

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032242.D
 Acq On : 24 Sep 2025 14:37
 Operator : SY/MD
 Sample : VW0924SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

Quant Time: Sep 25 05:04:11 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)

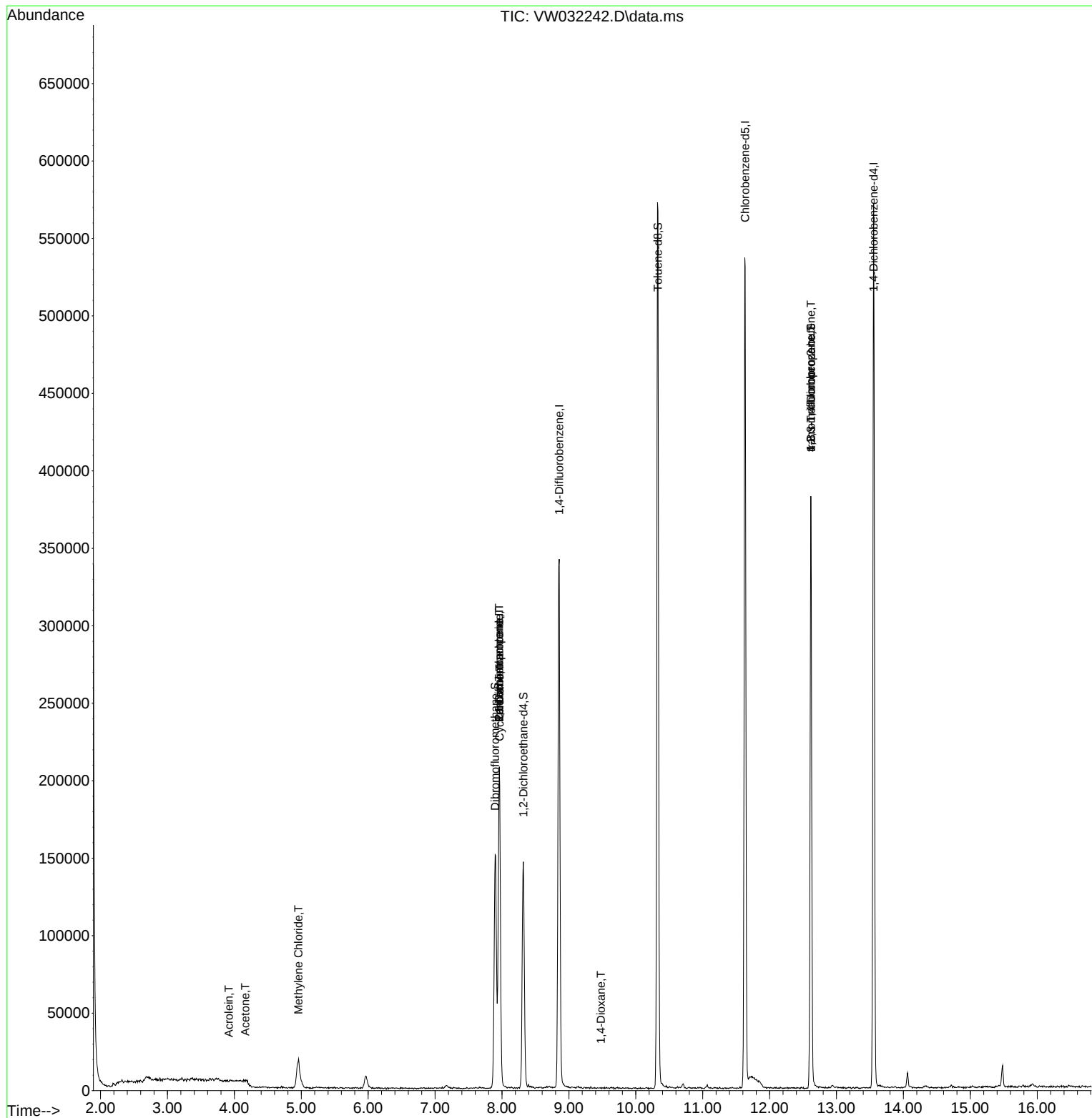
Internal Standards						
1) Pentafluorobenzene	7.959	168	147112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	291148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	291337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	144992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	122684	58.313	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 116.620%			
35) Dibromofluoromethane	7.898	113	111562	54.616	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.240%			
50) Toluene-d8	10.331	98	375464	52.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.617	95	122985	46.381	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 92.760%			
Target Compounds						Qvalue
13) Acrolein	3.917	56	255	1.289	ug/l #	14
16) Acetone	4.161	43	1273	2.794	ug/l #	75
20) Methylene Chloride	4.960	84	16409	5.330	ug/l	96
31) Cyclohexane	7.965	56	3976	1.539	ug/l #	37
36) 1,1-Dichloropropene	7.959	75	12419	4.689	ug/l #	51
38) Carbon Tetrachloride	7.959	117	16335	5.753	ug/l #	17
49) 1,4-Dioxane	9.477	88	38	2.272	ug/l #	2
76) 1,2,3-Trichloropropane	12.617	75	66577	36.652	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	66577	98.684	ug/l #	5

