

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019582.D
 Acq On : 23 Jul 2021 18:58
 Operator : SY/VA
 Sample : M3151-03
 Misc : 5.48g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:21:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

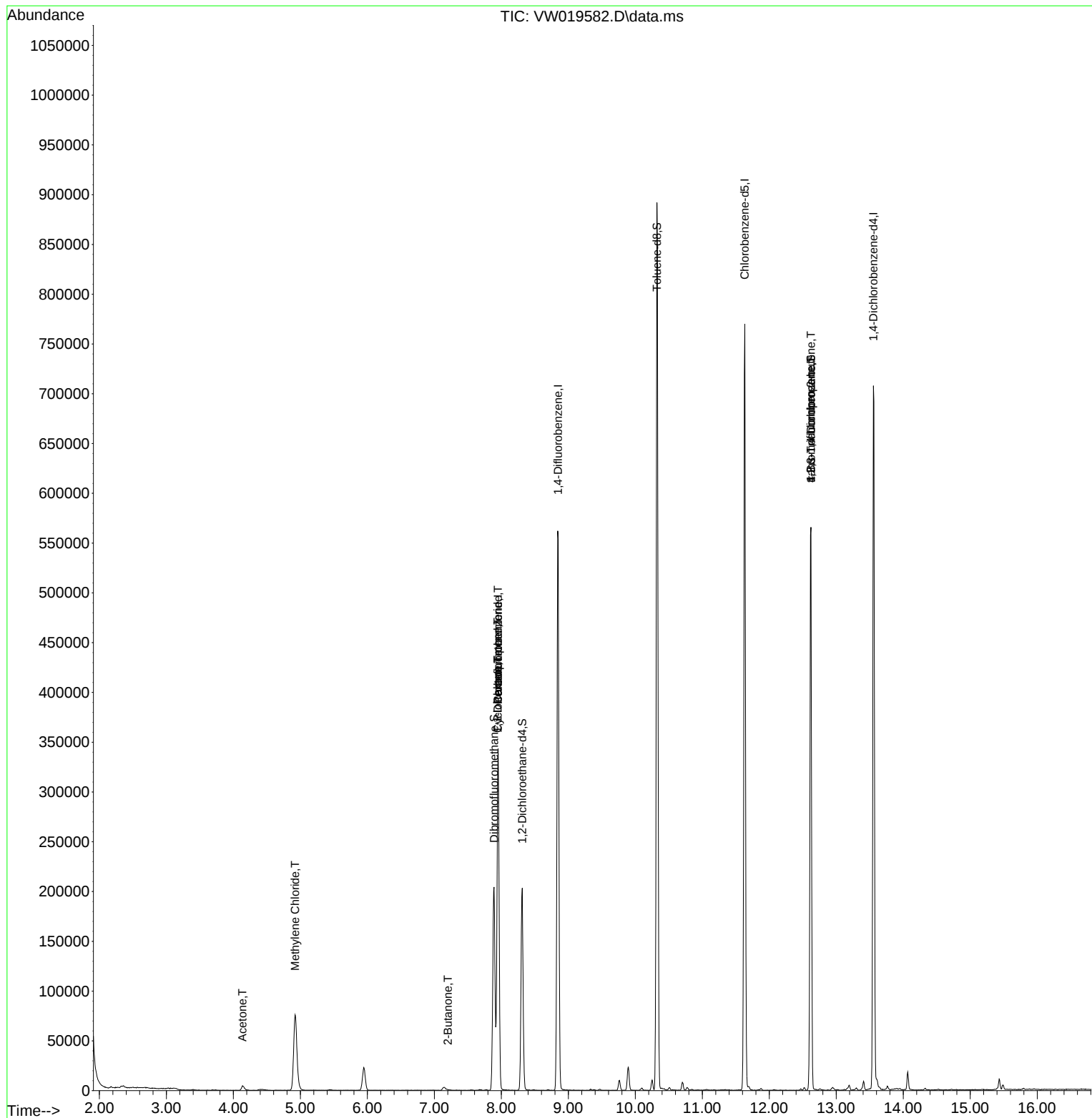
Internal Standards						
1) Pentafluorobenzene	7.952	168	247906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	466949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	423799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	184911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	160136	68.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.880%	
35) Dibromofluoromethane	7.891	113	149856	52.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.060%	
50) Toluene-d8	10.323	98	587772	53.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.621	95	196116	47.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	155	Below Cal	#	73
16) Acetone	4.135	43	8802	19.522	ug/l	98
20) Methylene Chloride	4.922	84	66848	19.810	ug/l	98
25) 2-Butanone	7.202	43	1372	1.769	ug/l #	48
31) Cyclohexane	7.945	56	5491	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	20788	4.176	ug/l #	50
38) Carbon Tetrachloride	7.952	117	24892	5.724	ug/l #	18
76) 1,2,3-Trichloropropane	12.621	75	99570	54.484	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	99570	124.168	ug/l #	12

