

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019251.D
 Acq On : 21 Jun 2021 15:50
 Operator : SY/VA
 Sample : M2777-05
 Misc : 4.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 22 03:13:31 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)

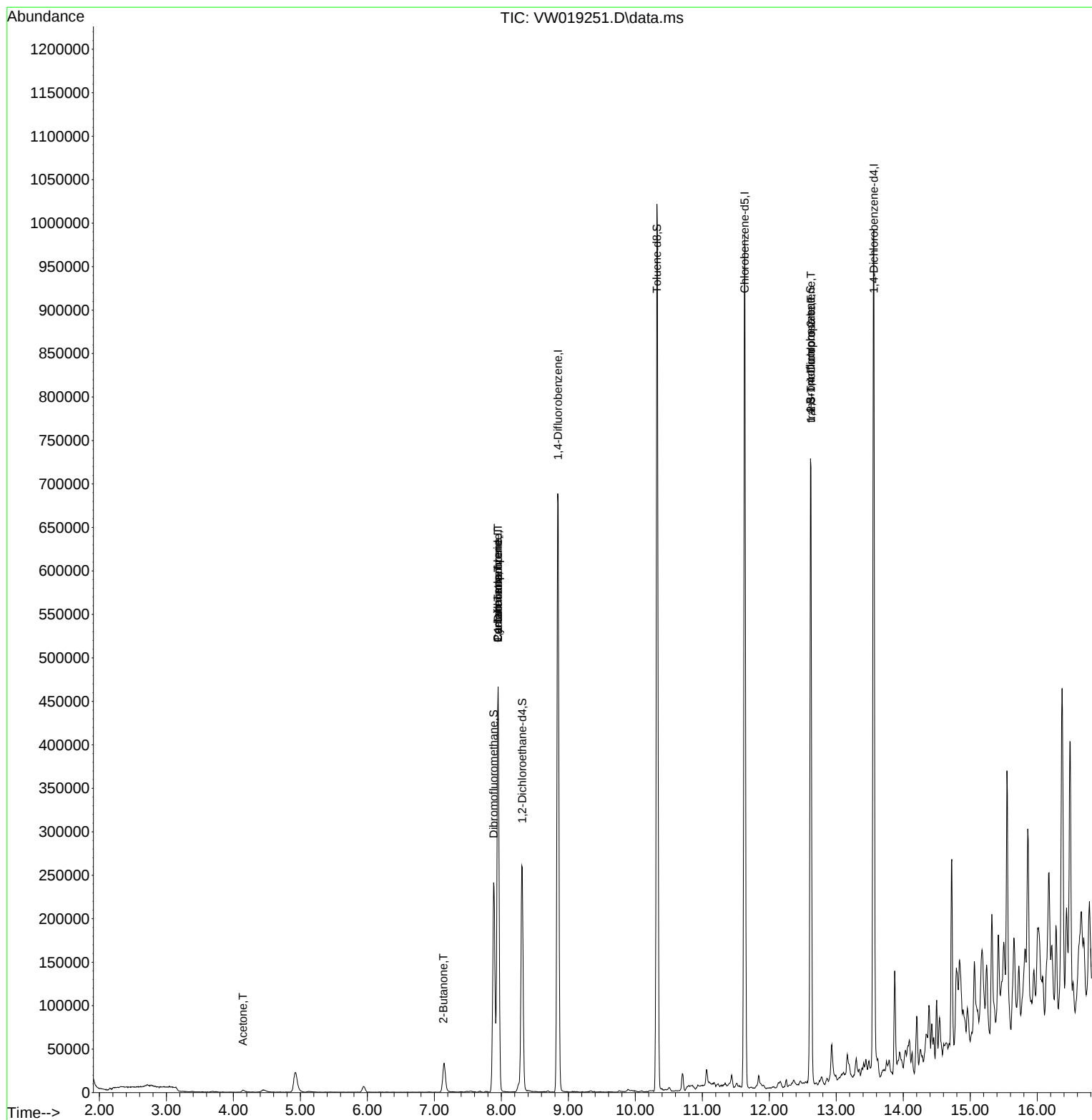
Internal Standards						
1) Pentafluorobenzene	7.952	168	325014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	563286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	524002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	242472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	212629	53.931	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.860%	
35) Dibromofluoromethane	7.885	113	172048	47.954	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.900%	
50) Toluene-d8	10.323	98	668593	46.551	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.100%	
62) 4-Bromofluorobenzene	12.615	95	240785	47.935	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	752	Below Cal	#	71
16) Acetone	4.141	43	4702	7.431	ug/l	96
20) Methylene Chloride	4.934	84	21538	Below Cal		97
25) 2-Butanone	7.135	43	1740	1.864	ug/l #	45
31) Cyclohexane	7.952	56	8206	1.224	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	29614	4.968	ug/l #	48
38) Carbon Tetrachloride	7.952	117	33823	6.490	ug/l #	16
76) 1,2,3-Trichloropropane	12.622	75	127750	53.780	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.622	75	127750	130.467	ug/l #	9