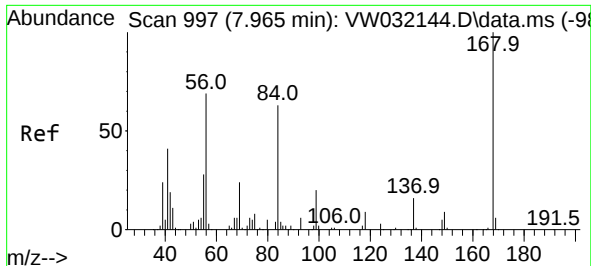
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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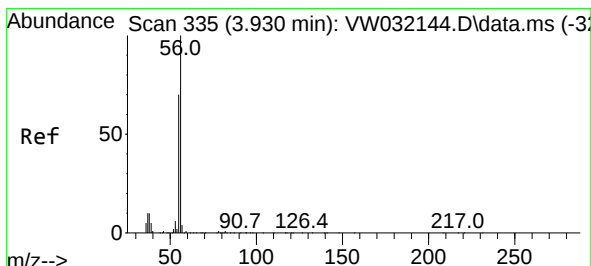
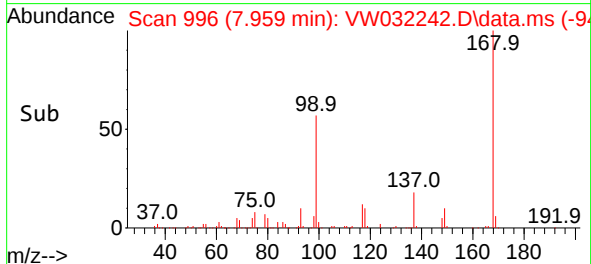
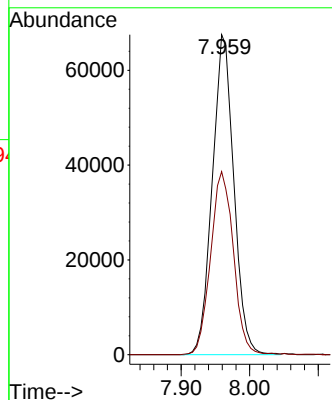
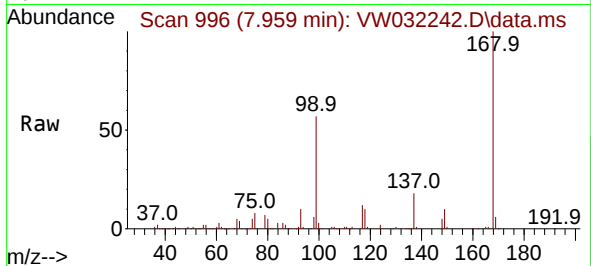




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

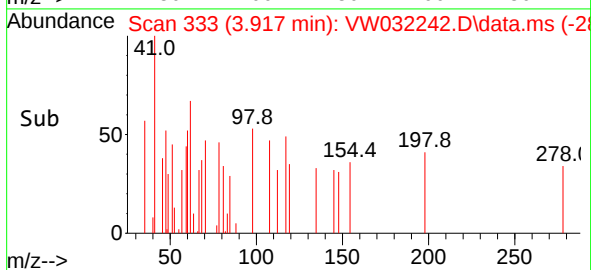
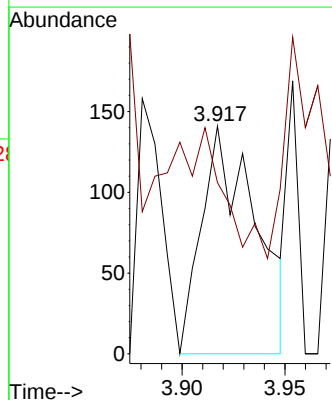
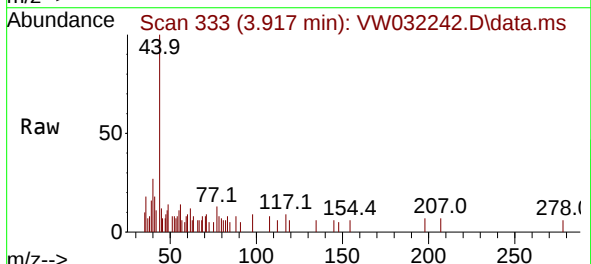
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

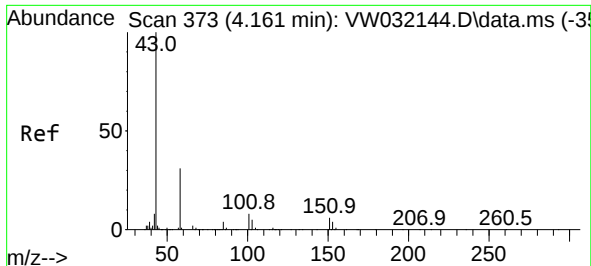
Tgt Ion:168 Resp: 147112
Ion Ratio Lower Upper
168 100
99 57.2 49.3 73.9



#13
Acrolein
Concen: 1.289 ug/l
RT: 3.917 min Scan# 333
Delta R.T. -0.012 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

