

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032251.D
 Acq On : 24 Sep 2025 17:57
 Operator : SY/MD
 Sample : Q3183-03
 Misc : 5.37g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1-VOC

Quant Time: Sep 25 08:17:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

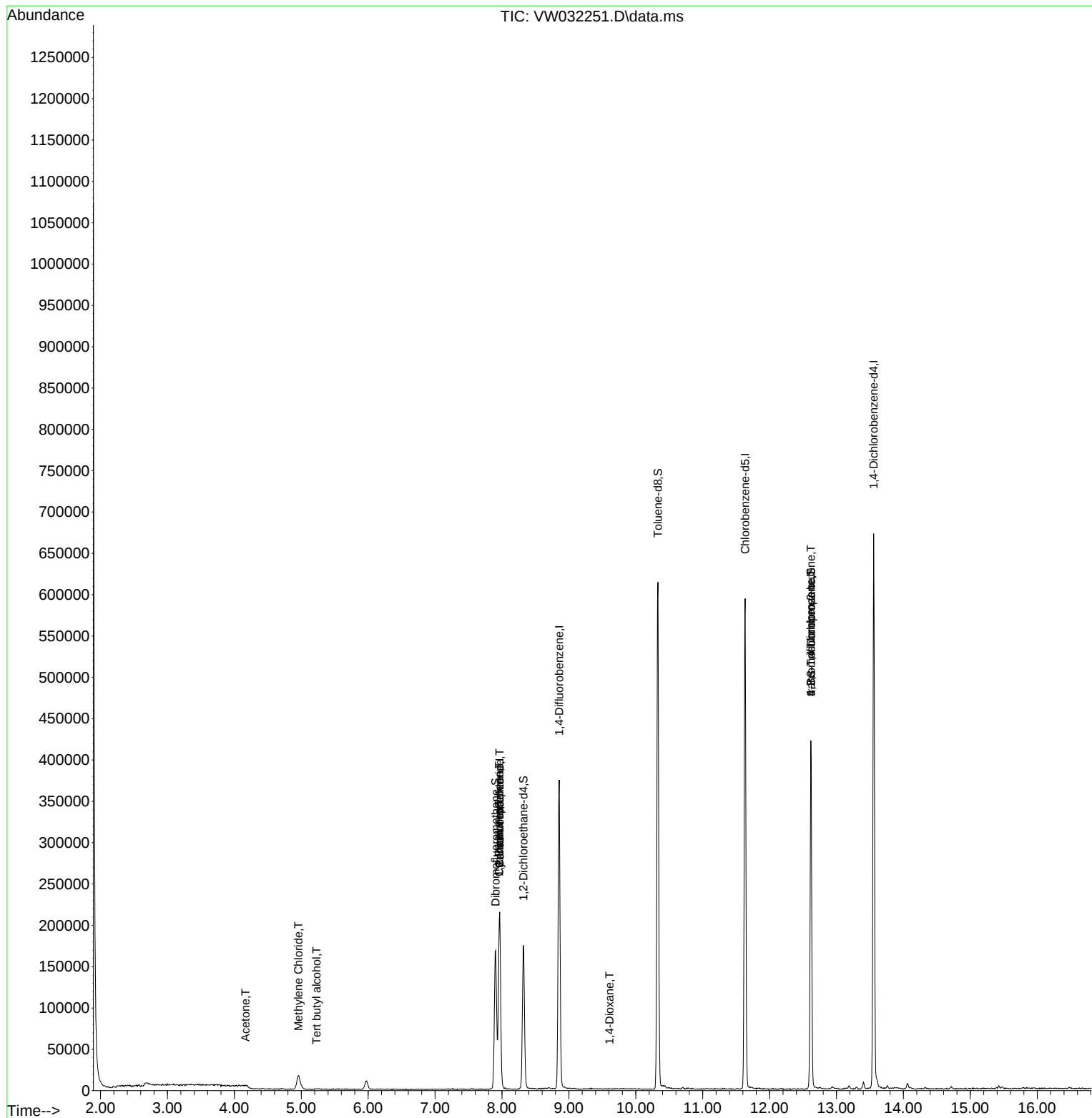
Internal Standards						
1) Pentafluorobenzene	7.965	168	151665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	311857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	321946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	159637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141932	65.436	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 130.880%		
35) Dibromofluoromethane	7.904	113	120733	55.180	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 110.360%		
50) Toluene-d8	10.331	98	400451	52.136	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 104.280%		
62) 4-Bromofluorobenzene	12.617	95	138076	48.614	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 97.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.228	59	149	1.123	ug/l #	69
16) Acetone	4.167	43	1608	3.423	ug/l	92
20) Methylene Chloride	4.960	84	15214	4.404	ug/l	94
31) Cyclohexane	7.959	56	4284	1.609	ug/l #	39
36) 1,1-Dichloropropene	7.959	75	13447	4.740	ug/l #	51
38) Carbon Tetrachloride	7.965	117	16710	5.495	ug/l #	18
49) 1,4-Dioxane	9.605	88	18	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	74845	37.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	74845	100.762	ug/l #	5