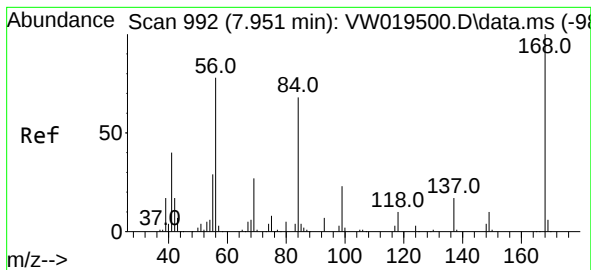
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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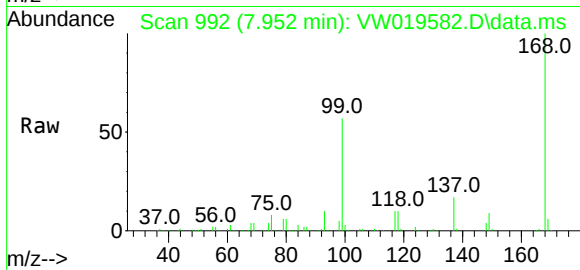
Quant Time: Jul 24 05:21:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
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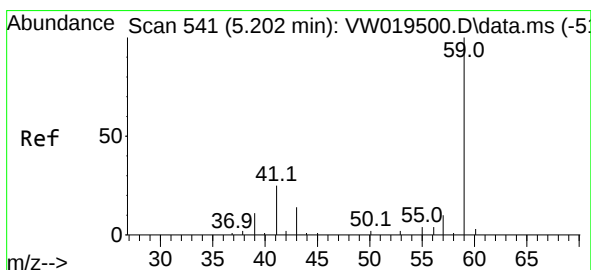
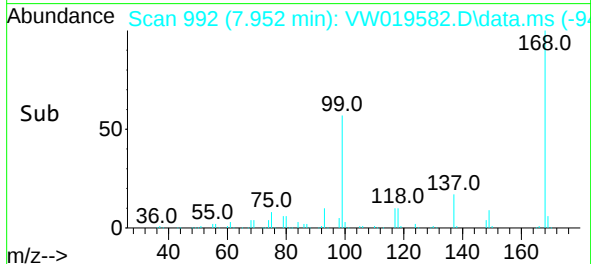
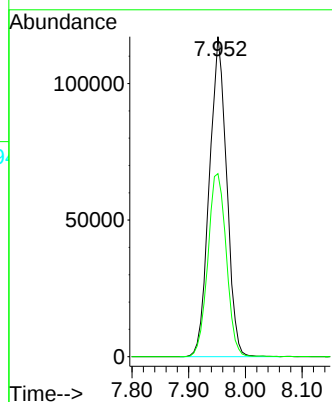


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

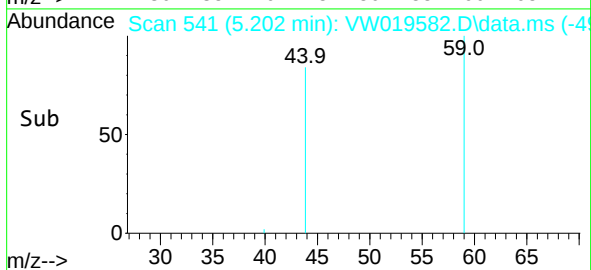
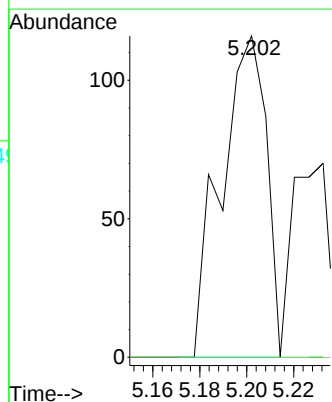
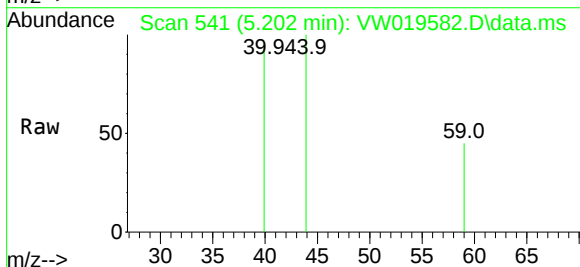


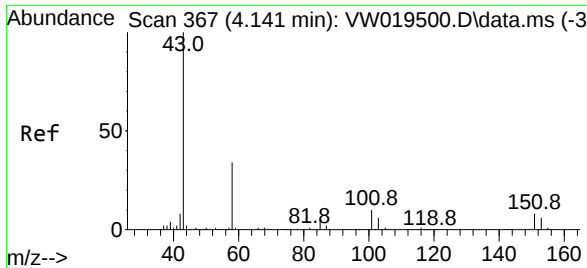
Tgt Ion:168 Resp: 247906
Ion Ratio Lower Upper
168 100
99 57.2 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

