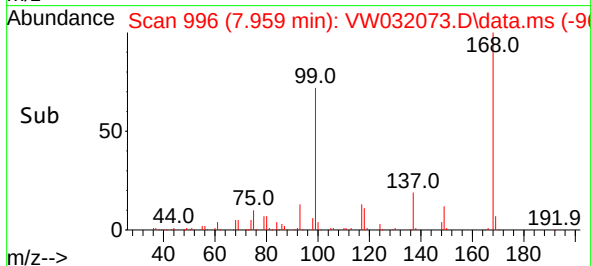
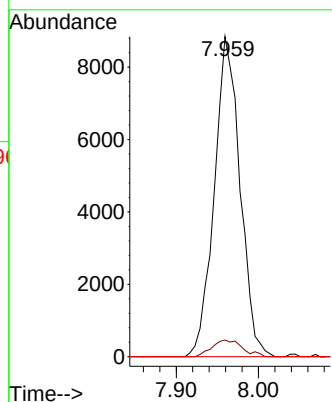
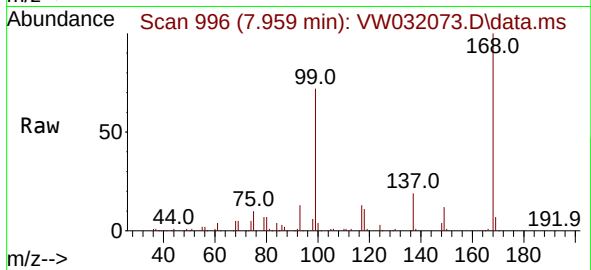
Tgt Ion:117 Resp: 19246

Ion Ratio Lower Upper

117 100

119 5.2 71.4 107.2#

121 0.0 22.3 33.5#



#50

Toluene-d8

Concen: 49.708 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032073.D

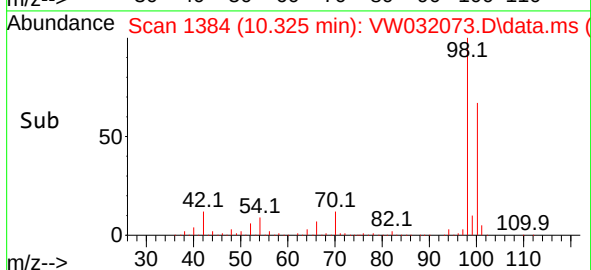
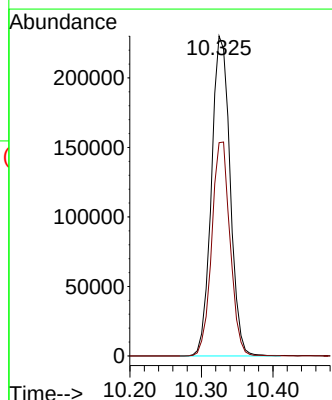
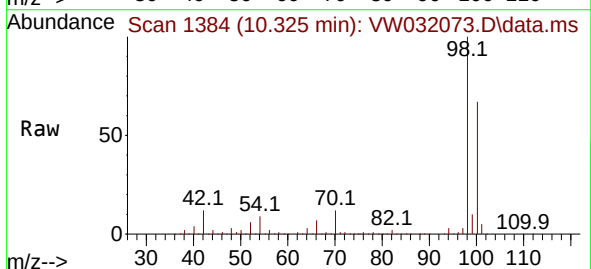
Acq: 11 Aug 2025 17:41