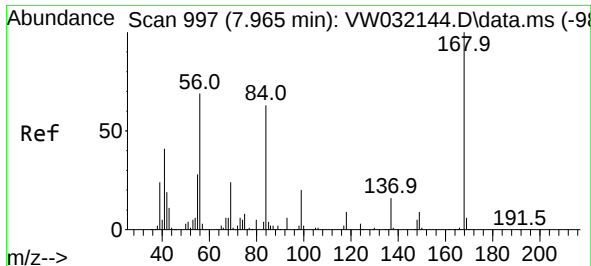
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032251.D
Acq On : 24 Sep 2025 17:57
Operator : SY/MD
Sample : Q3183-03
Misc : 5.37g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

Quant Time: Sep 25 08:17:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

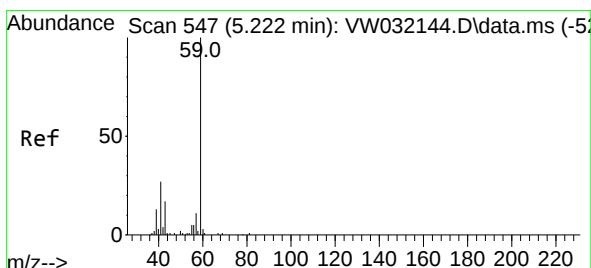
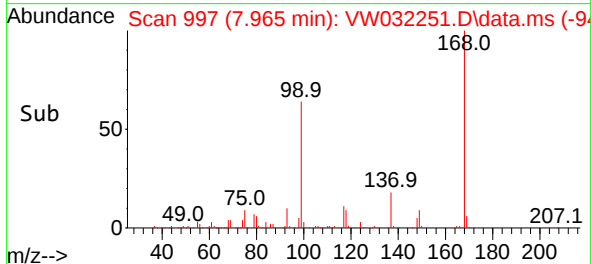
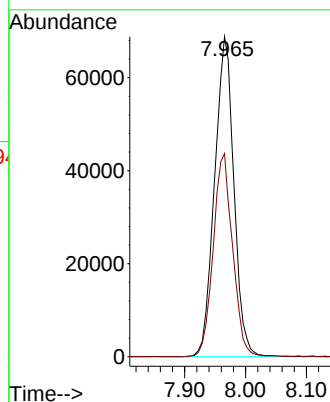
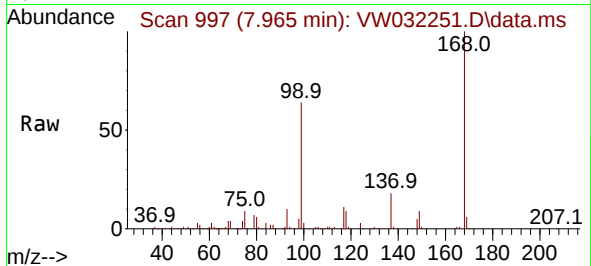




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

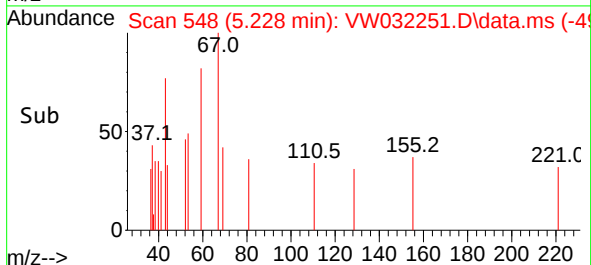
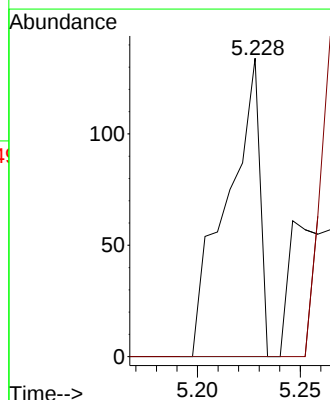
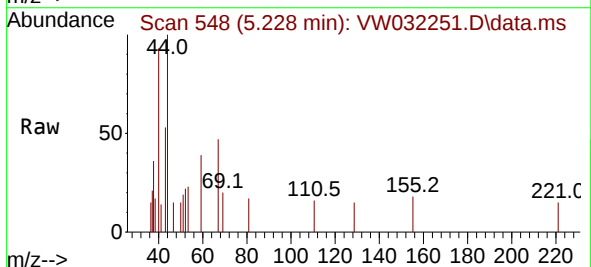
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

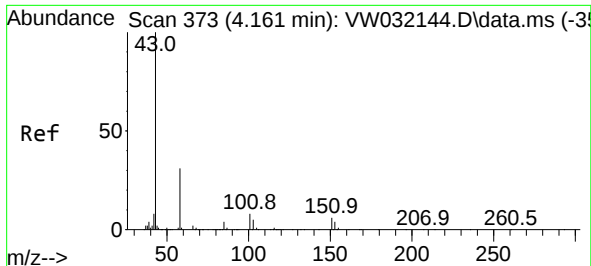
Tgt Ion:168 Resp: 151665
Ion Ratio Lower Upper
168 100
99 63.5 49.3 73.9



#11
Tert butyl alcohol
Concen: 1.123 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.006 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 9.8 14.6#

