

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019273.D
 Acq On : 22 Jun 2021 16:58
 Operator : SY/VA
 Sample : M2800-02
 Misc : 6.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

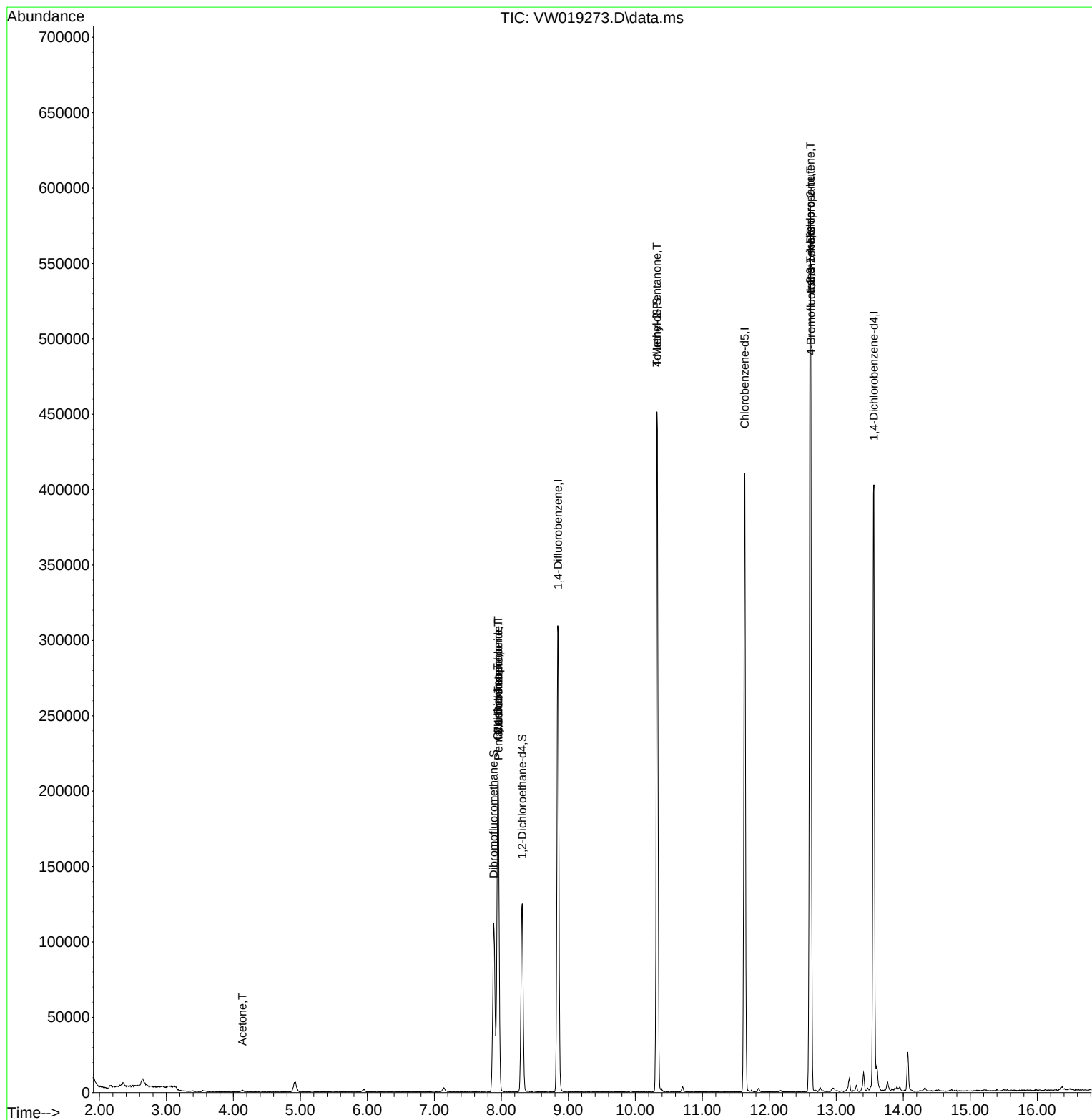
Internal Standards						
1) Pentafluorobenzene	7.958	168	149309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	255215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	224096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	101013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	103941	57.387	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.780%	
35) Dibromofluoromethane	7.885	113	79387	48.836	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.680%	
50) Toluene-d8	10.323	98	299362	46.003	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.000%	
62) 4-Bromofluorobenzene	12.622	95	106366	46.735	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.178	59	194	Below Cal	#	71
16) Acetone	4.135	43	1817	6.250	ug/l	95
20) Methylene Chloride	4.910	84	5052	Below Cal		91
31) Cyclohexane	7.946	56	4291	1.393	ug/l	# 31
36) 1,1-Dichloropropene	7.952	75	13356	4.945	ug/l	# 48
38) Carbon Tetrachloride	7.952	117	15688	6.644	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.323	43	1475	1.511	ug/l	# 1
76) 1,2,3-Trichloropropane	12.615	75	61307	61.952	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.615	75	61307	150.292	ug/l	# 10