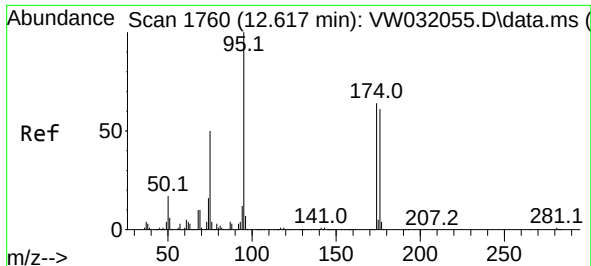
Tgt Ion: 98 Resp: 416921

Ion Ratio Lower Upper

98 100

100 65.7 51.1 76.7

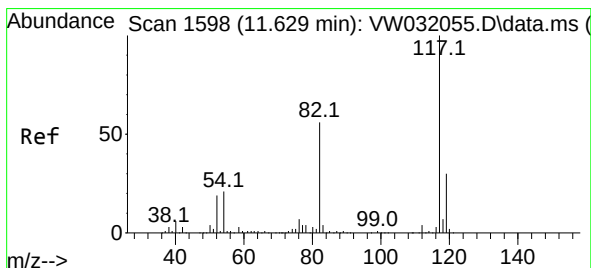
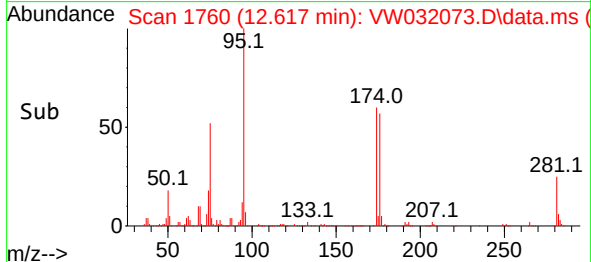
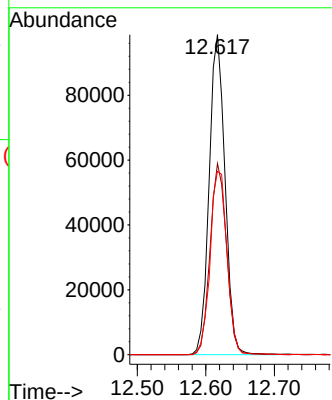
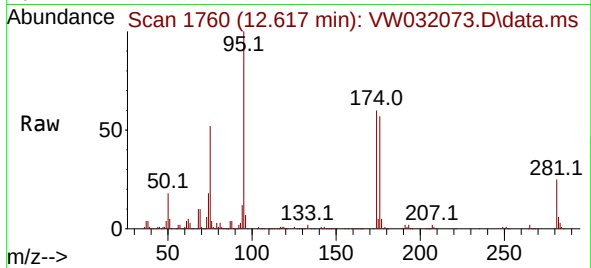




#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

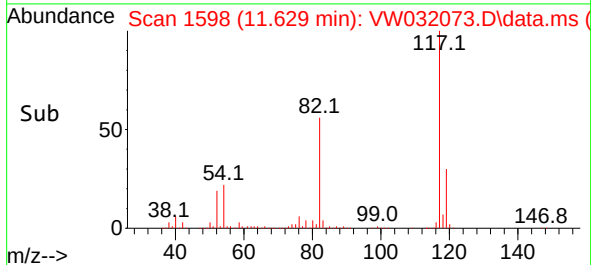
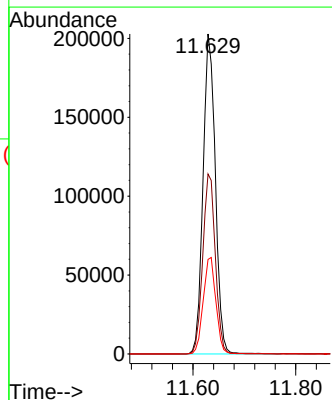
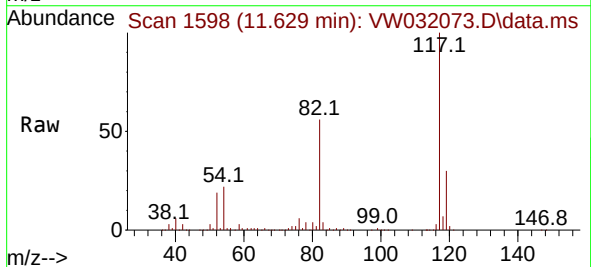
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

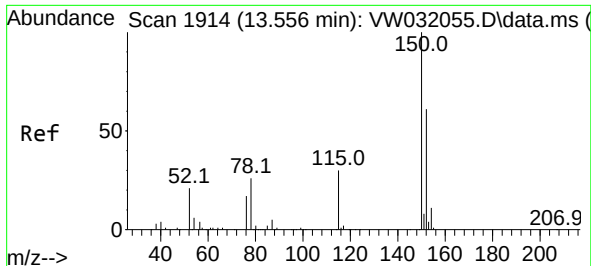
Tgt Ion: 95 Resp: 158734
Ion Ratio Lower Upper
95 100
174 61.9 0.0 129.0
176 61.4 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 117 Resp: 336246
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 29.6 24.2 36.4