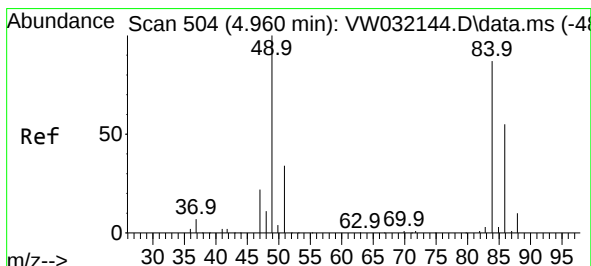
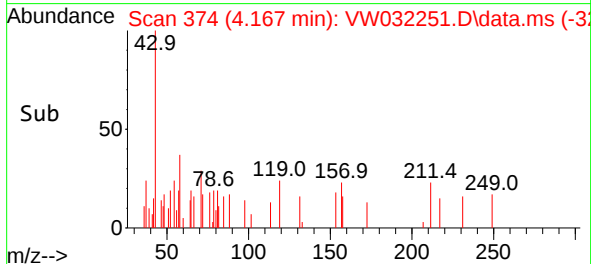
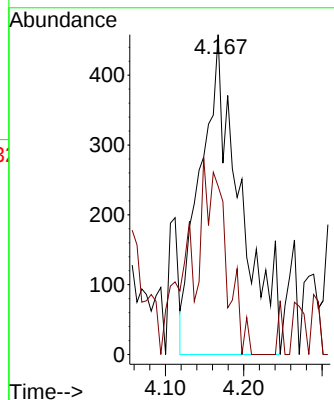
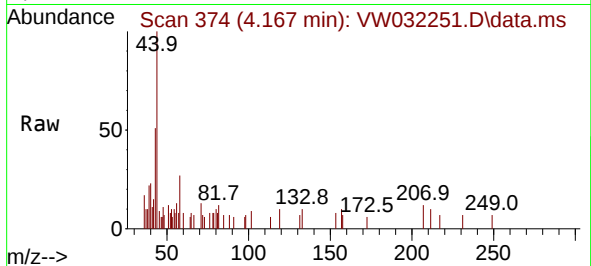




#16
Acetone
Concen: 3.423 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

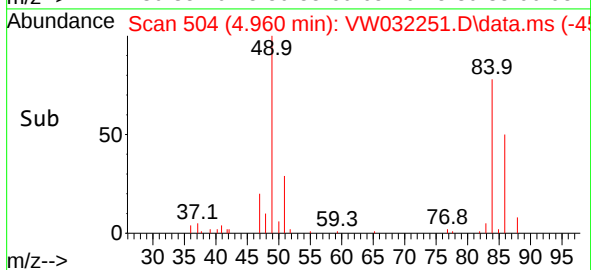
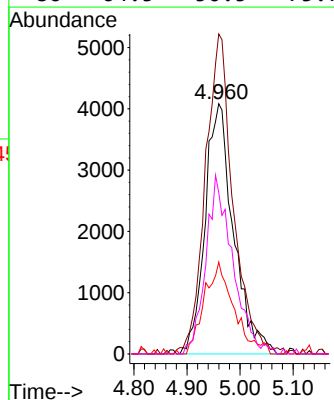
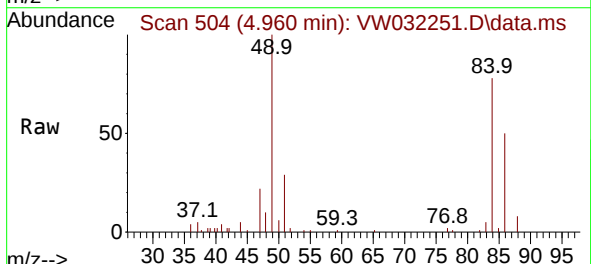
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

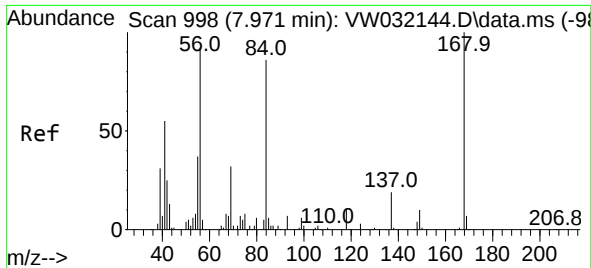
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 35.8 25.3 37.9



#20
Methylene Chloride
Concen: 4.404 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion: 84 Resp: 15214
Ion Ratio Lower Upper
84 100
49 126.1 92.2 138.4
51 36.7 31.0 46.6
86 64.5 50.5 75.7

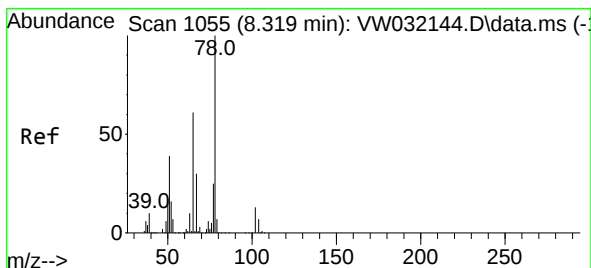
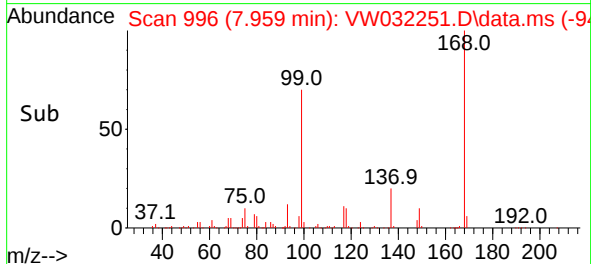
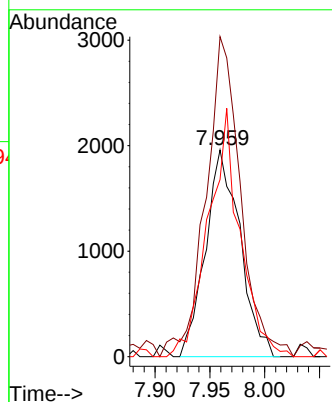
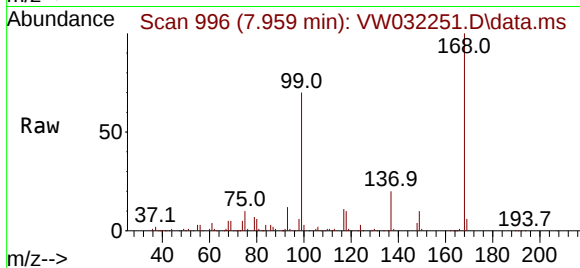