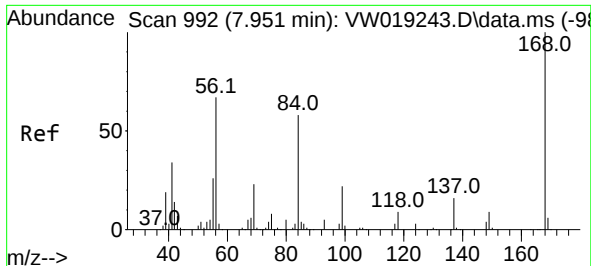
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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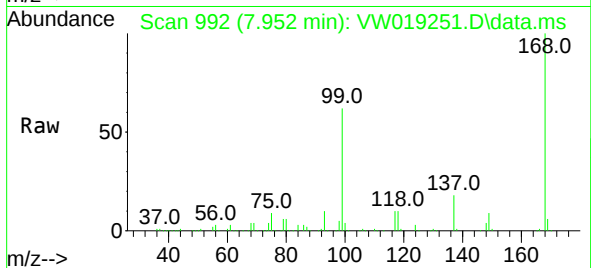
Quant Time: Jun 22 03:13:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
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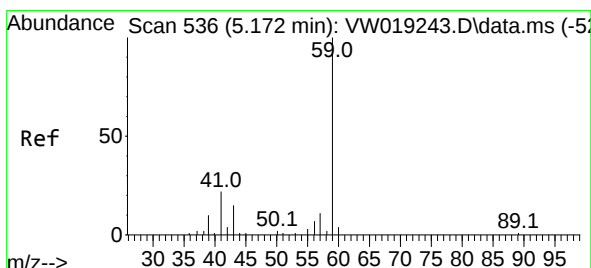
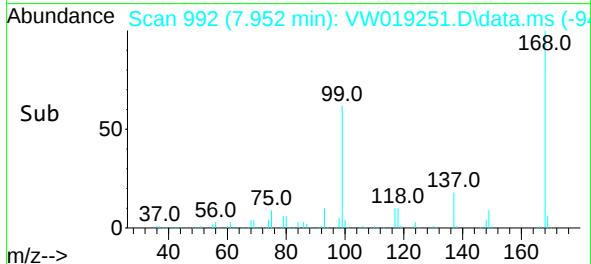
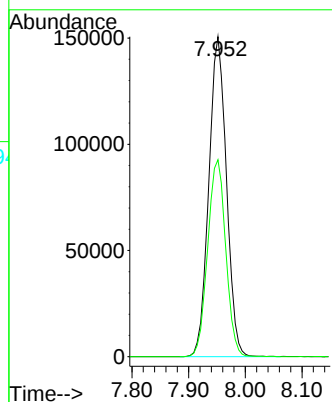


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Instrument :
MSVOA_W
ClientSampled :

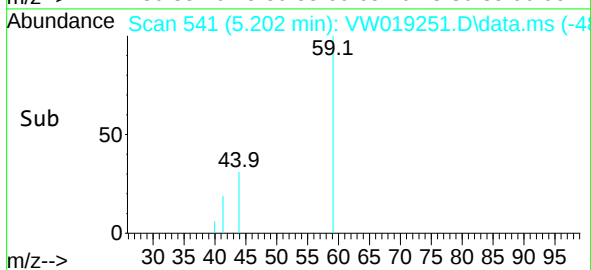
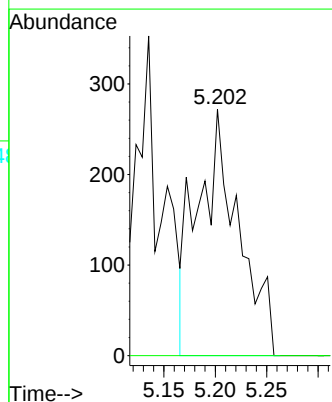
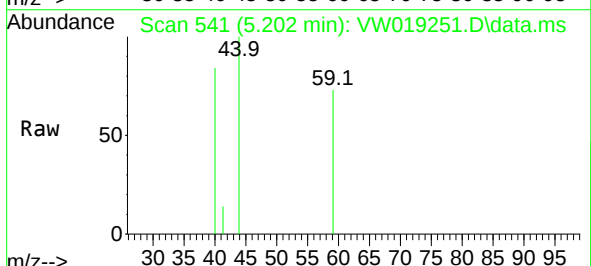


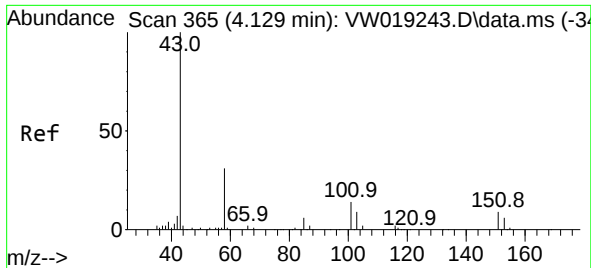
Tgt Ion:168 Resp: 325014
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.030 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