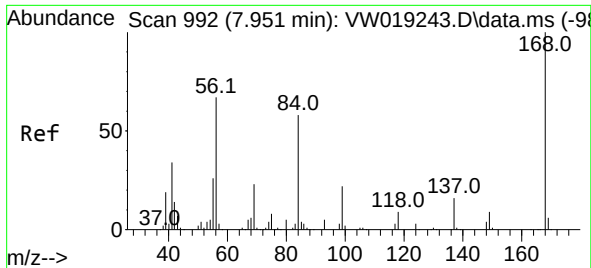
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

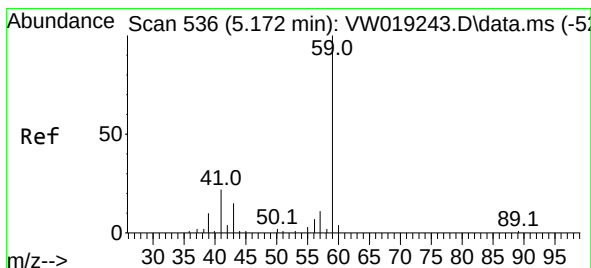
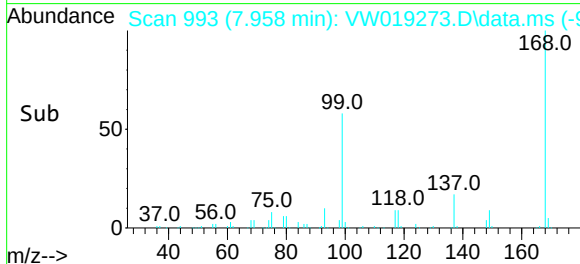
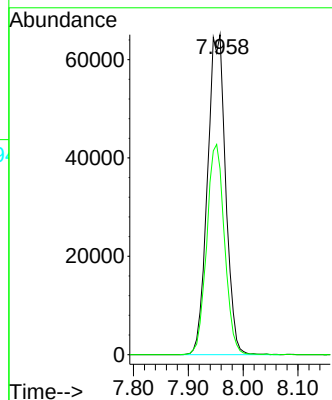
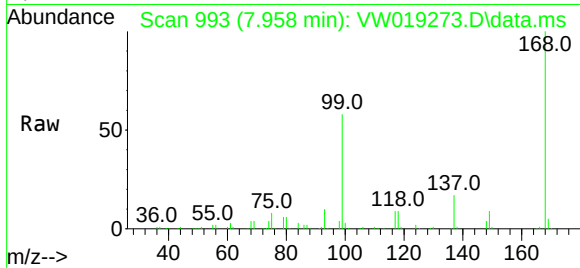




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

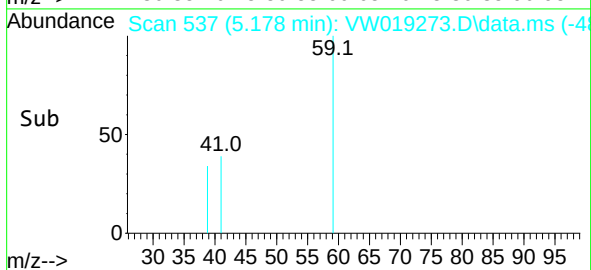
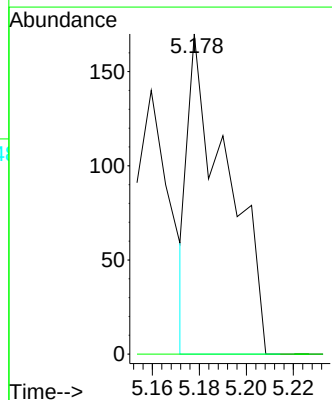
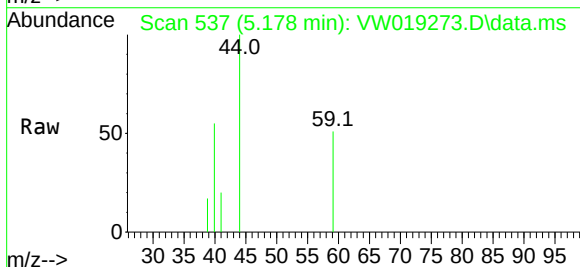
Instrument :
MSVOA_W
ClientSampled :

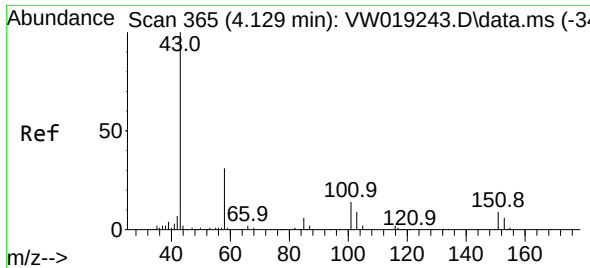
Tgt Ion:168 Resp: 149309
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.178 min Scan# 537
Delta R.T. 0.006 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