#31
Cyclohexane
Concen: 1.609 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

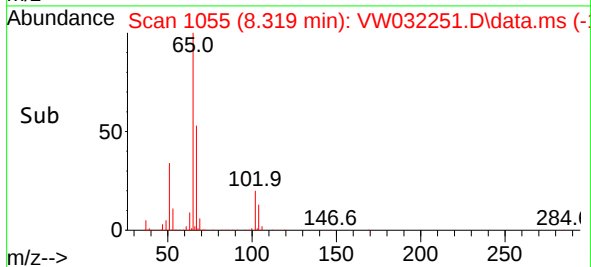
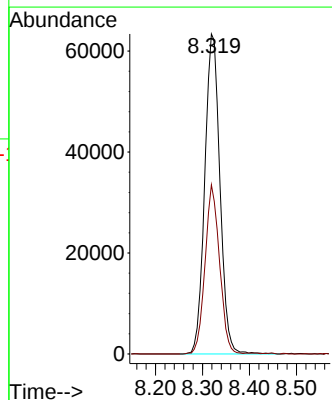
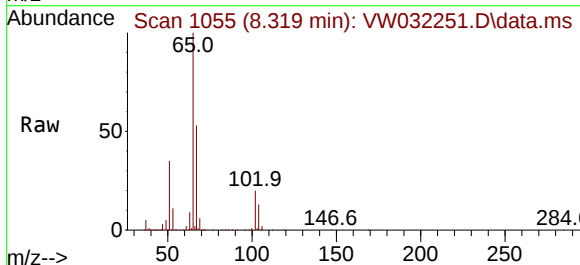
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

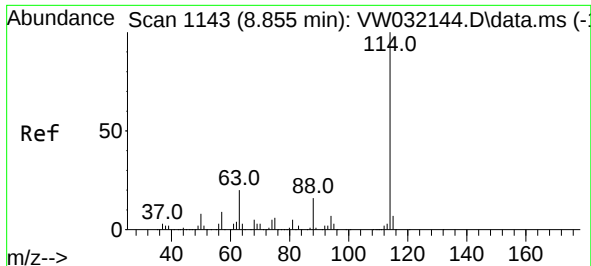
Tgt Ion: 56 Resp: 4284
Ion Ratio Lower Upper
56 100
69 149.2 27.7 41.5#
84 83.2 74.6 112.0



#33
1,2-Dichloroethane-d4
Concen: 65.436 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion: 65 Resp: 141932
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.6

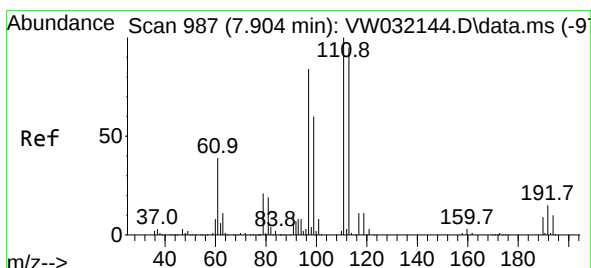
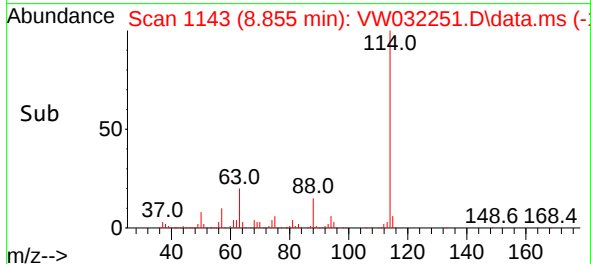
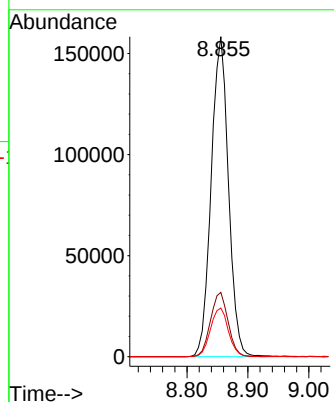
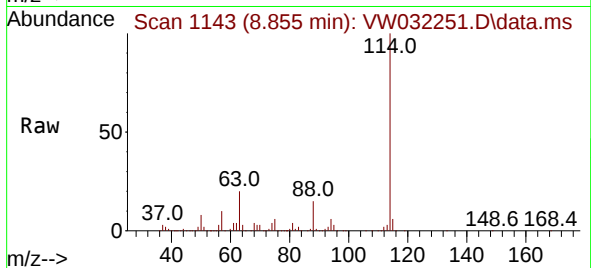