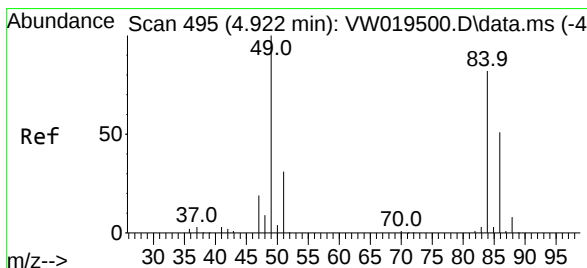
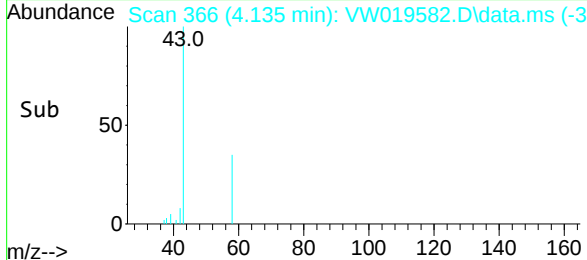
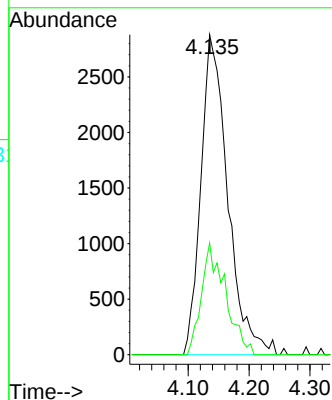
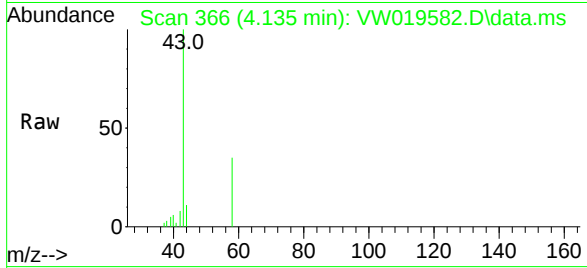




#16
Acetone
Concen: 19.522 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

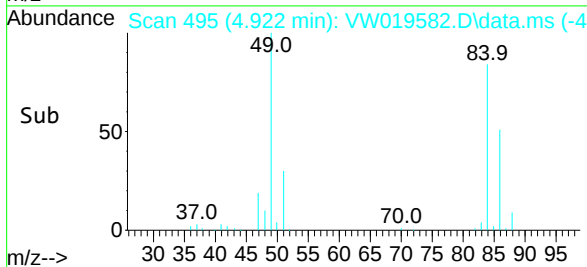
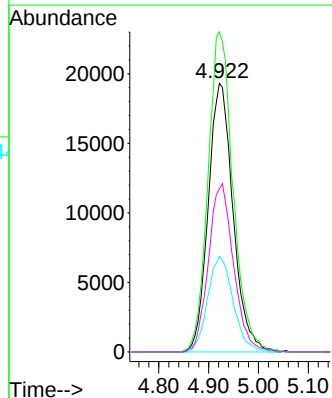
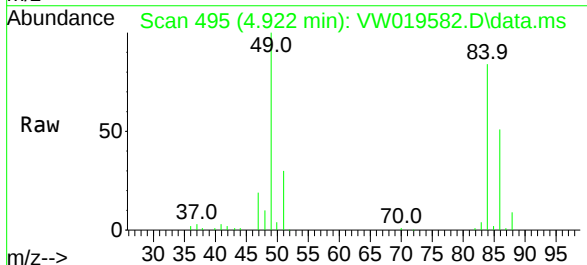
Instrument :
MSVOA_W
ClientSampled :

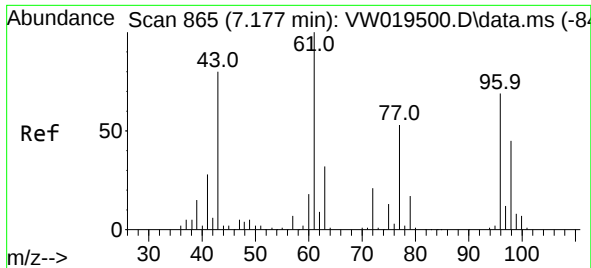
Tgt Ion: 43 Resp: 8802
Ion Ratio Lower Upper
43 100
58 34.9 27.2 40.8



#20
Methylene Chloride
Concen: 19.810 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 84 Resp: 66848
Ion Ratio Lower Upper
84 100
49 119.1 97.2 145.8
51 35.6 30.1 45.1
86 60.8 49.9 74.9

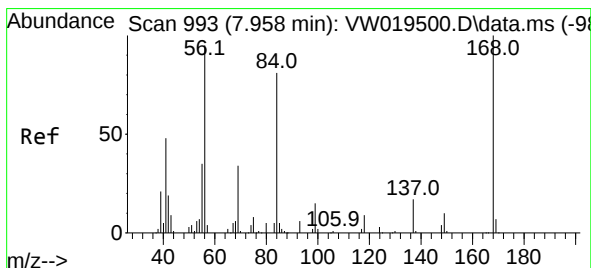
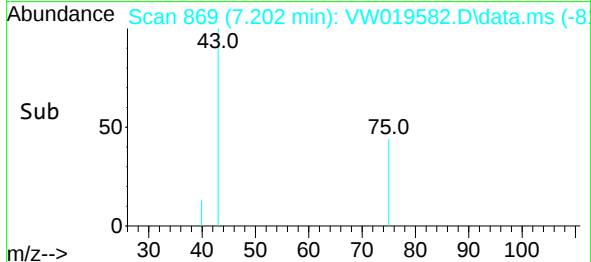
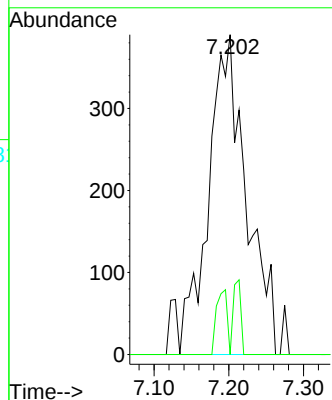
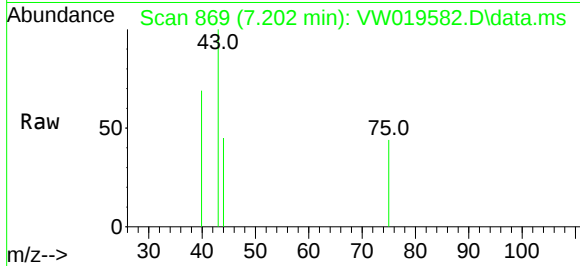