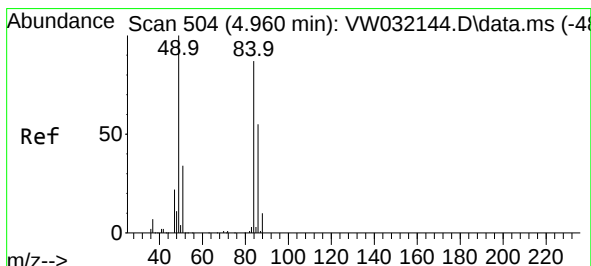
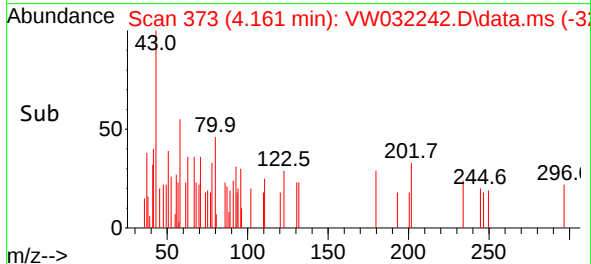
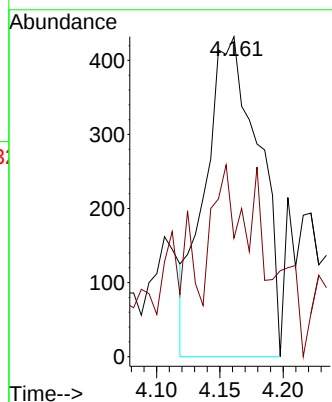
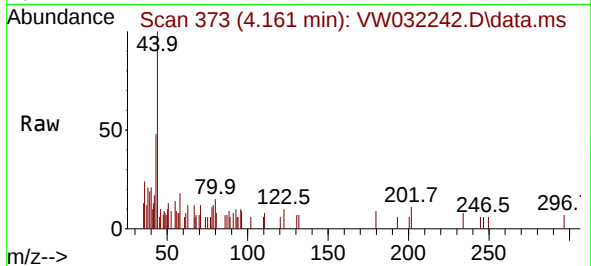




#16
Acetone
Concen: 2.794 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

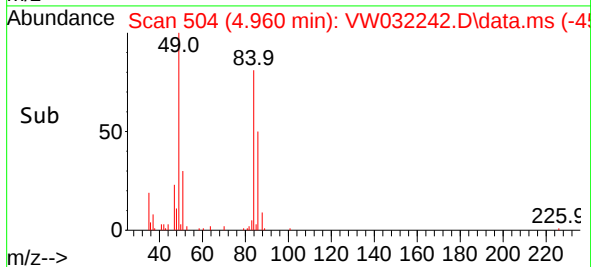
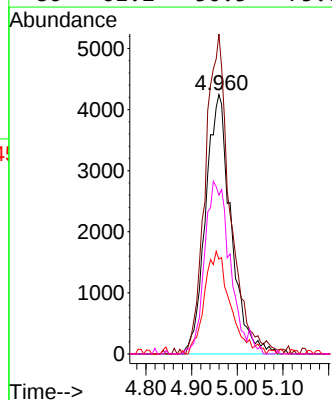
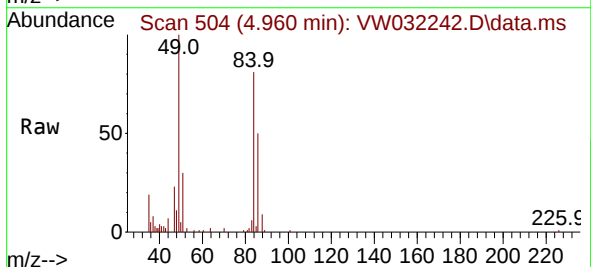
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

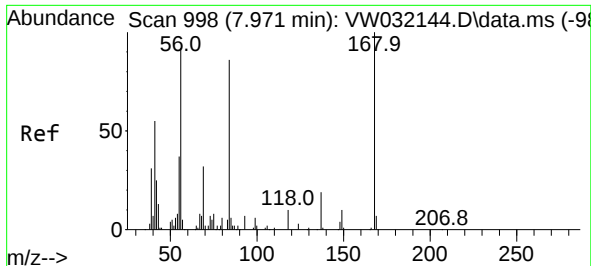
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 17.6 25.3 37.9#



#20
Methylene Chloride
Concen: 5.330 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 84 Resp: 16409
Ion Ratio Lower Upper
84 100
49 121.6 92.2 138.4
51 36.6 31.0 46.6
86 61.2 50.5 75.7

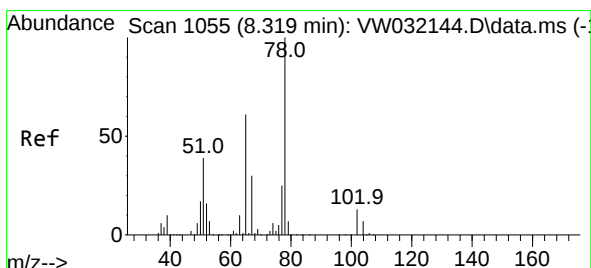
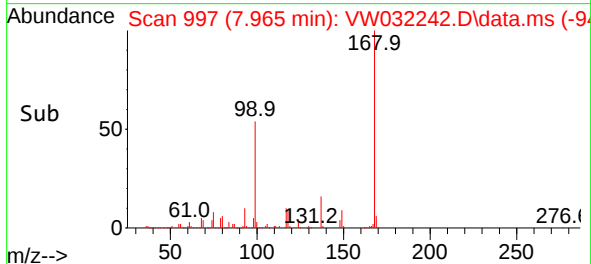
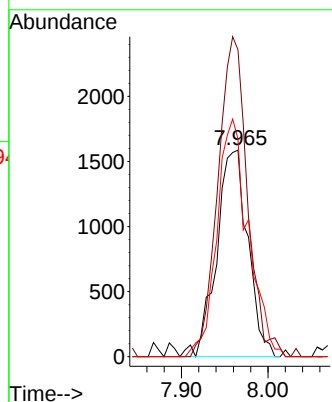
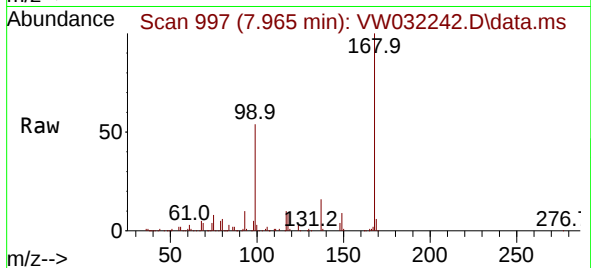