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

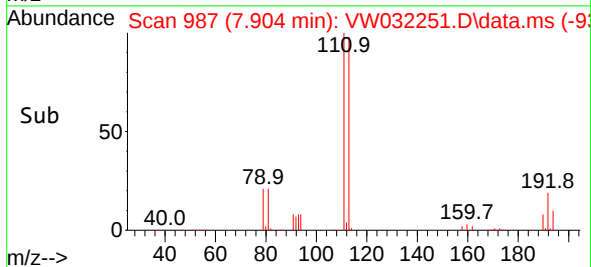
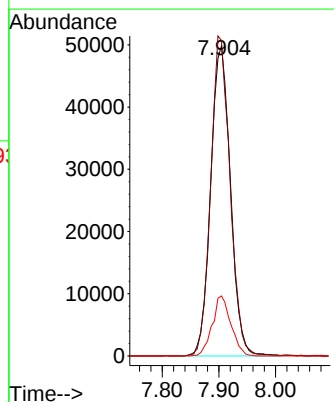
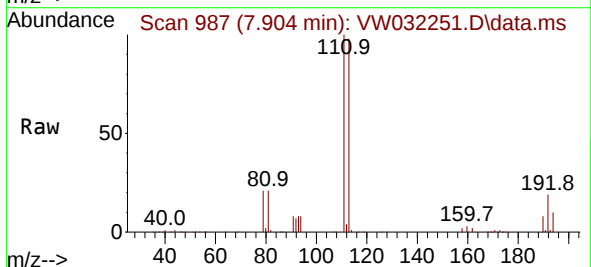
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

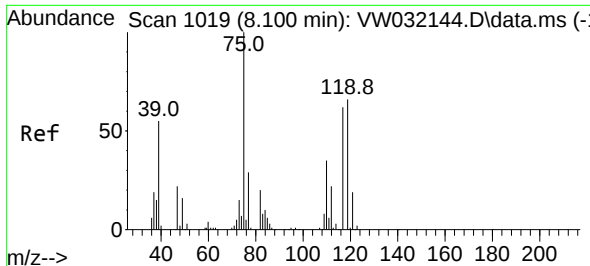
Tgt Ion:114 Resp: 311857
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.4
88 15.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion:113 Resp: 120733
Ion Ratio Lower Upper
113 100
111 100.7 83.9 125.9
192 18.2 14.6 21.8

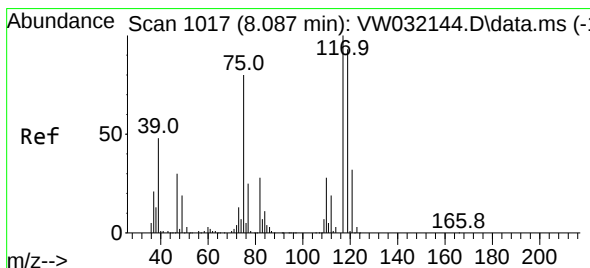
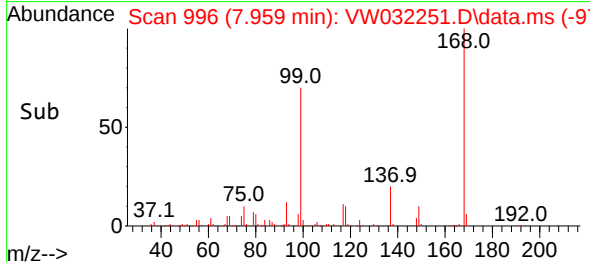
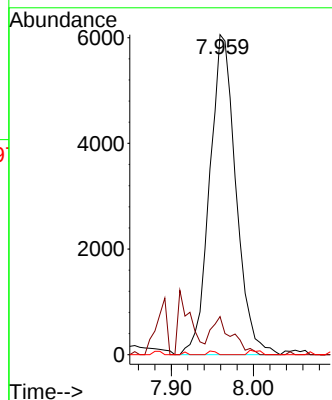
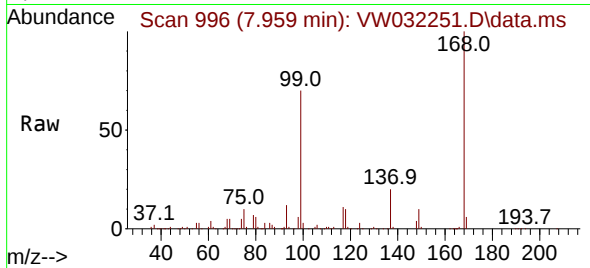




#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032251.D
 Acq: 24 Sep 2025 17:57