#25
2-Butanone
Concen: 1.769 ug/l
RT: 7.202 min Scan# 869
Delta R.T. 0.024 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

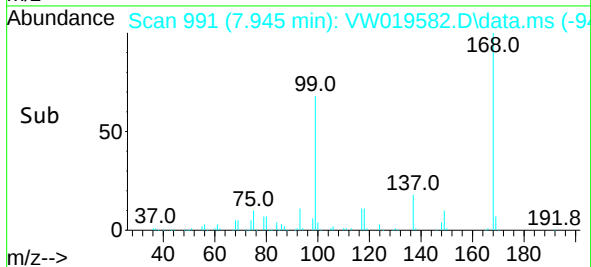
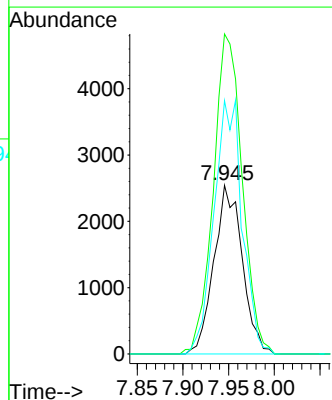
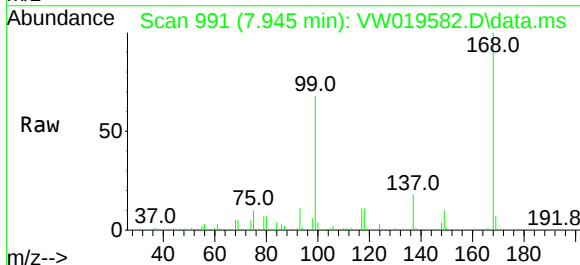
Instrument :
MSVOA_W
ClientSampled :

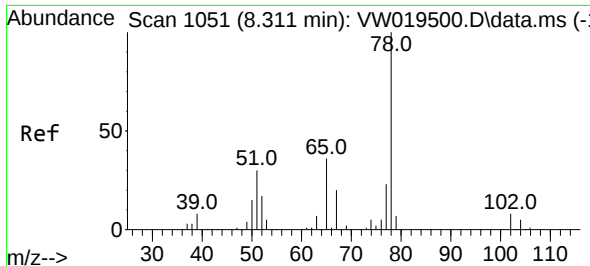
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 56 Resp: 5491
Ion Ratio Lower Upper
56 100
69 189.7 28.3 42.5#
84 158.9 68.1 102.1#

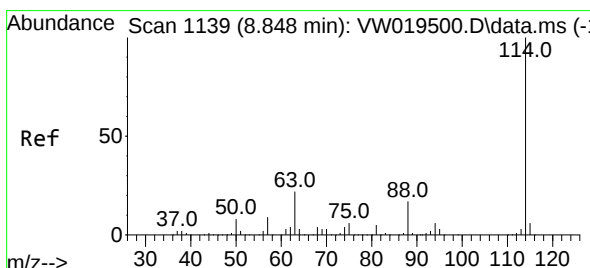
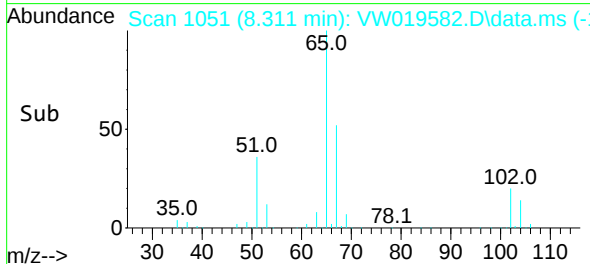
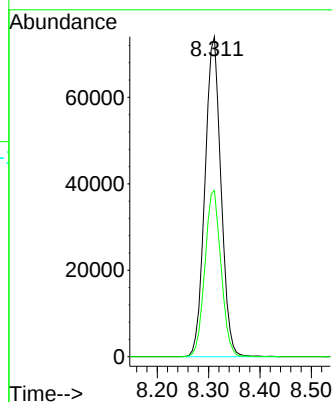
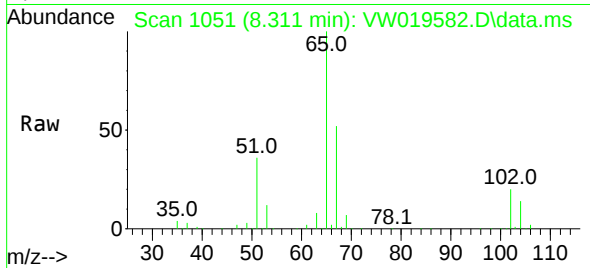




#33
1,2-Dichloroethane-d4
Concen: 68.436 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