#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

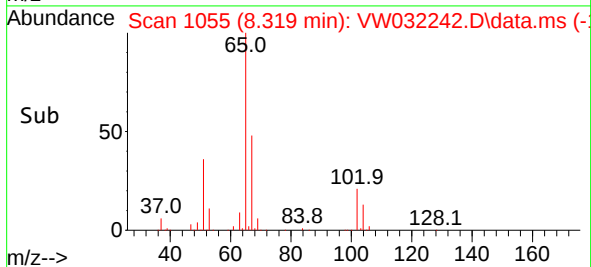
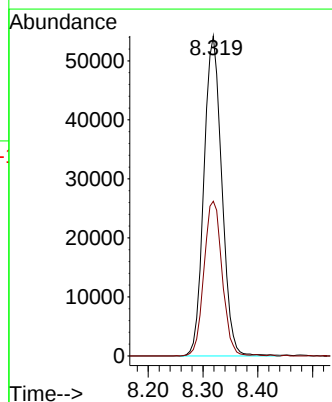
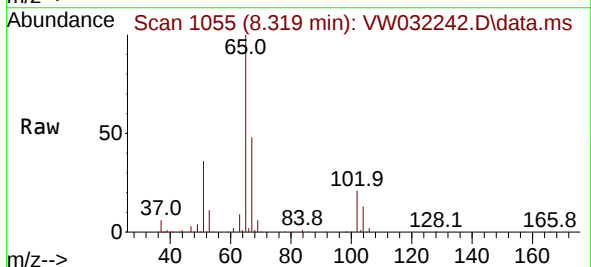
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

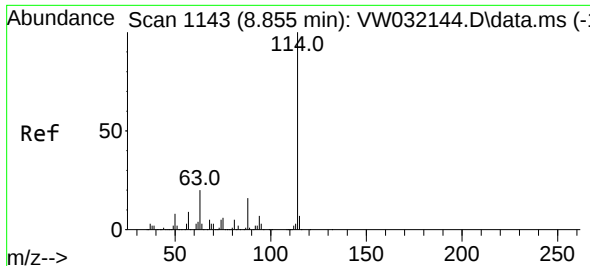
Tgt Ion: 56 Resp: 3976
Ion Ratio Lower Upper
56 100
69 148.7 27.7 41.5#
84 105.5 74.6 112.0



#33
1,2-Dichloroethane-d4
Concen: 58.313 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 65 Resp: 122684
Ion Ratio Lower Upper
65 100
67 49.0 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: VW032242.D

Acq: 24 Sep 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBL01

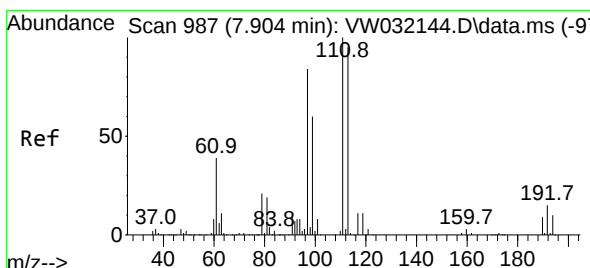
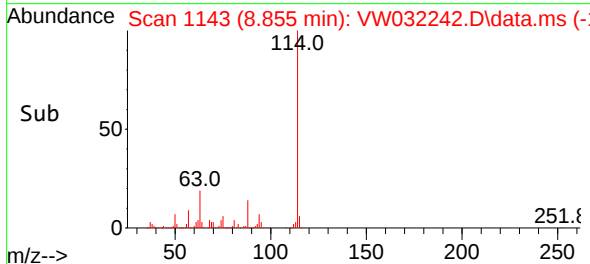
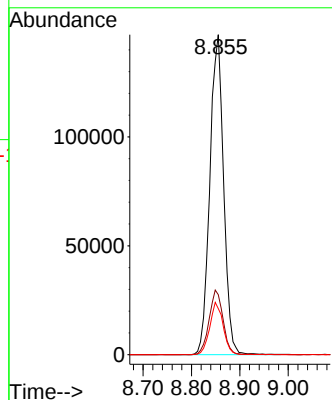
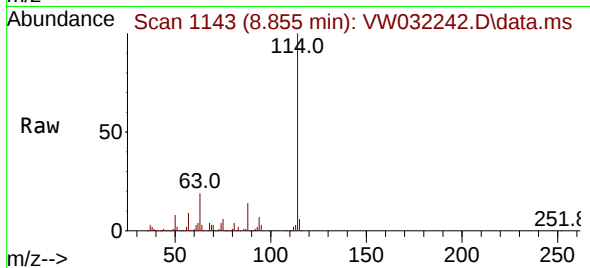
Tgt Ion:114 Resp: 291148