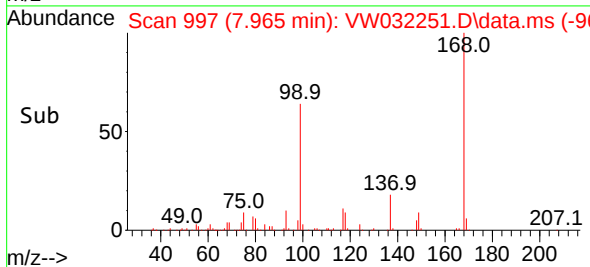
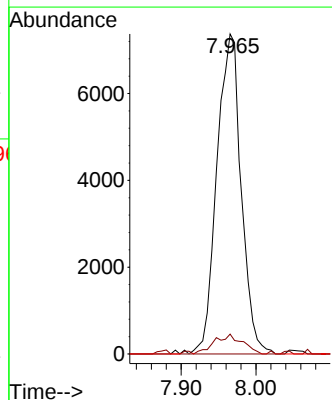
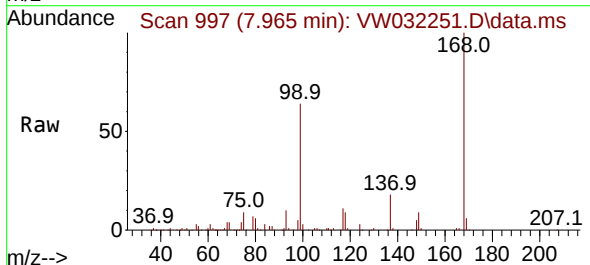
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1-VOC

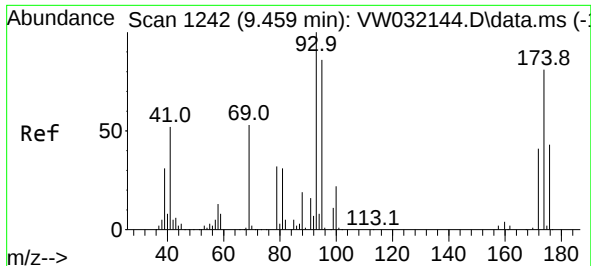
Tgt Ion: 75 Resp: 13447
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.5 52.5#
 77 0.3 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 5.495 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.122 min
 Lab File: VW032251.D
 Acq: 24 Sep 2025 17:57

Tgt Ion: 117 Resp: 16710
 Ion Ratio Lower Upper
 117 100
 119 6.2 74.2 111.2#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 1.005 ug/l

RT: 9.605 min Scan# 1266

Delta R.T. 0.146 min

Lab File: VW032251.D

Acq: 24 Sep 2025 17:57

Instrument :

MSVOA_W

ClientSampleId :

WC-1-VOC

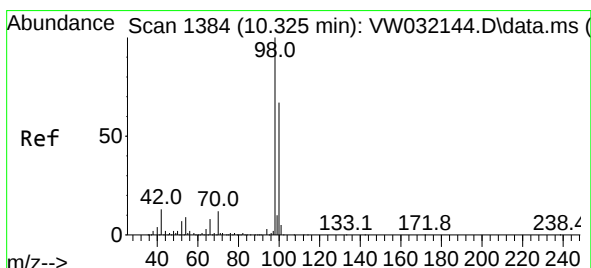
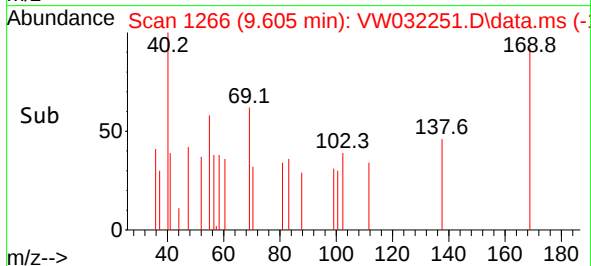
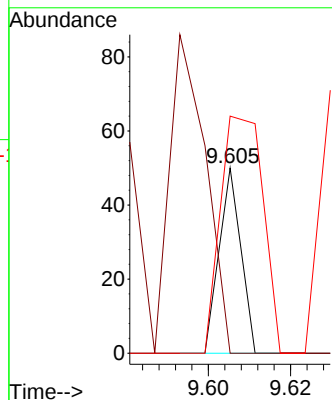
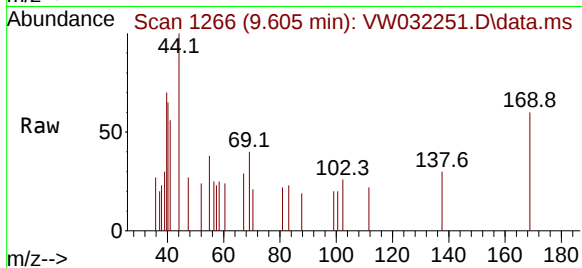
Tgt Ion: 88 Resp: 18

Ion Ratio Lower Upper

88 100

43 405.6 18.0 27.0#

58 255.6 55.4 83.0#



#50

Toluene-d8

Concen: 52.136 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032251.D

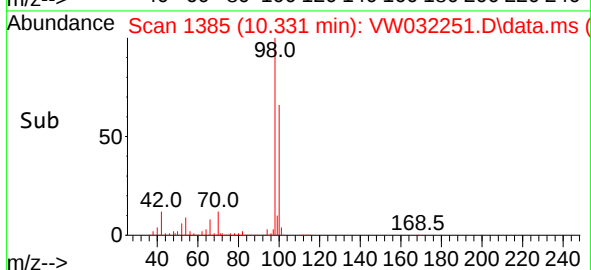
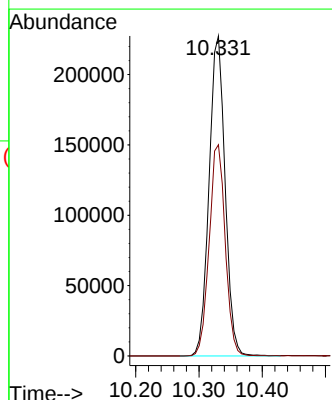
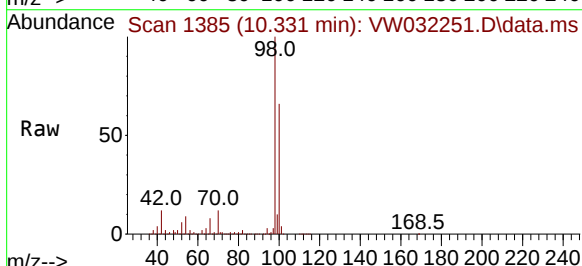
Acq: 24 Sep 2025 17:57