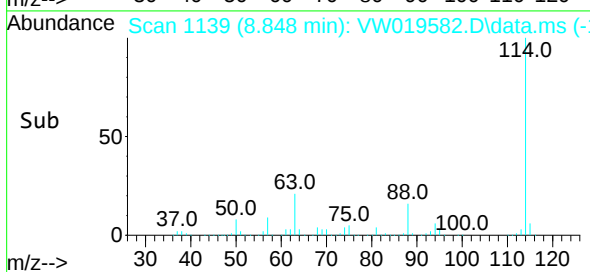
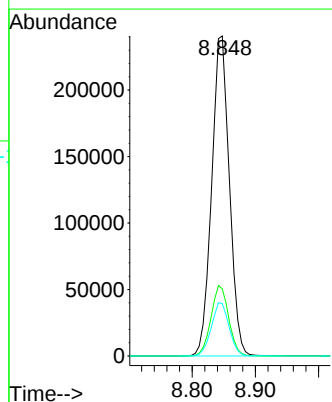
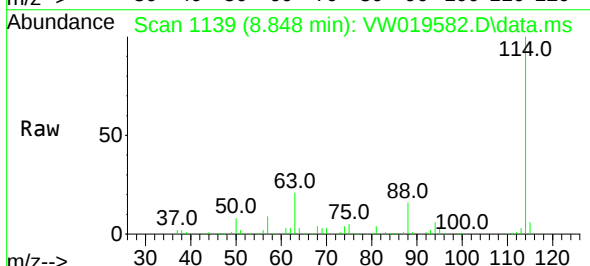
Instrument :
MSVOA_W
ClientSampled :

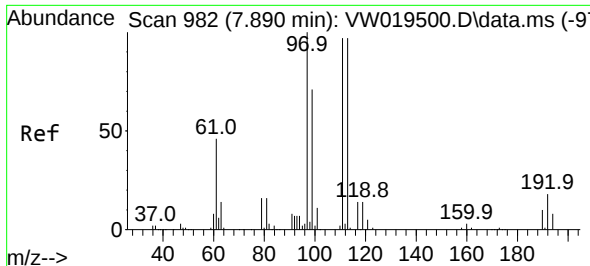
Tgt Ion: 65 Resp: 160136
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 114 Resp: 466949
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 16.4 0.0 33.4

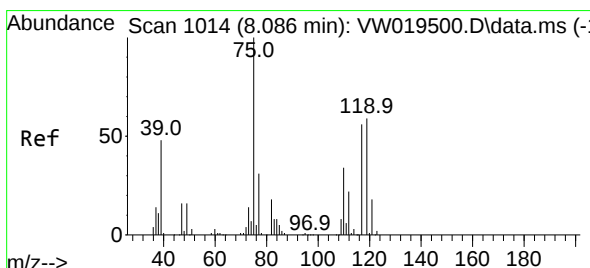
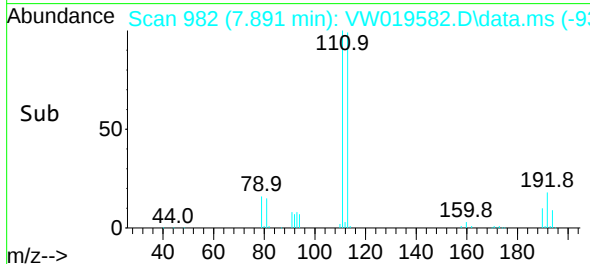
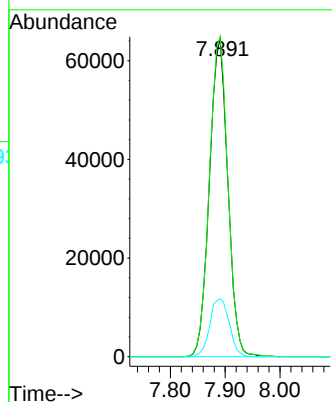
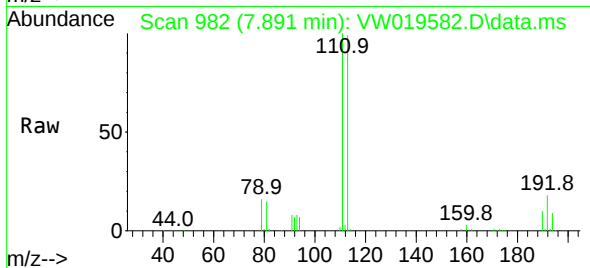




#35
Dibromofluoromethane
Concen: 52.528 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

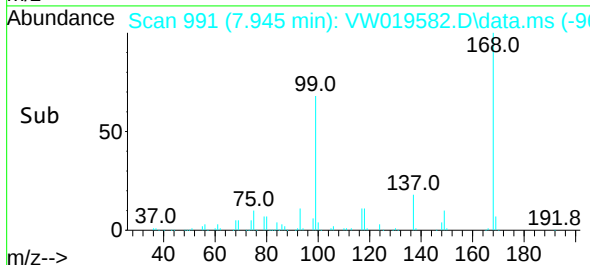
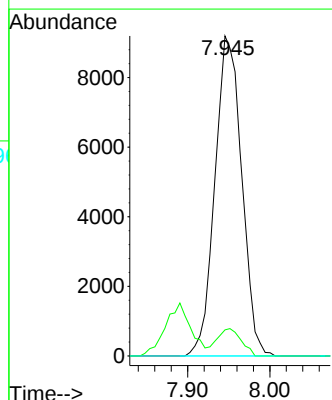
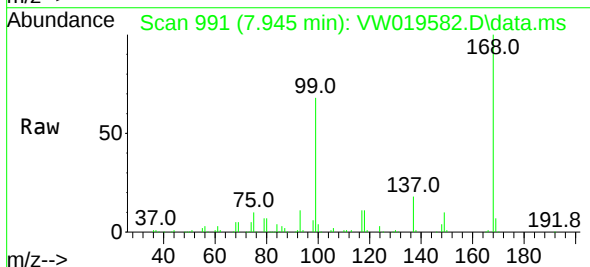
Instrument :
MSVOA_W
ClientSampleId :