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.4

88 14.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 54.616 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032242.D

Acq: 24 Sep 2025 14:37

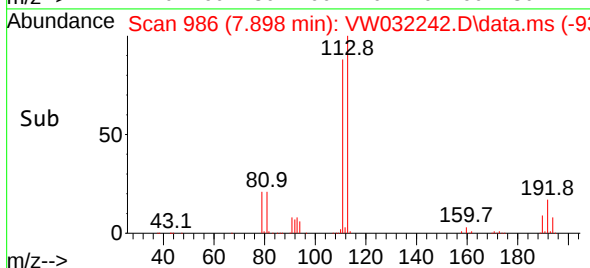
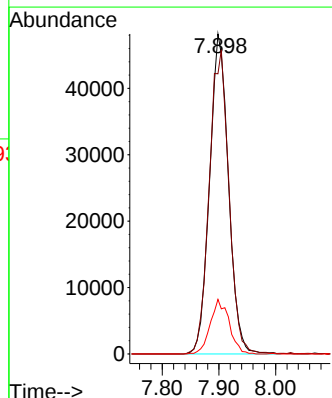
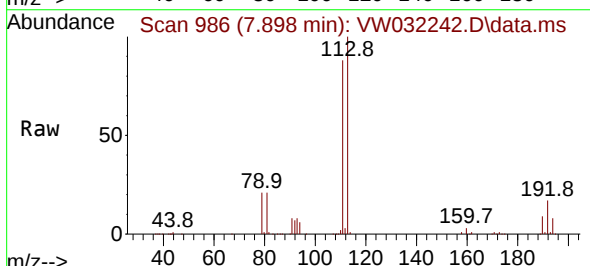
Tgt Ion:113 Resp: 111562

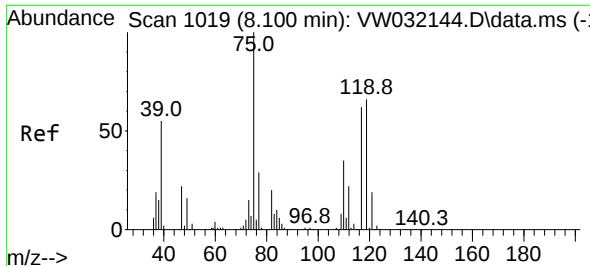
Ion Ratio Lower Upper

113 100

111 98.9 83.9 125.9

192 17.0 14.6 21.8

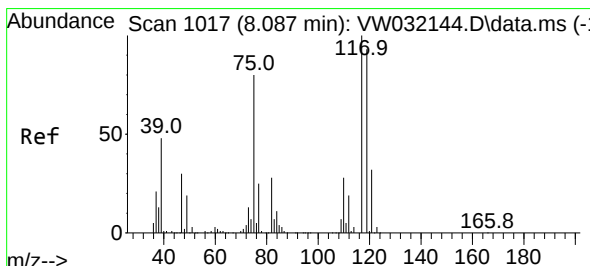
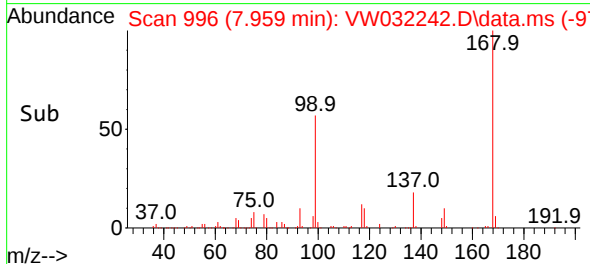
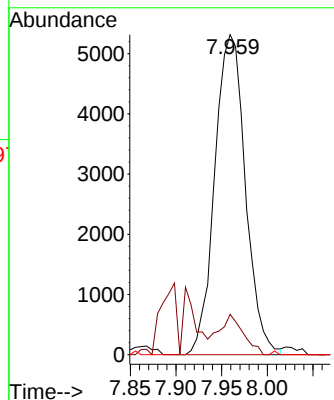
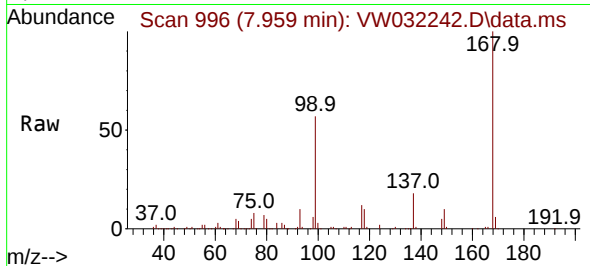




#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032242.D
 Acq: 24 Sep 2025 14:37

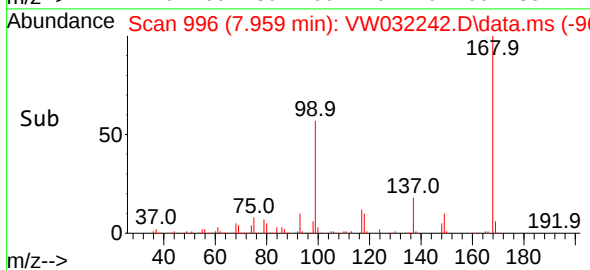
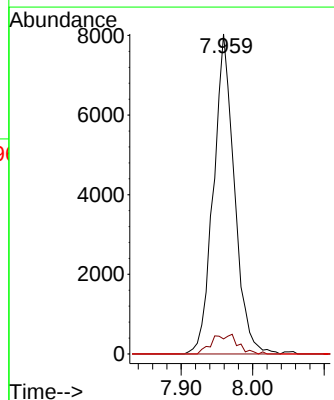
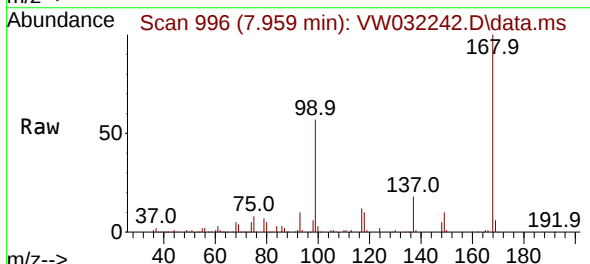
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