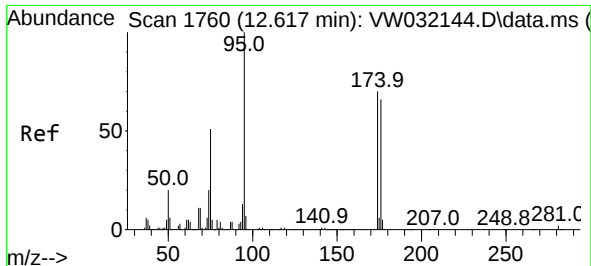
Tgt Ion: 98 Resp: 400451

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.2

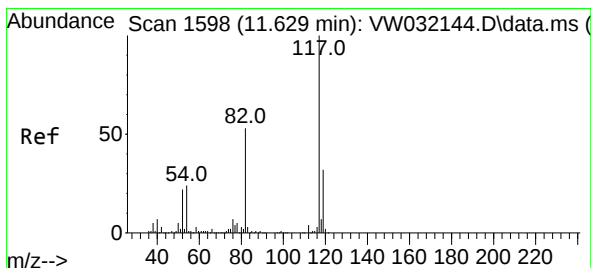
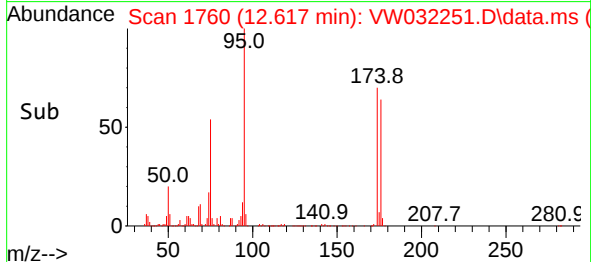
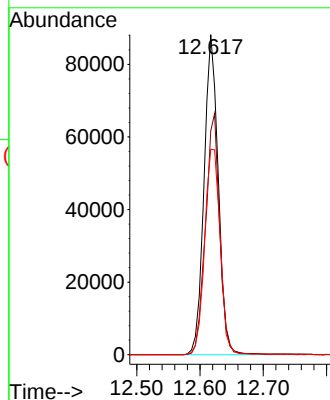
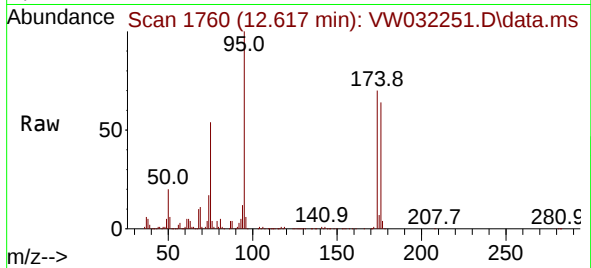




#62
4-Bromofluorobenzene
Concen: 48.614 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

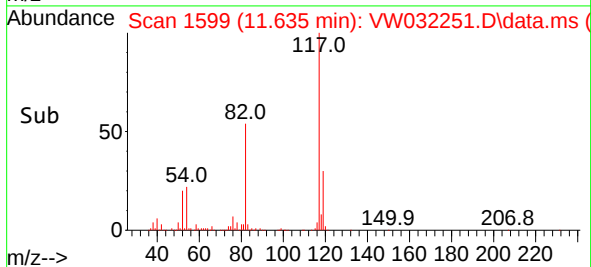
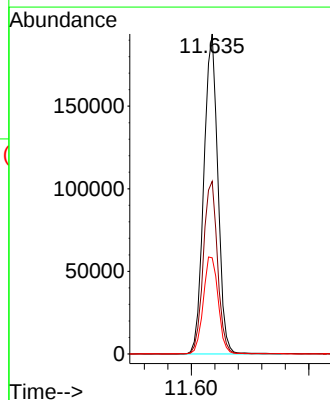
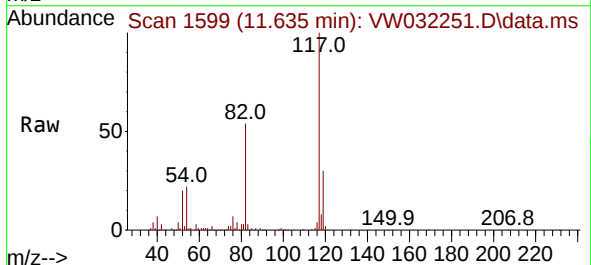
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