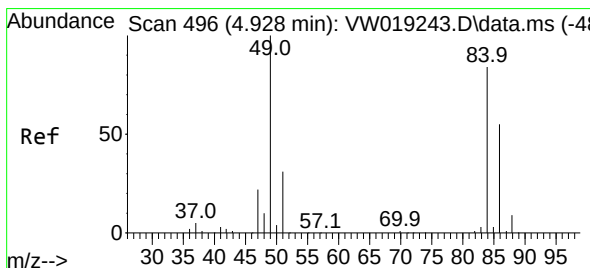
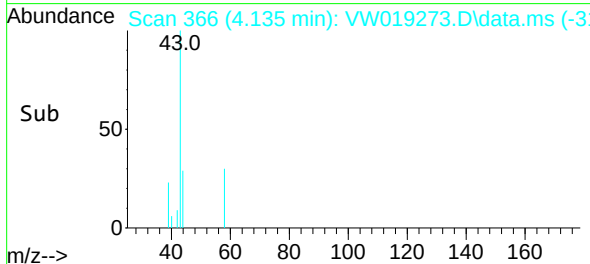
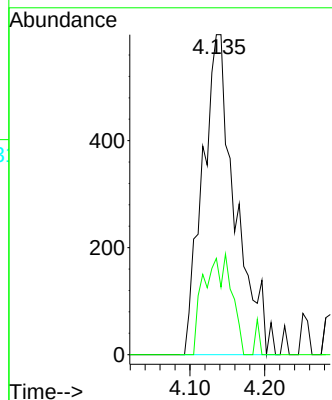
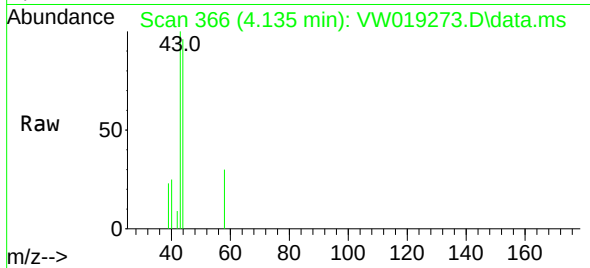




#16
Acetone
Concen: 6.250 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

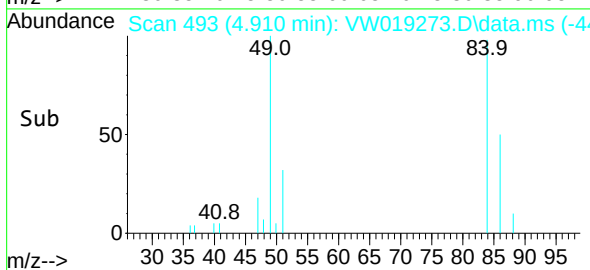
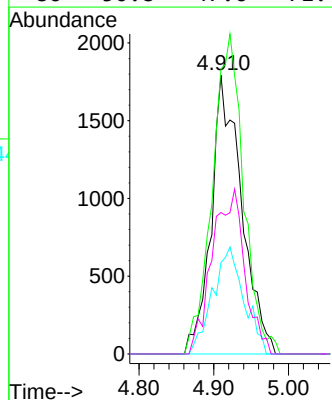
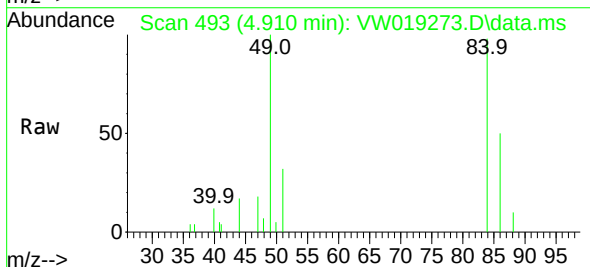
Instrument :
MSVOA_W
ClientSampled :

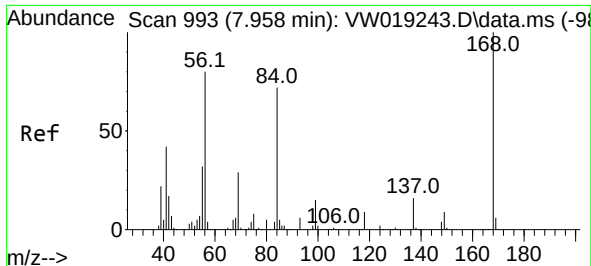
Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 30.1 26.4 39.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.910 min Scan# 493
Delta R.T. -0.018 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 84 Resp: 5052
Ion Ratio Lower Upper
84 100
49 102.2 90.4 135.6
51 32.8 27.1 40.7
86 50.8 47.6 71.4

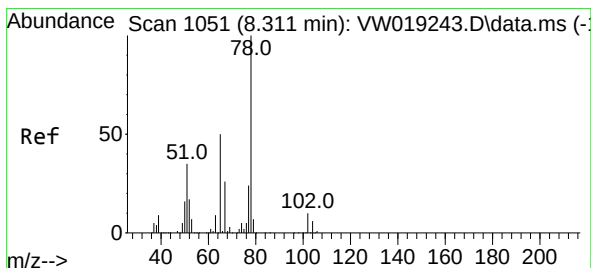
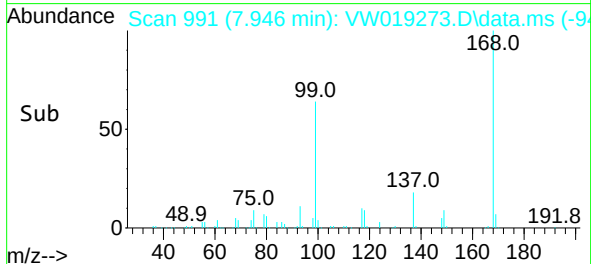
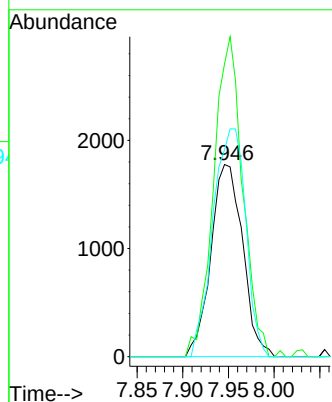
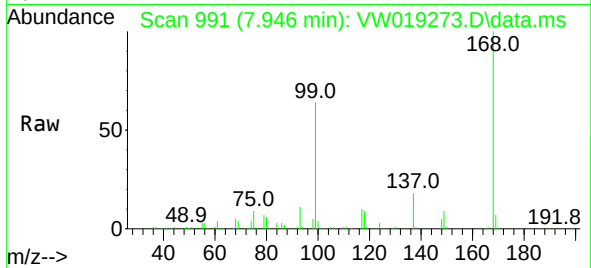