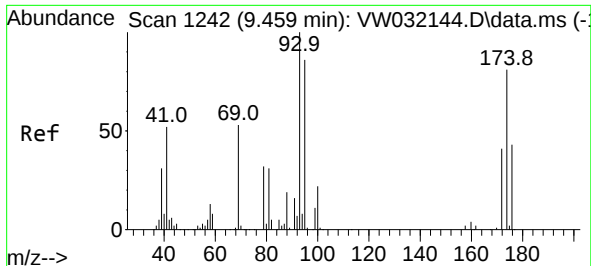
Tgt Ion: 75 Resp: 12419
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.5 52.5#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 5.753 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.128 min
 Lab File: VW032242.D
 Acq: 24 Sep 2025 14:37

Tgt Ion: 117 Resp: 16335
 Ion Ratio Lower Upper
 117 100
 119 4.7 74.2 111.2#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 2.272 ug/l

RT: 9.477 min Scan# 11

Delta R.T. 0.018 min

Lab File: VW032242.D

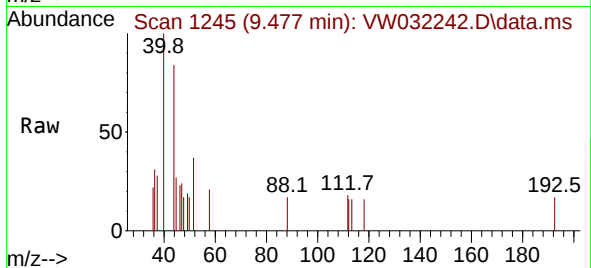
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Instrument :

MSVOA_W

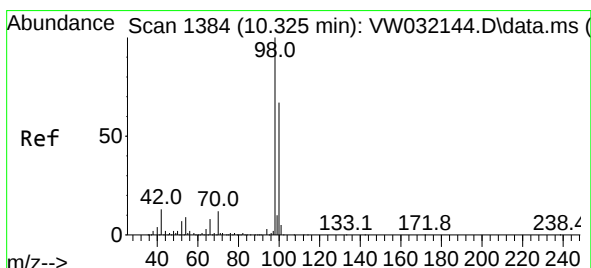
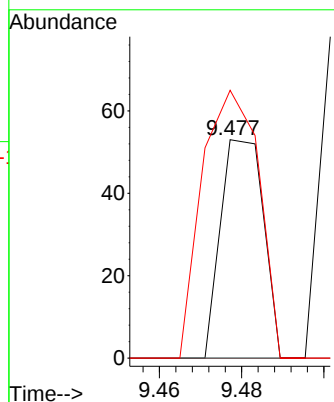
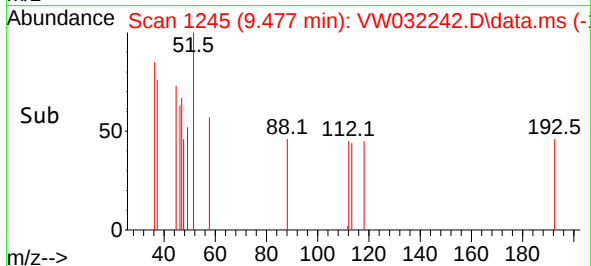
ClientSampleId :

VW0924SBL01



Tgt Ion: 88 Resp: 38

Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	163.2	55.4	83.0#



#50

Toluene-d8

Concen: 52.360 ug/l

RT: 10.331 min Scan# 1385

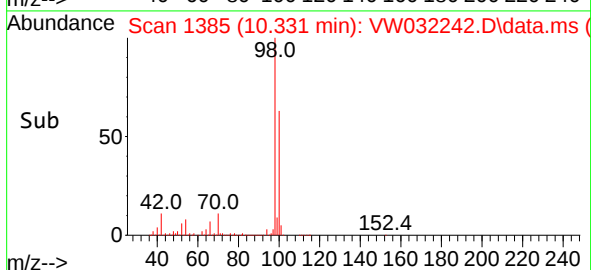
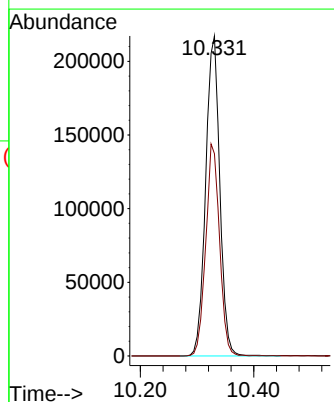
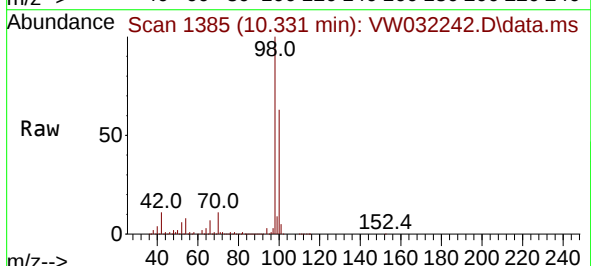
Delta R.T. 0.006 min