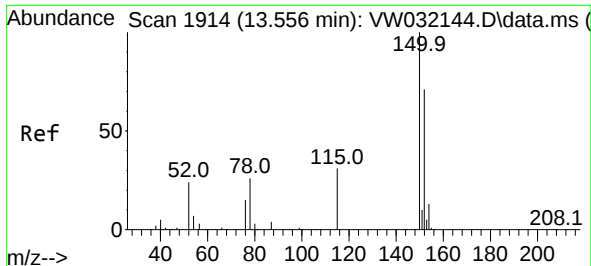
Tgt Ion: 95 Resp: 138076
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.6
176 70.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion: 117 Resp: 321946
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 30.0 25.2 37.8

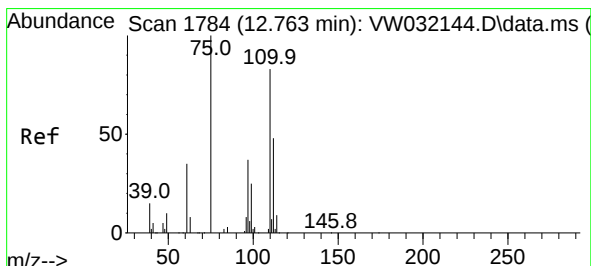
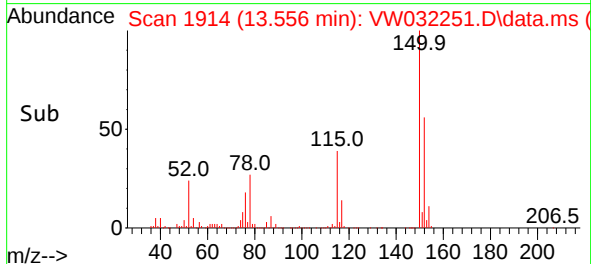
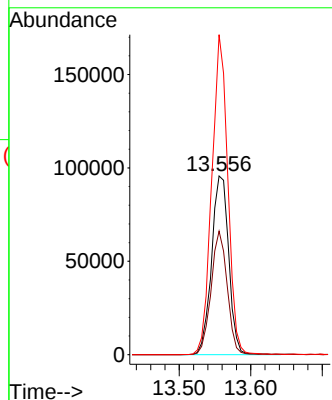
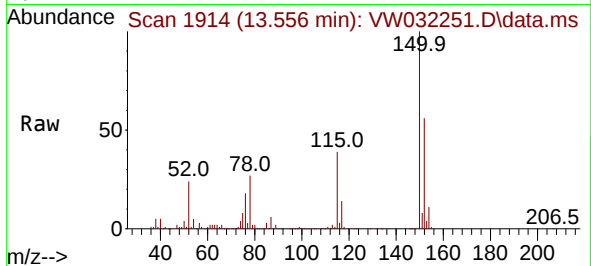




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

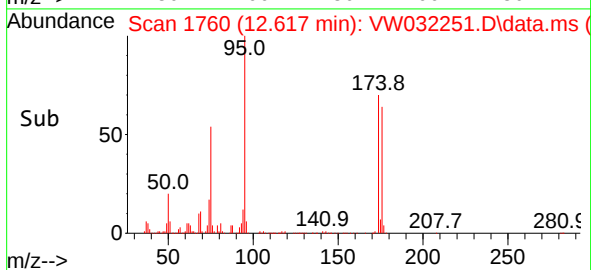
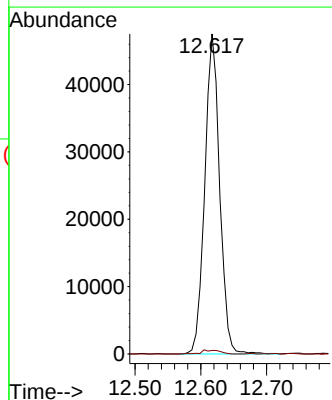
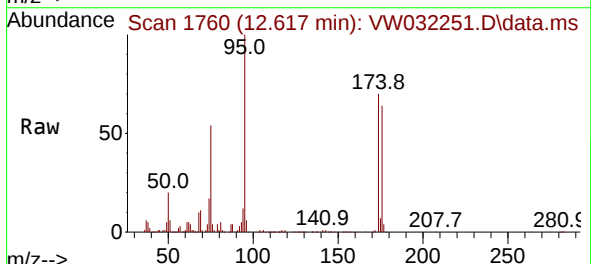
Instrument :
MSVOA_W
ClientSampleId :
WC-1-VOC

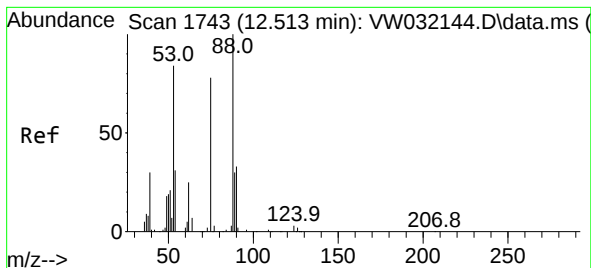
Tgt Ion:152 Resp: 159637
Ion Ratio Lower Upper
152 100
115 65.0 31.8 95.4
150 166.7 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 37.424 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032251.D
Acq: 24 Sep 2025 17:57

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
77 1.5 141.7 425.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.762 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032251.D
 Acq: 24 Sep 2025 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1-VOC

Tgt Ion: 75 Resp: 74845
 Ion Ratio Lower Upper
 75 100
 53 0.7 91.0 136.6#
 89 0.0 39.4 59.2#