#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

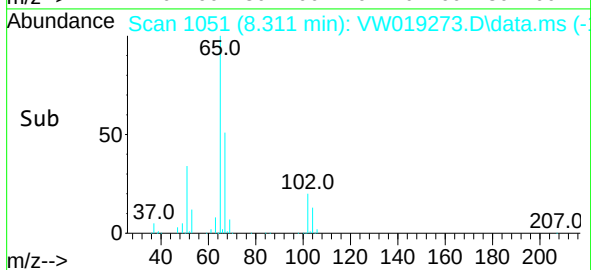
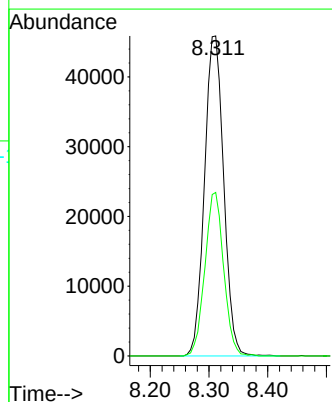
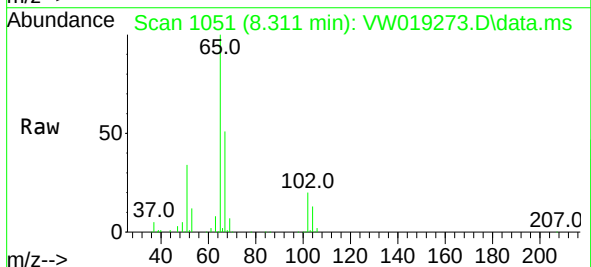
Instrument :
MSVOA_W
ClientSampleId :

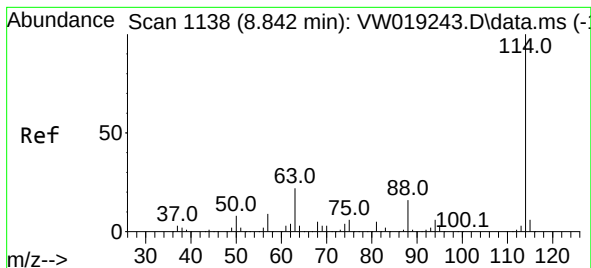
Tgt Ion: 56 Resp: 4291
Ion Ratio Lower Upper
56 100
69 152.3 28.4 42.6#
84 107.7 72.3 108.5



#33
1,2-Dichloroethane-d4
Concen: 57.387 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 65 Resp: 103941
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW019273.D

Acq: 22 Jun 2021 16:58

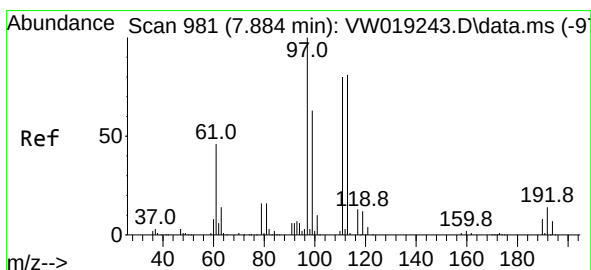
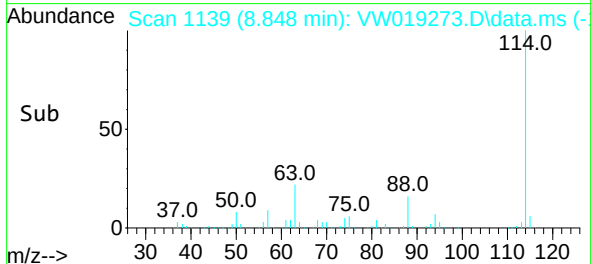
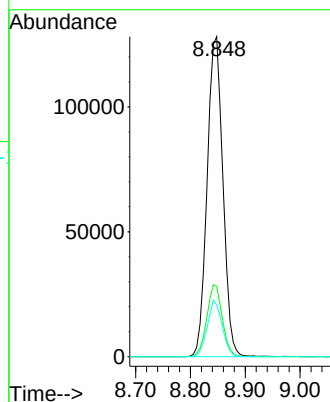
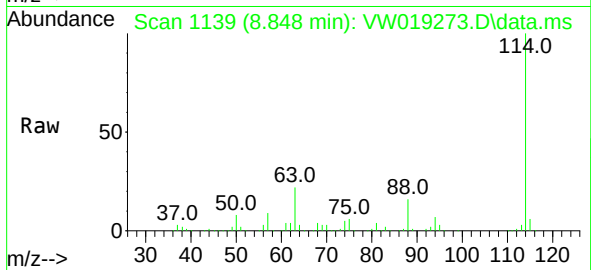
Tgt Ion:114 Resp: 255215