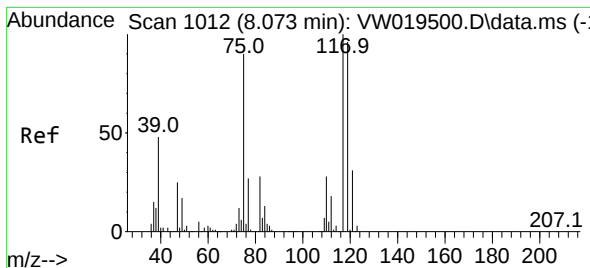
Tgt Ion:113 Resp: 149856
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.176 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 75 Resp: 20788
Ion Ratio Lower Upper
75 100
110 7.9 16.6 49.7#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.724 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.122 min

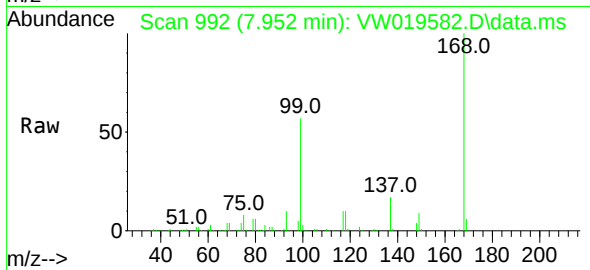
Lab File: VW019582.D

Acq: 23 Jul 2021 18:58

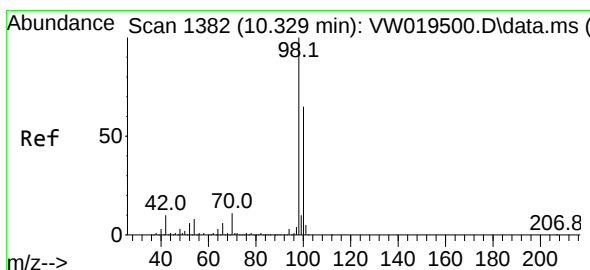
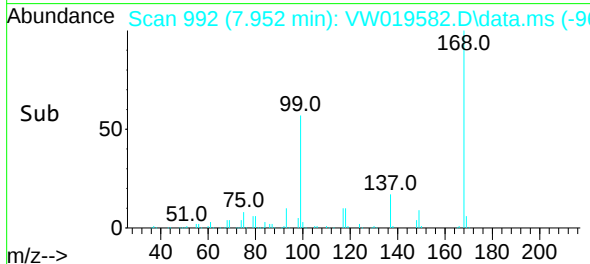
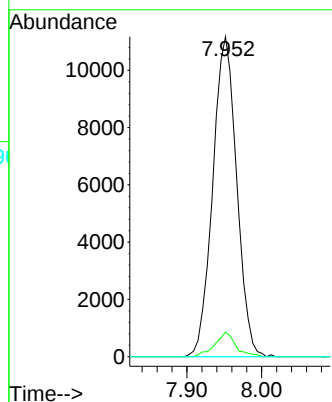
Instrument :

MSVOA_W

ClientSampled :



Tgt Ion:	117	Resp:	24892
Ion	Ratio	Lower	Upper
117	100		
119	7.7	76.7	115.1#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 53.213 ug/l

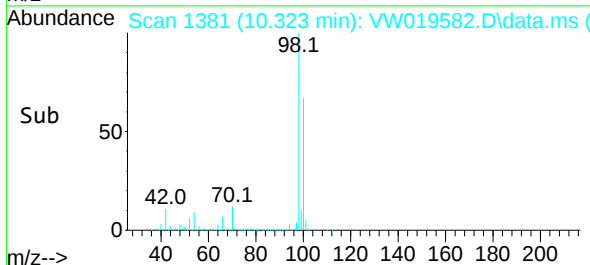
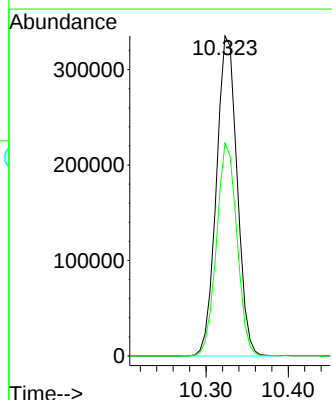
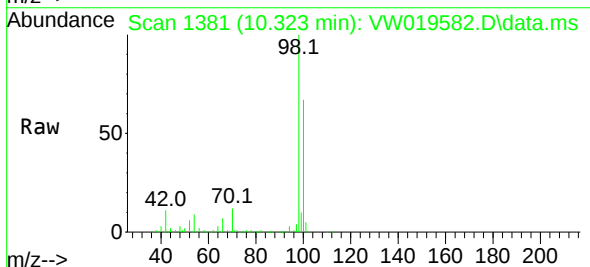
RT: 10.323 min Scan# 1381