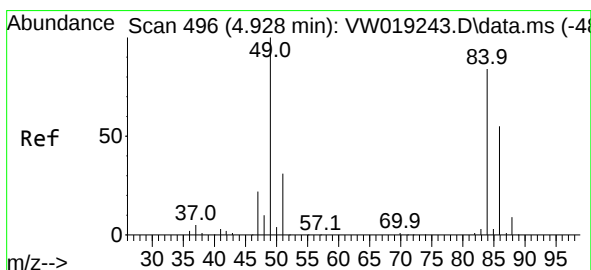
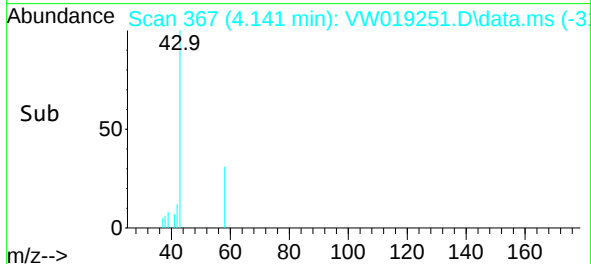
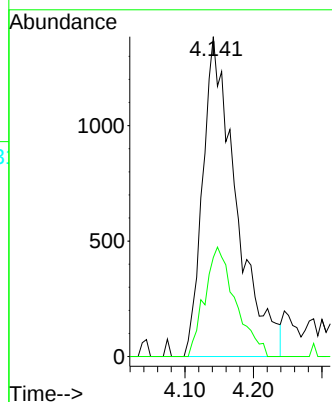
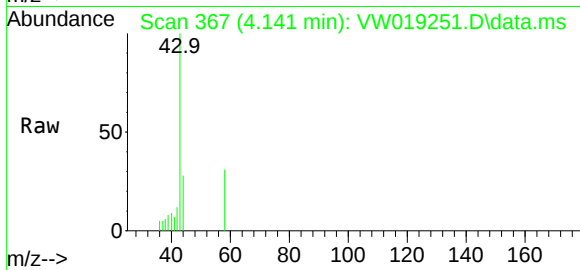




#16
Acetone
Concen: 7.431 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

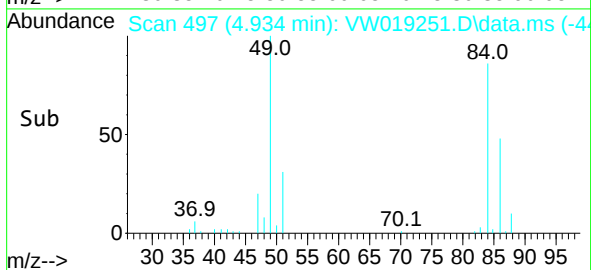
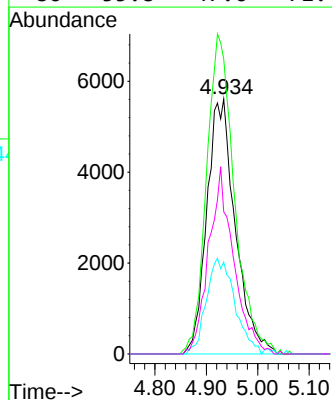
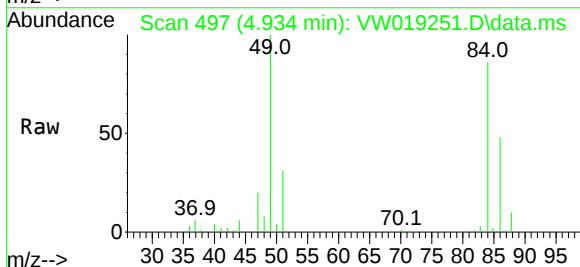
Instrument :
MSVOA_W
ClientSampled :

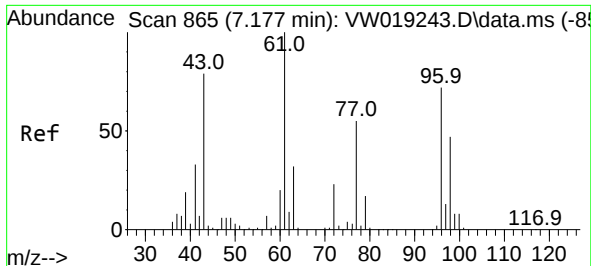
Tgt Ion: 43 Resp: 4702
Ion Ratio Lower Upper
43 100
58 31.0 26.4 39.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.934 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion: 84 Resp: 21538
Ion Ratio Lower Upper
84 100
49 115.8 90.4 135.6
51 36.0 27.1 40.7
86 55.8 47.6 71.4

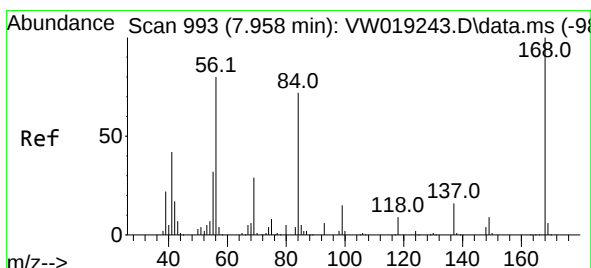
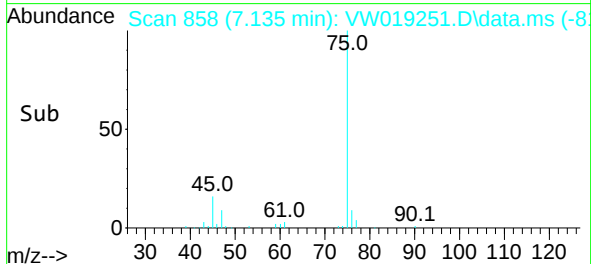
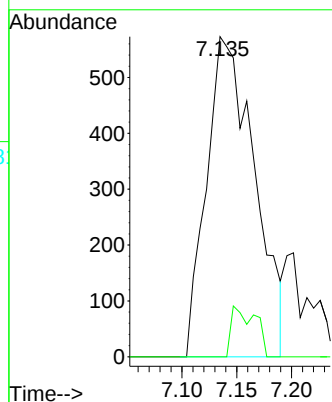
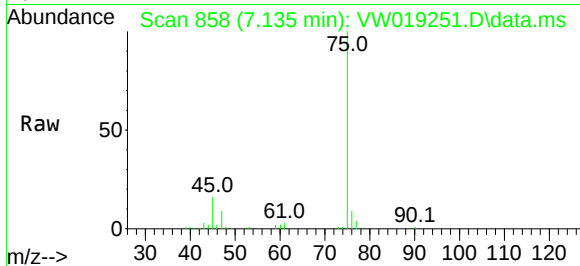