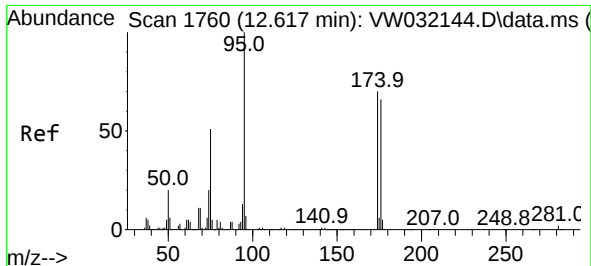
Lab File: VW032242.D

Acq: 24 Sep 2025 14:37

Tgt Ion: 98 Resp: 375464

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2

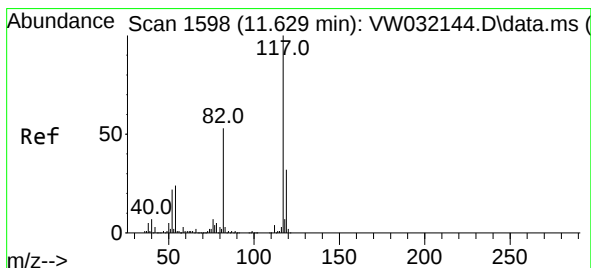
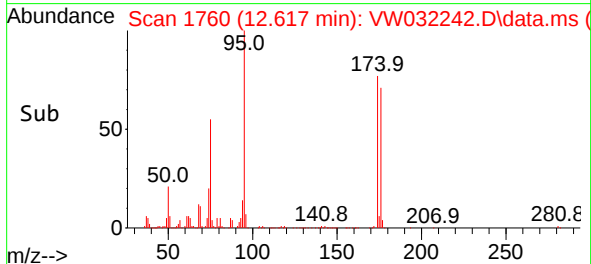
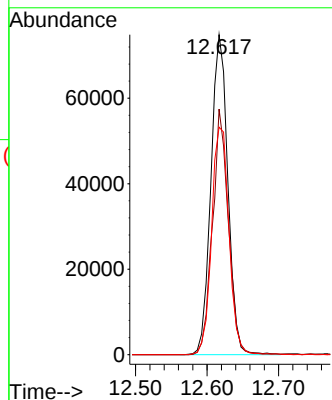
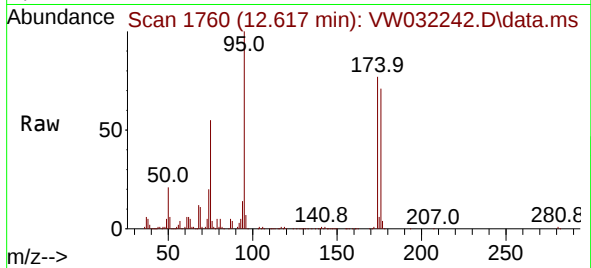




#62
4-Bromofluorobenzene
Concen: 46.381 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

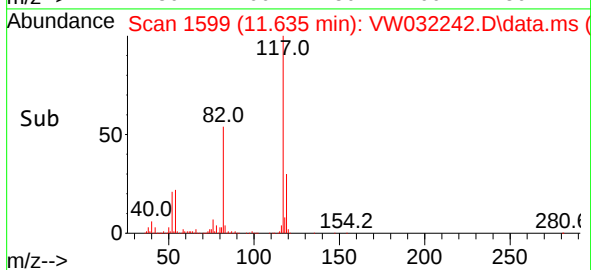
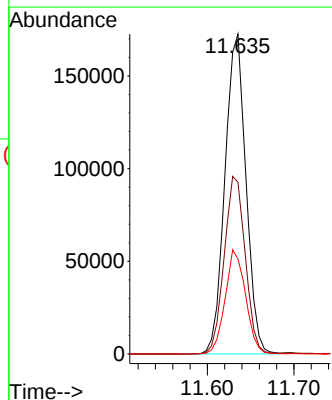
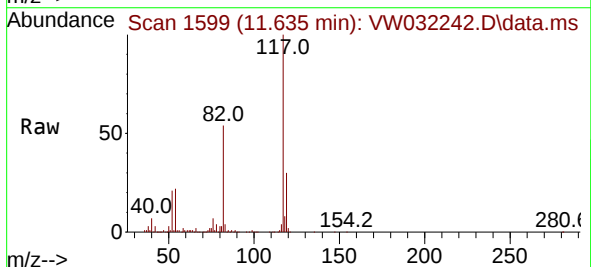
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

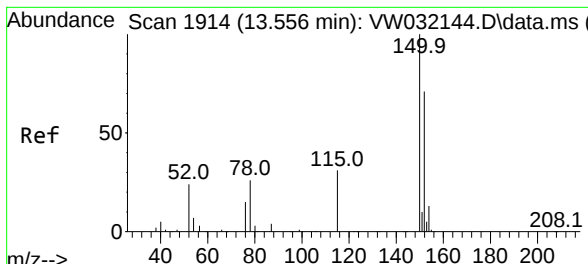
Tgt Ion: 95 Resp: 122985
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.6
176 73.0 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 117 Resp: 291337
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 29.7 25.2 37.8