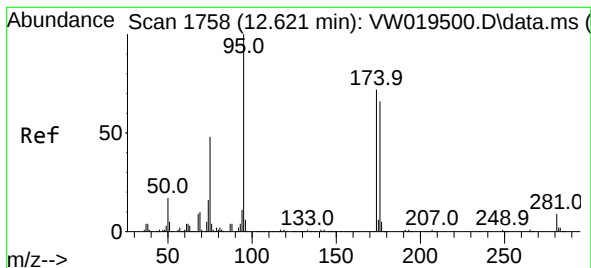
Delta R.T. -0.006 min

Lab File: VW019582.D

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Tgt Ion:	98	Resp:	587772
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4

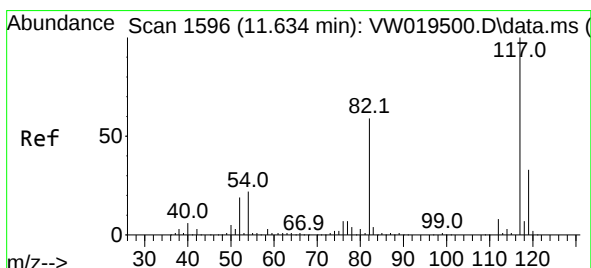
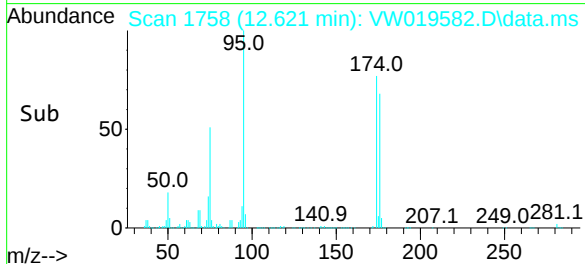
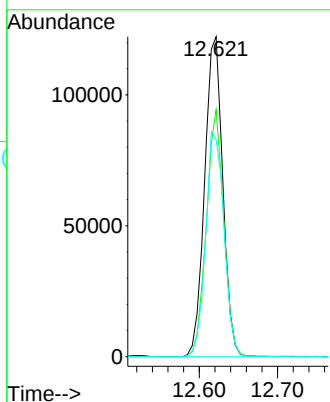
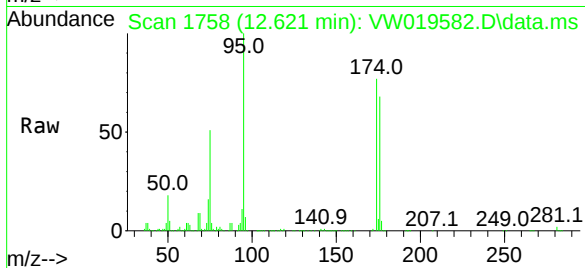




#62
4-Bromofluorobenzene
Concen: 47.333 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

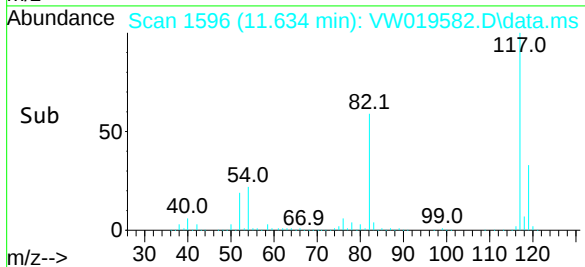
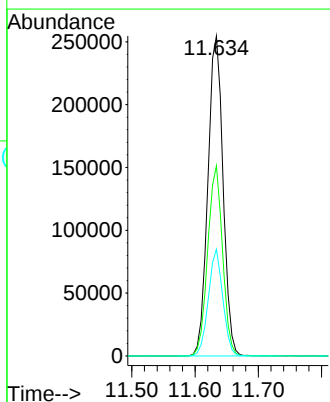
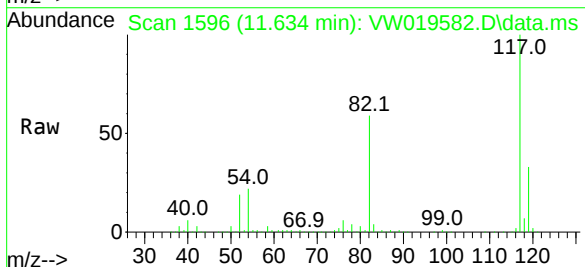
Instrument :
MSVOA_W
ClientSampleId :

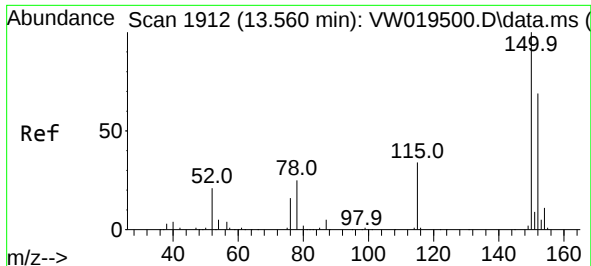
Tgt Ion: 95 Resp: 196116
Ion Ratio Lower Upper
95 100
174 74.2 0.0 146.6
176 71.4 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

Tgt Ion: 117 Resp: 423799
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 33.4 26.6 39.8