#25
2-Butanone
Concen: 1.864 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.042 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

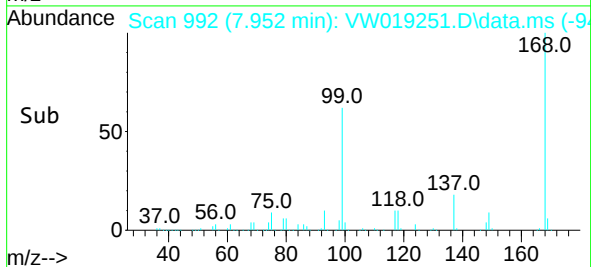
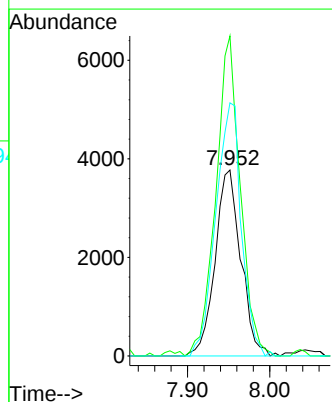
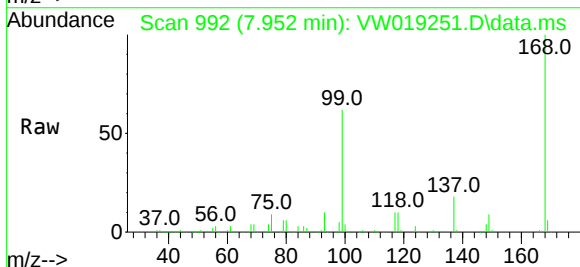
Instrument :
MSVOA_W
ClientSampled :

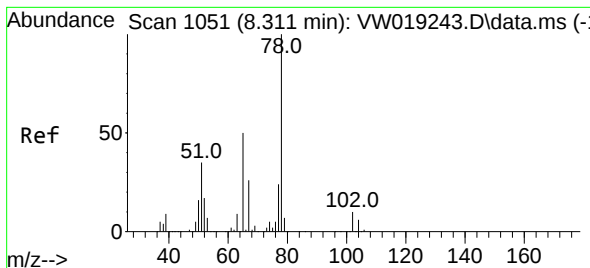
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion: 56 Resp: 8206
Ion Ratio Lower Upper
56 100
69 172.1 28.4 42.6#
84 136.1 72.3 108.5#

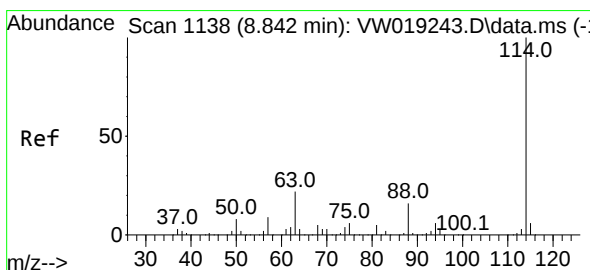
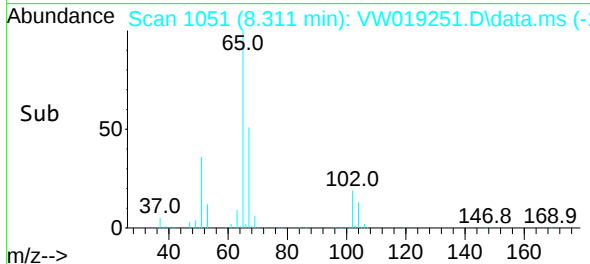
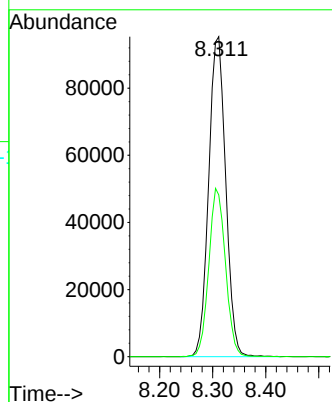
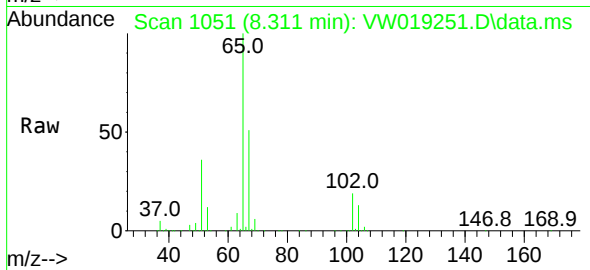




#33
1,2-Dichloroethane-d4
Concen: 53.931 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