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.4

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.836 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.001 min

Lab File: VW019273.D

Acq: 22 Jun 2021 16:58

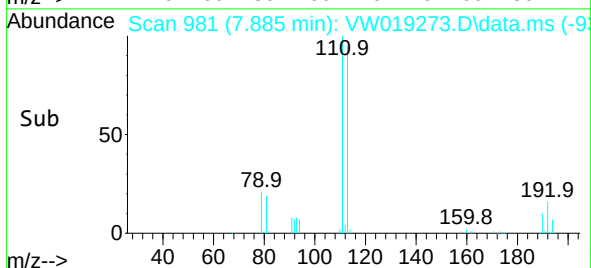
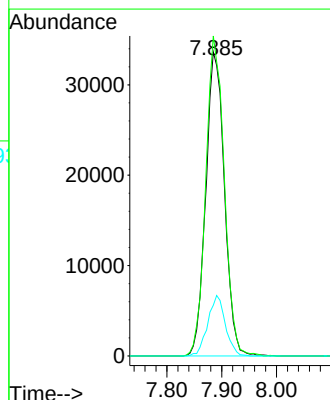
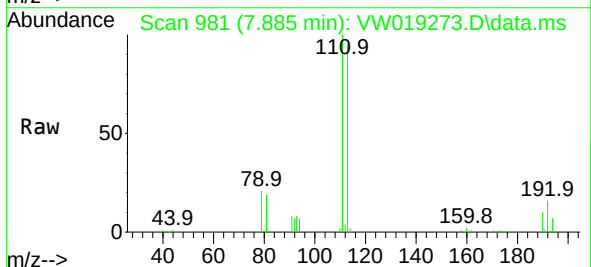
Tgt Ion:113 Resp: 79387

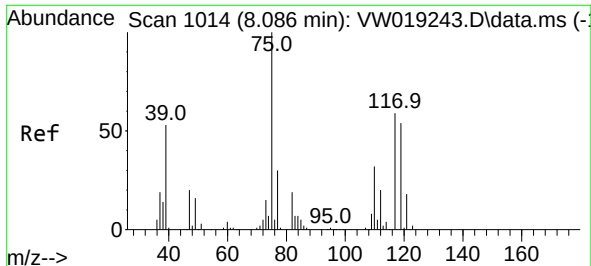
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 18.7 15.3 22.9

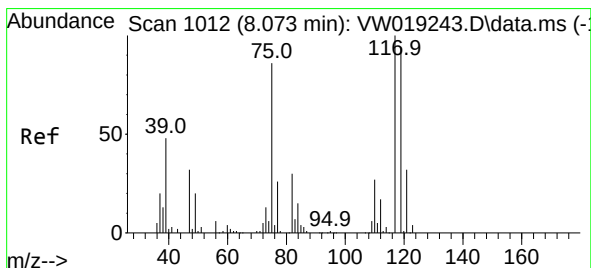
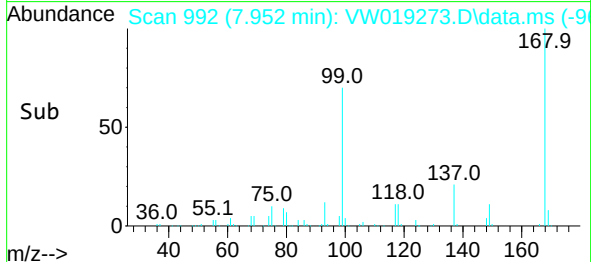
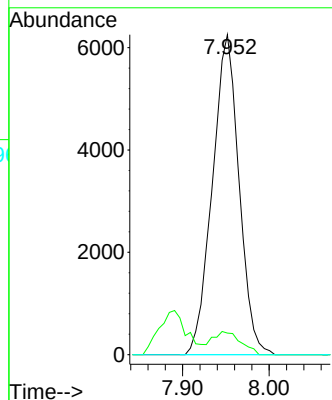
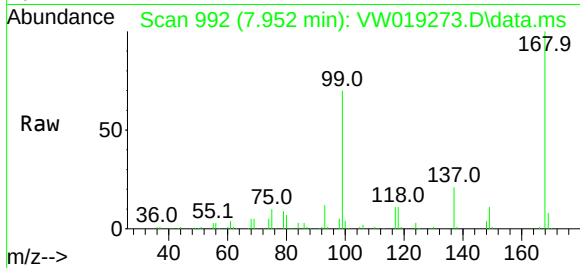