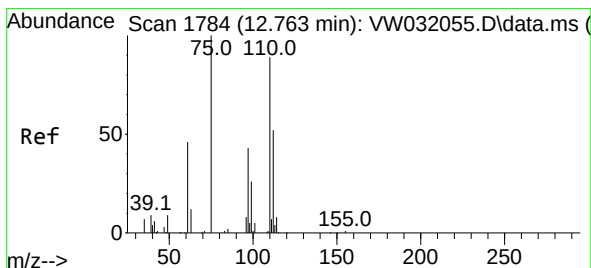
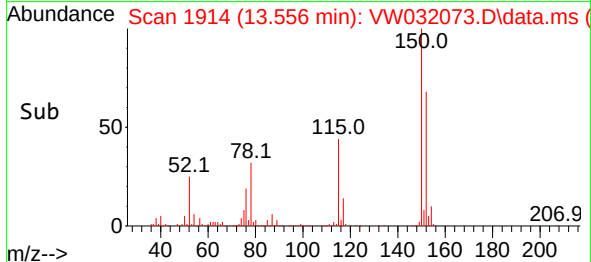
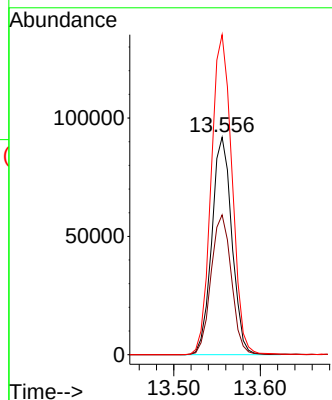
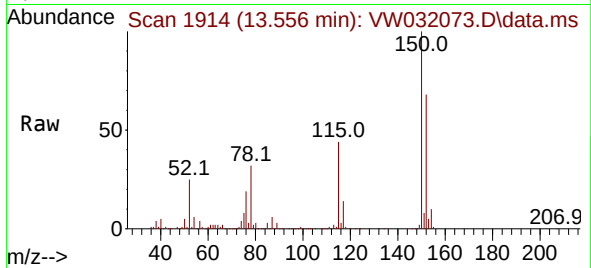




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

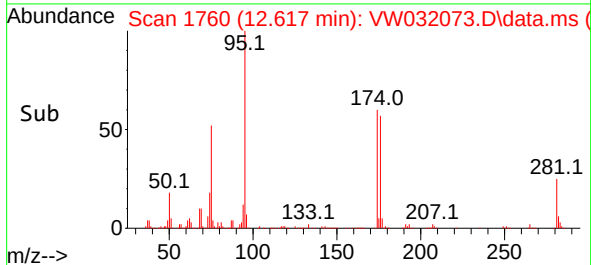
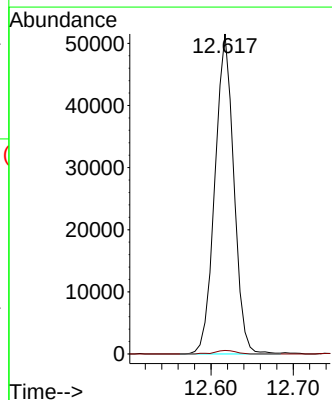
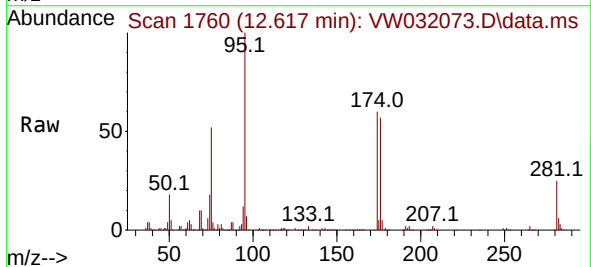
Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W

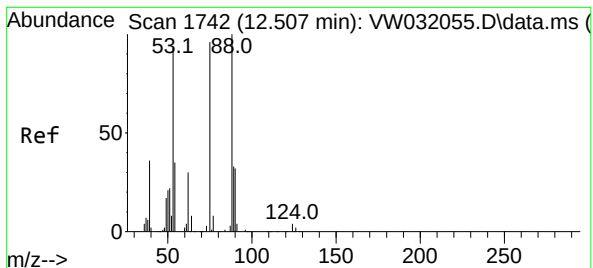
Tgt Ion:152 Resp: 147943
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.6 97.8
 150 152.5 0.0 359.4



#76
 1,2,3-Trichloropropane
 Concen: 41.028 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

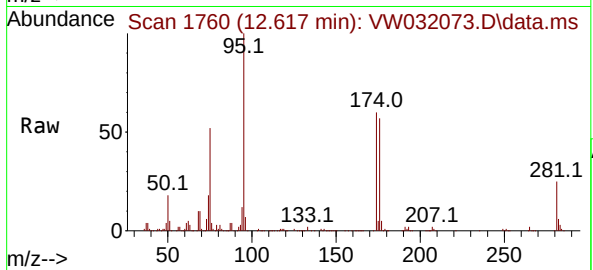
Tgt Ion: 75 Resp: 82381
 Ion Ratio Lower Upper
 75 100
 77 1.2 123.5 370.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.217 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W



Tgt Ion: 75 Resp: 82381
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.8 37.3 55.9#