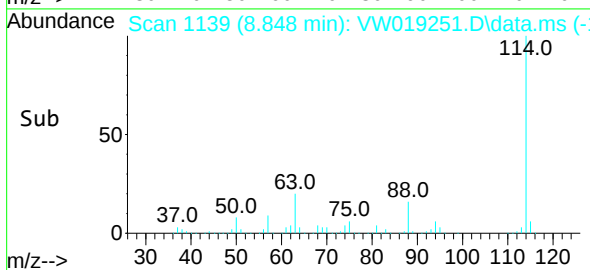
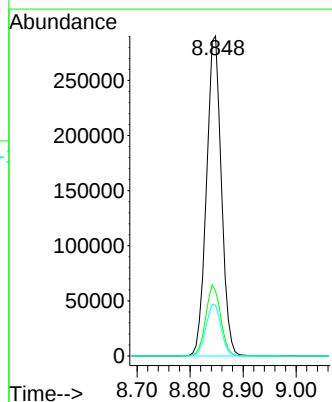
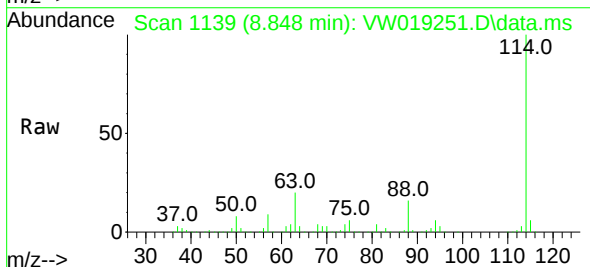
Instrument :
MSVOA_W
ClientSampled :

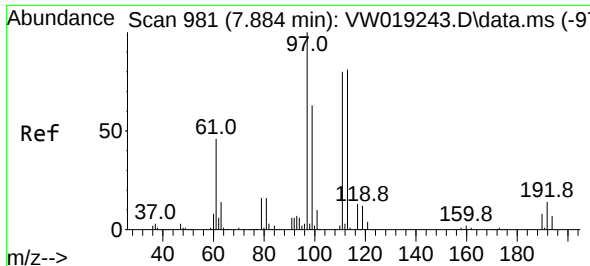
Tgt Ion: 65 Resp: 212629
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion: 114 Resp: 563286
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 15.8 0.0 33.2

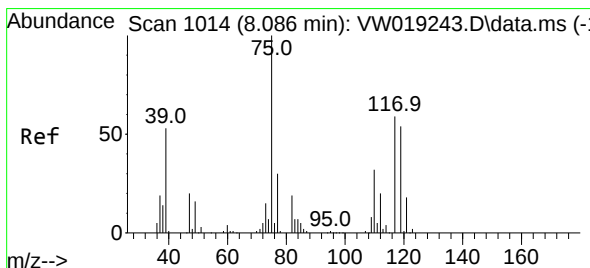
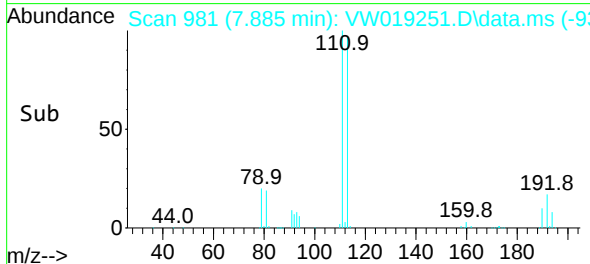
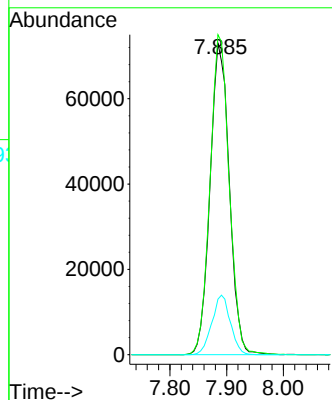
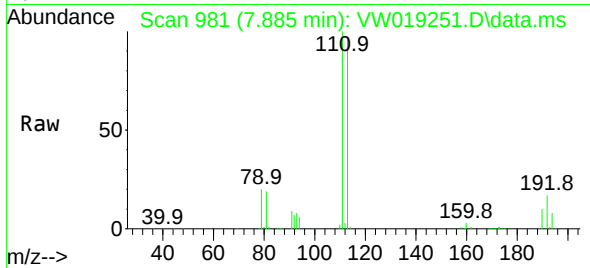




#35
Dibromofluoromethane
Concen: 47.954 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

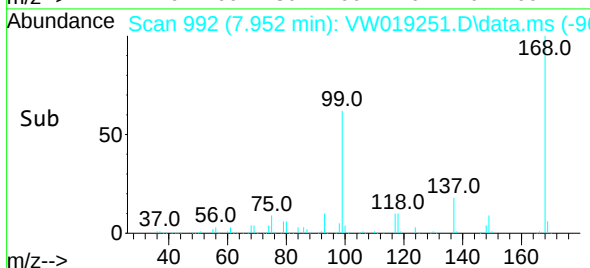
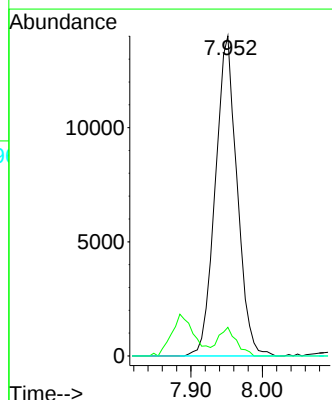
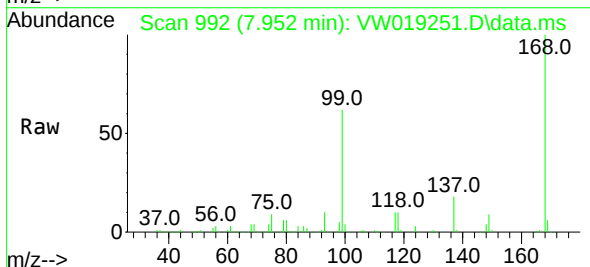
Instrument :
MSVOA_W
ClientSampled :