#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

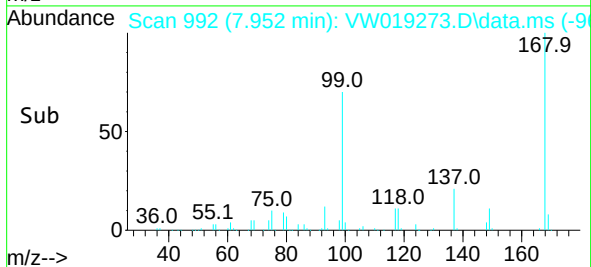
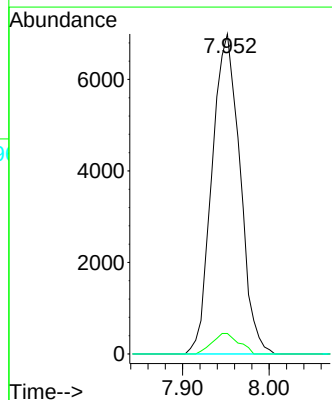
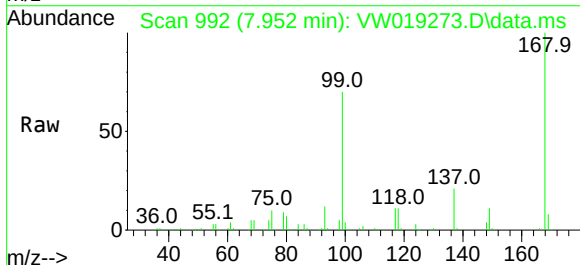
Instrument :
MSVOA_W
ClientSampleId :

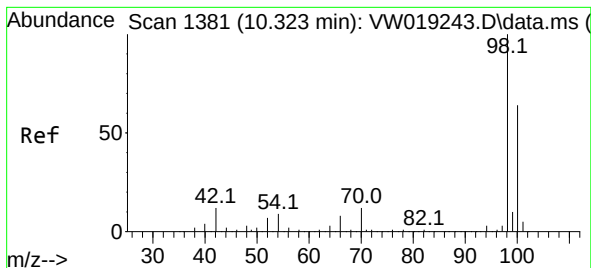
Tgt Ion: 75 Resp: 13356
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 117 Resp: 15688
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 23.6 35.4#

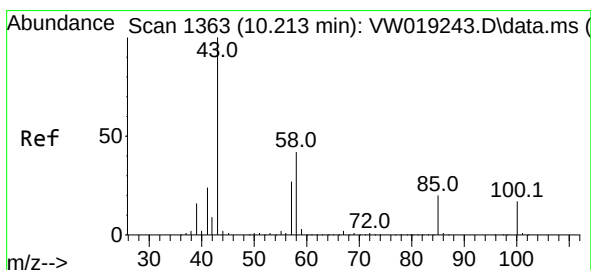
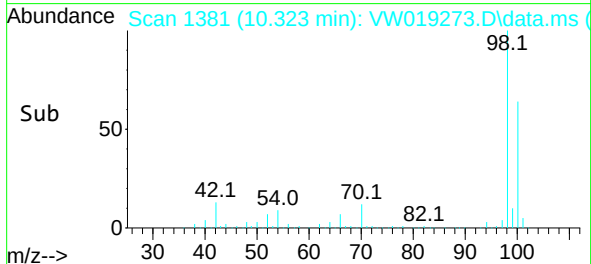
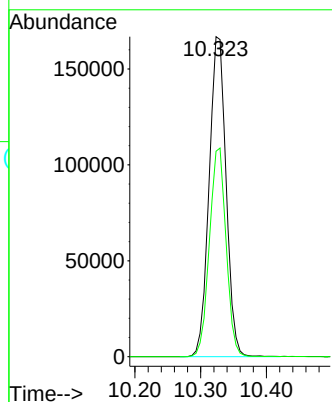
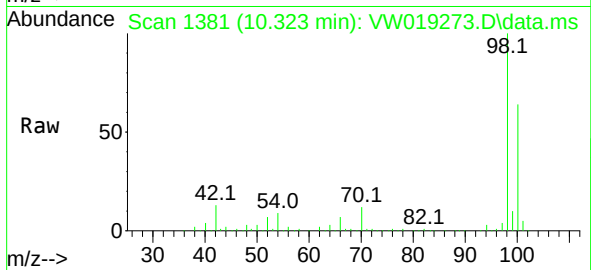




#50
Toluene-d8
Concen: 46.003 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

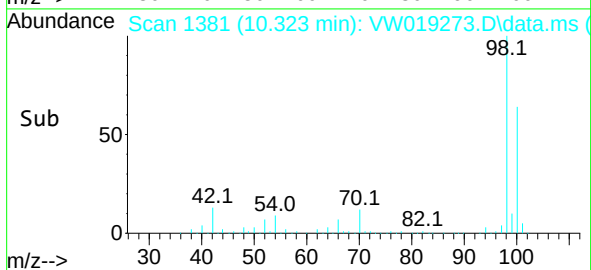
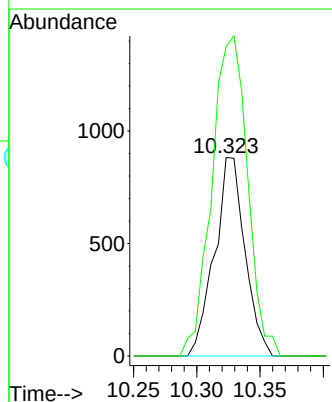
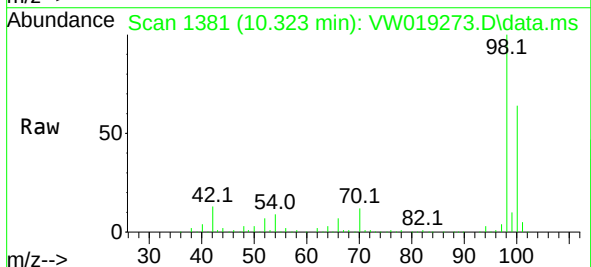
Instrument :
MSVOA_W
ClientSampled :