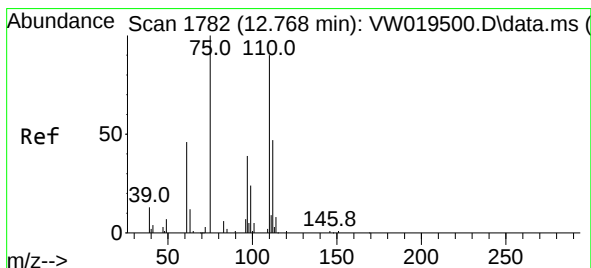
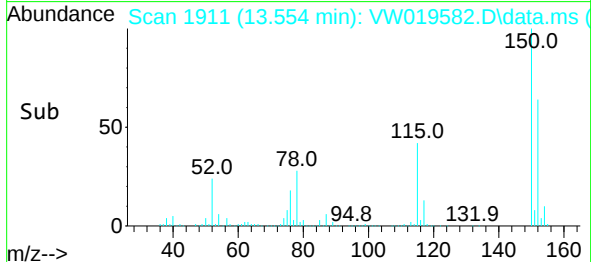
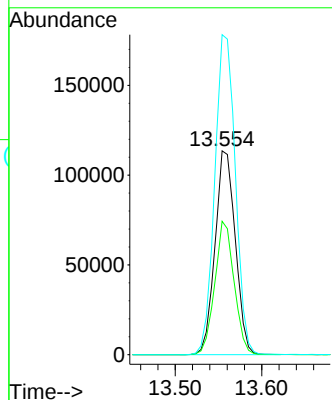
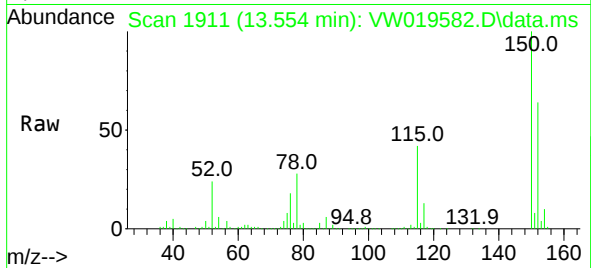




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

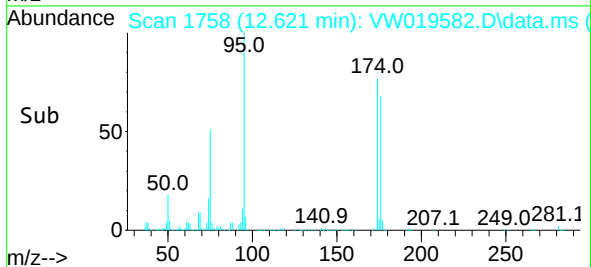
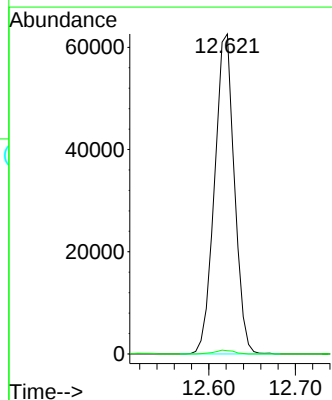
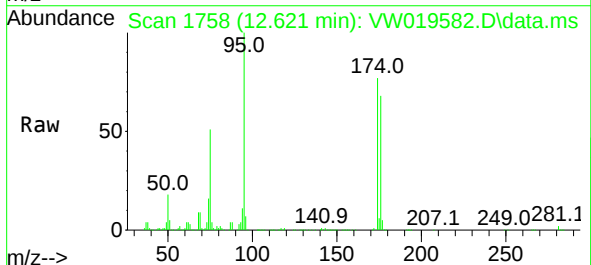
Instrument :
MSVOA_W
ClientSampleId :

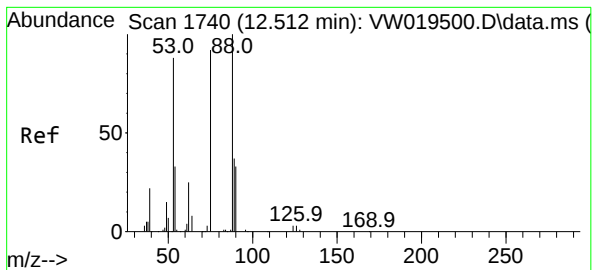
Tgt Ion:152 Resp: 184911
Ion Ratio Lower Upper
152 100
115 62.4 30.6 91.8
150 159.4 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 54.484 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019582.D
Acq: 23 Jul 2021 18:58

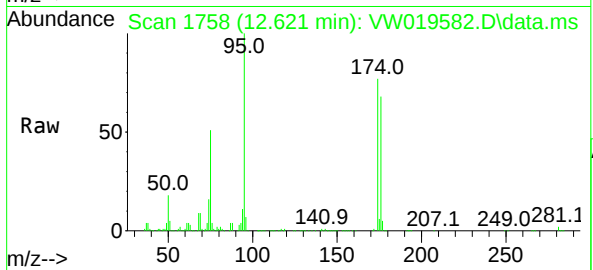
Tgt Ion: 75 Resp: 99570
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.168 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.110 min
 Lab File: VW019582.D
 Acq: 23 Jul 2021 18:58

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	99570
Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.8	113.8#
89	0.0	35.7	53.5#