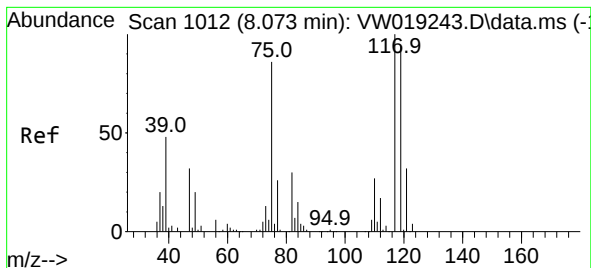
Tgt Ion:113 Resp: 172048
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 18.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion: 75 Resp: 29614
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

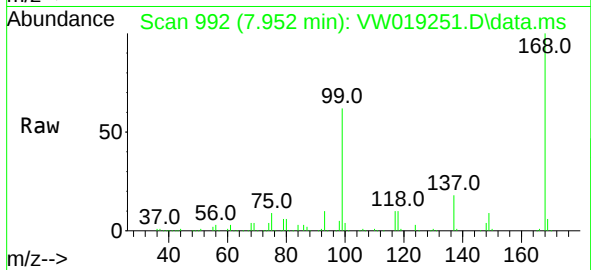
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Acq: 21 Jun 2021 15:50

Instrument :

MSVOA_W

ClientSampleId :



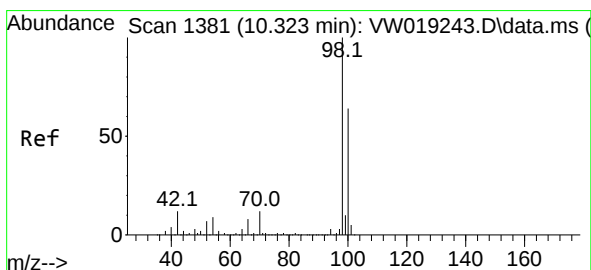
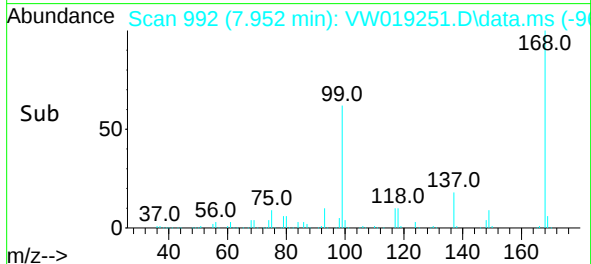
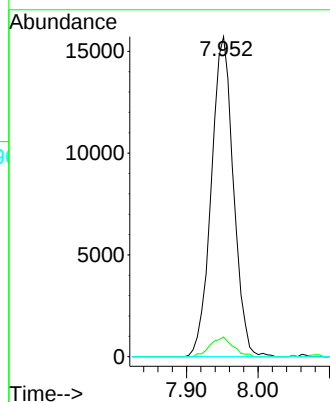
Tgt Ion:117 Resp: 33823

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 46.551 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW019251.D

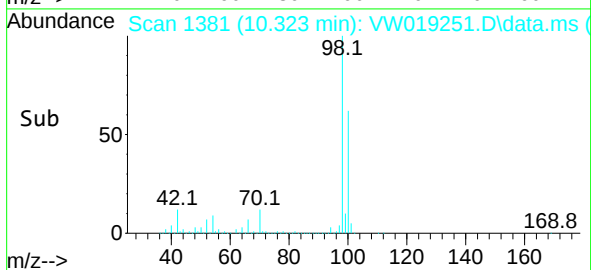
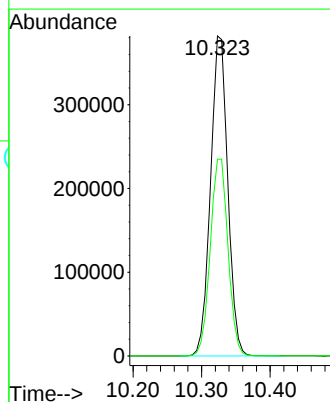
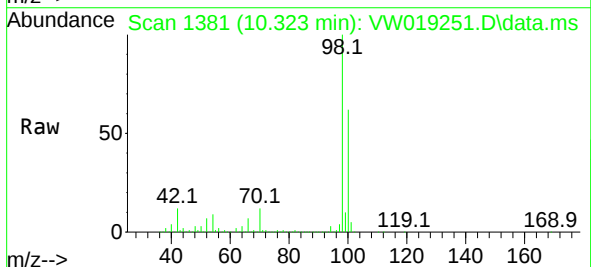
Acq: 21 Jun 2021 15:50