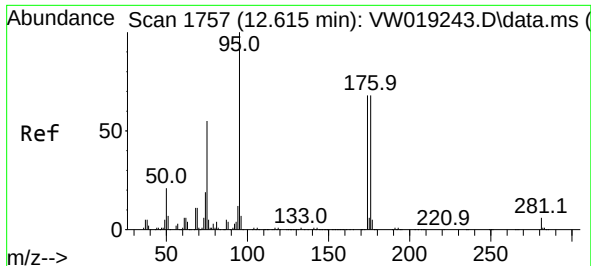
Tgt Ion: 98 Resp: 299362
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
58 189.2 34.2 51.4#

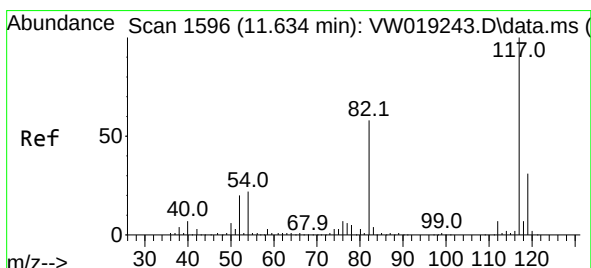
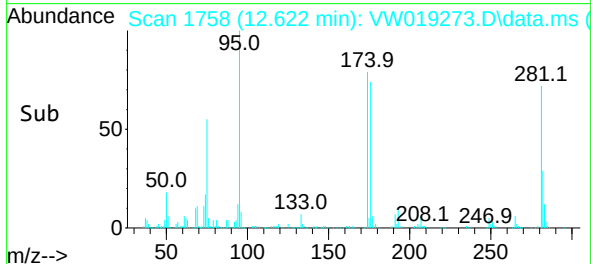
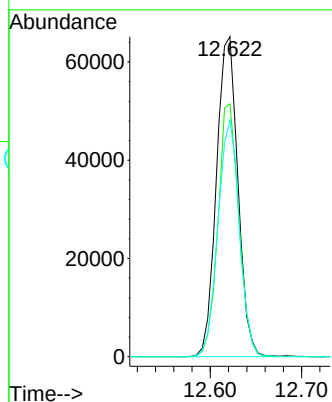
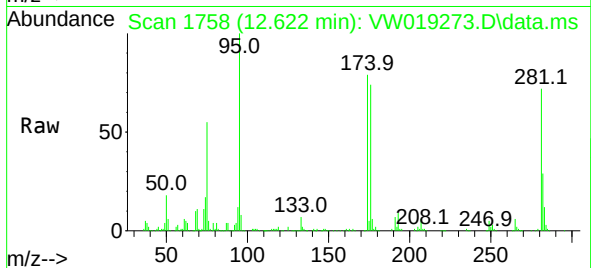




#62
4-Bromofluorobenzene
Concen: 46.735 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.007 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

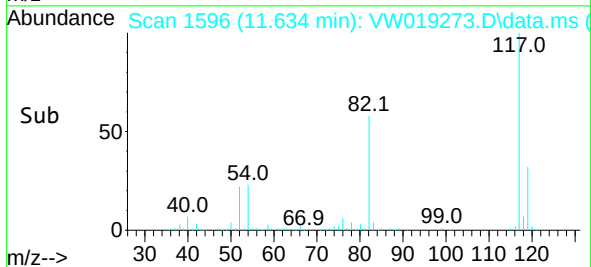
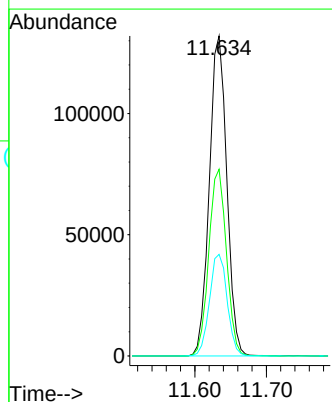
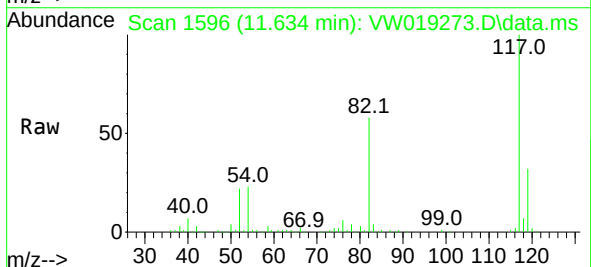
Instrument :
MSVOA_W
ClientSampleId :

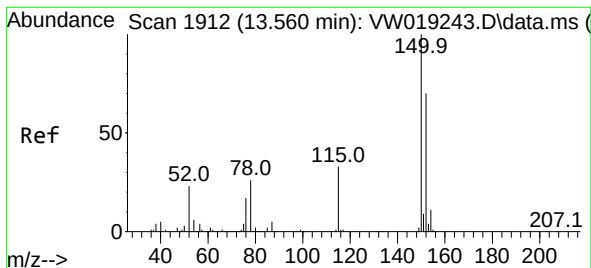
Tgt Ion: 95 Resp: 106366
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.2
176 73.9 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

Tgt Ion: 117 Resp: 224096
Ion Ratio Lower Upper
117 100
82 58.3 44.4 66.6
119 31.7 24.6 36.8