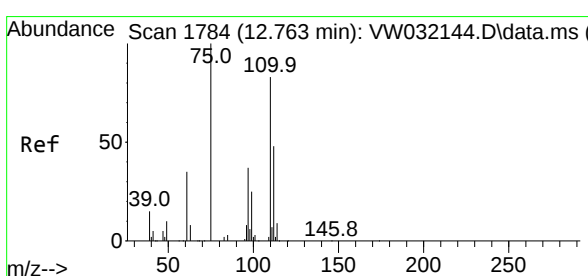
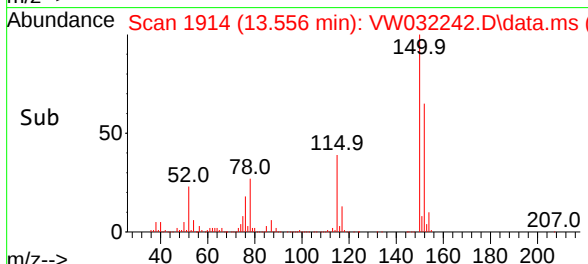
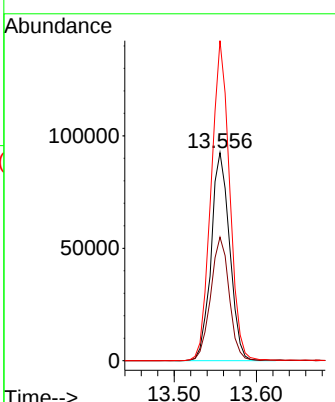
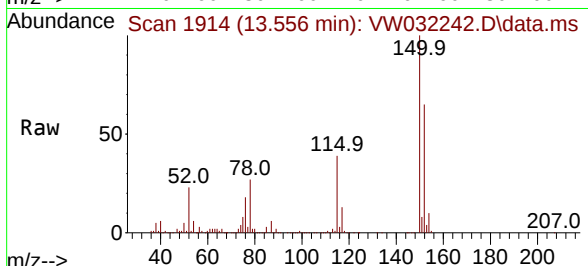


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032242.D
 Acq: 24 Sep 2025 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBL01

Tgt Ion:152 Resp: 144992

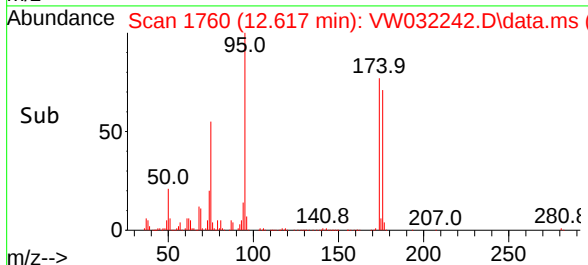
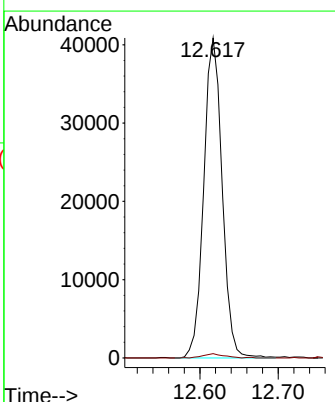
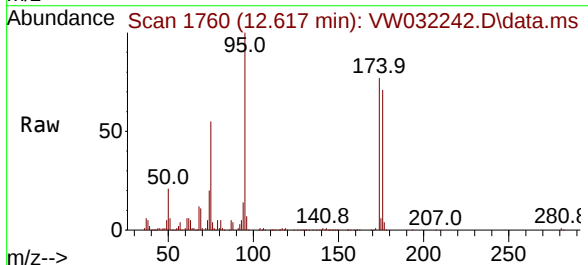
Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.8	95.4
150	153.3	0.0	343.0

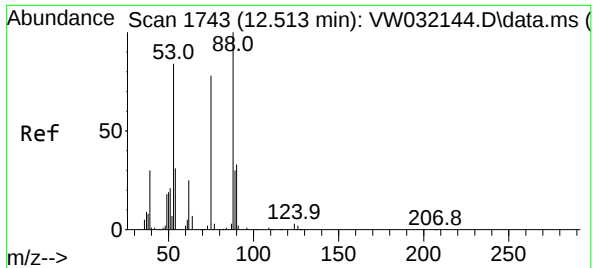


#76
 1,2,3-Trichloropropane
 Concen: 36.652 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032242.D
 Acq: 24 Sep 2025 14:37

Tgt Ion: 75 Resp: 66577

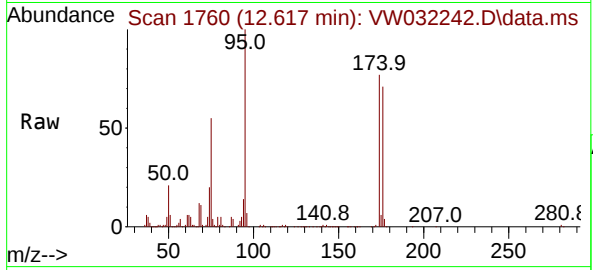
Ion	Ratio	Lower	Upper
75	100		
77	1.5	141.7	425.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.684 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.103 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01



Tgt Ion:	75	Resp:	66577
Ion	Ratio	Lower	Upper
75	100		
53	0.5	91.0	136.6#
89	0.0	39.4	59.2#