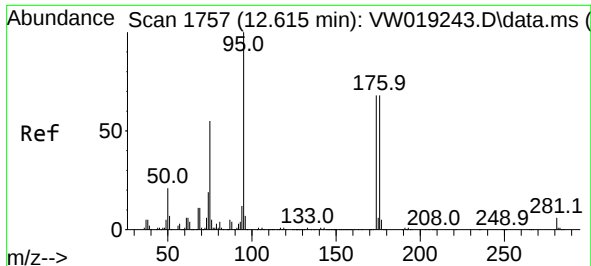
Tgt Ion: 98 Resp: 668593

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

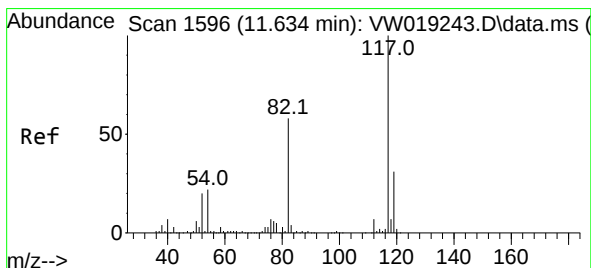
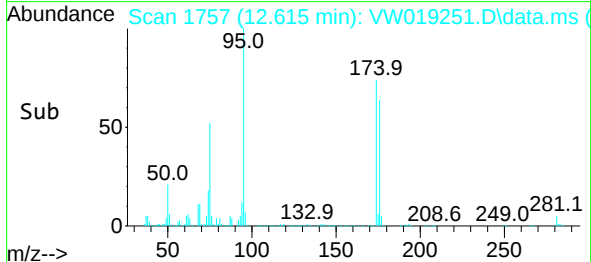
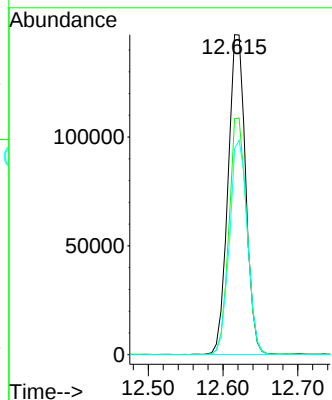
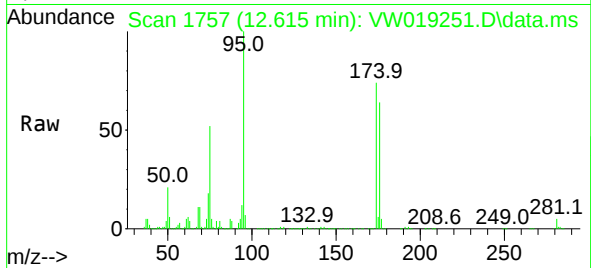




#62
4-Bromofluorobenzene
Concen: 47.935 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

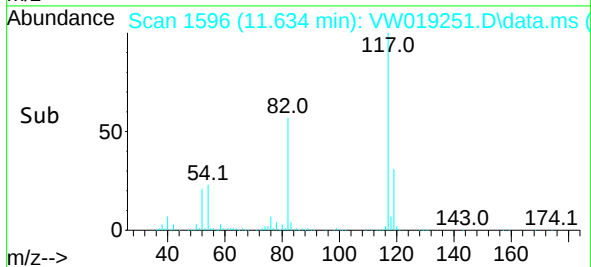
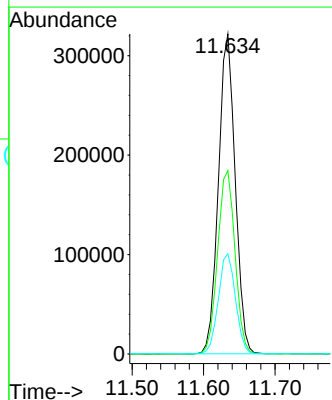
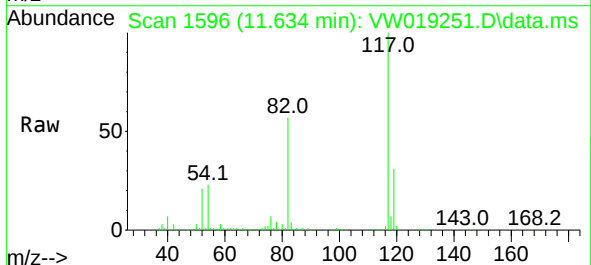
Instrument :
MSVOA_W
ClientSampleId :

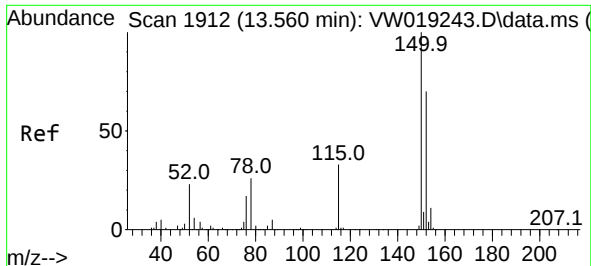
Tgt Ion: 95 Resp: 240785
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.2
176 68.8 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

Tgt Ion:117 Resp: 524002
Ion Ratio Lower Upper
117 100
82 57.3 44.4 66.6
119 31.2 24.6 36.8