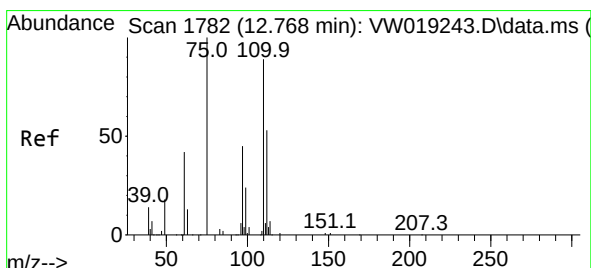
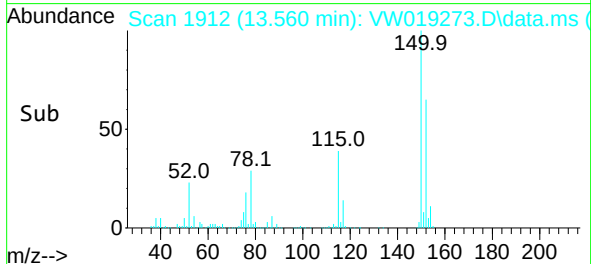
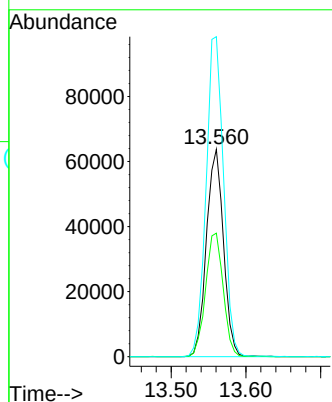
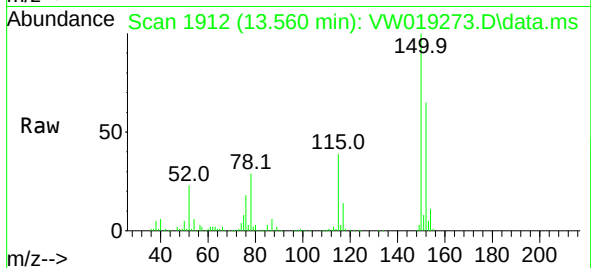




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

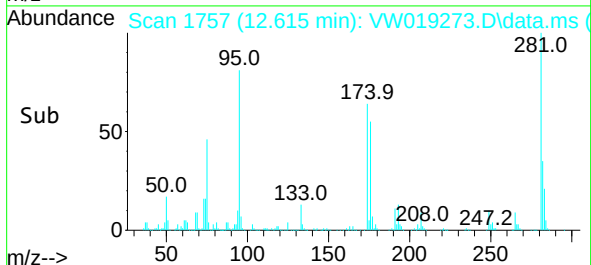
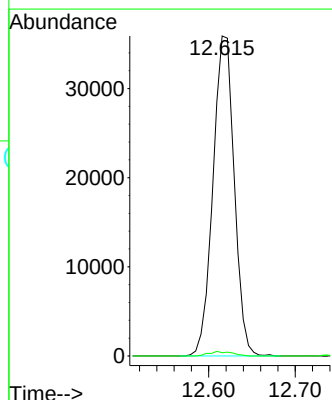
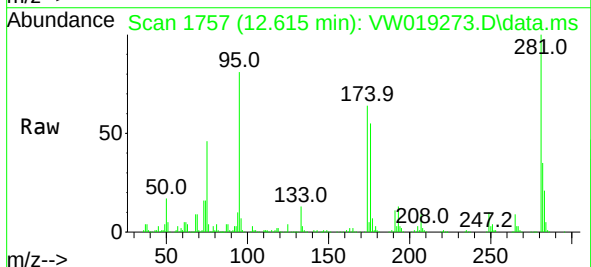
Instrument :
MSVOA_W
ClientSampled :

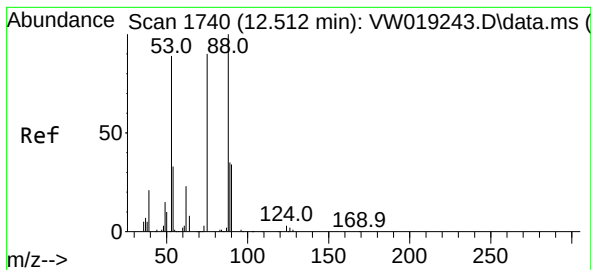
Tgt Ion:152 Resp: 101013
Ion Ratio Lower Upper
152 100
115 61.7 30.3 90.8
150 158.2 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 61.952 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019273.D
Acq: 22 Jun 2021 16:58

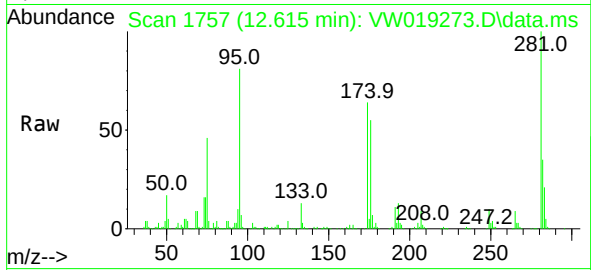
Tgt Ion: 75 Resp: 61307
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.292 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019273.D
 Acq: 22 Jun 2021 16:58

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 61307
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.5 122.3#
 89 2.4 36.3 54.5#