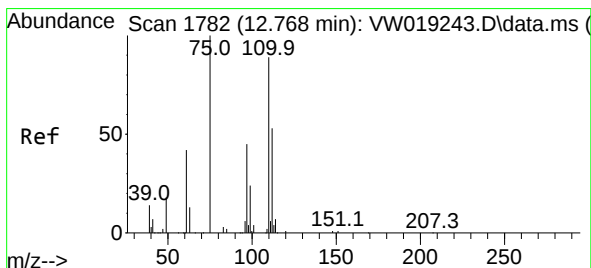
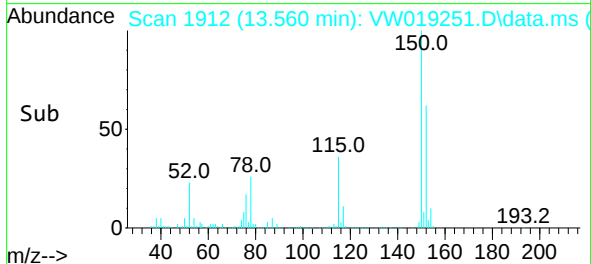
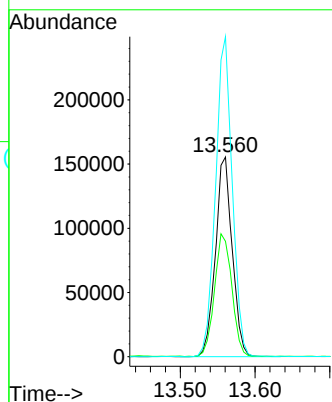
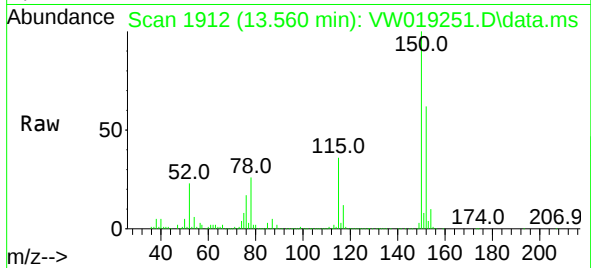




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

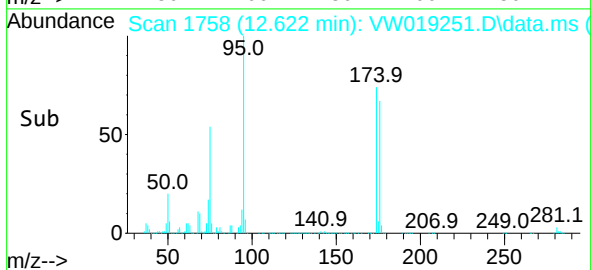
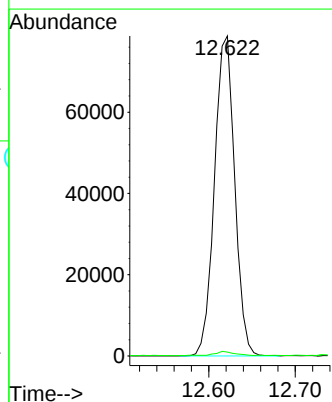
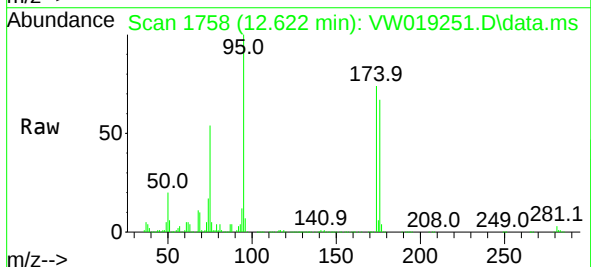
Instrument :
MSVOA_W
ClientSampled :

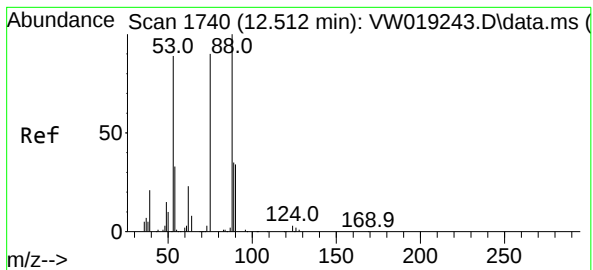
Tgt Ion:152 Resp: 242472
Ion Ratio Lower Upper
152 100
115 63.3 30.3 90.8
150 159.0 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 53.780 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019251.D
Acq: 21 Jun 2021 15:50

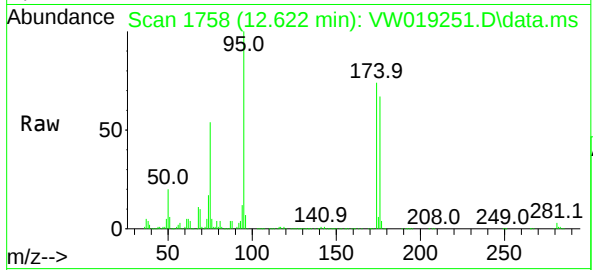
Tgt Ion: 75 Resp: 127750
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.467 ug/l
 RT: 12.622 min Scan# 1758
 Delta R.T. 0.110 min
 Lab File: VW019251.D
 Acq: 21 Jun 2021 15:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 127750
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.5 122.3#
 89 0.2 36.3 54.5#

