

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019514.D
 Acq On : 20 Jul 2021 16:24
 Operator : SY/VA
 Sample : M3039-09
 Misc : 5.04g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 02:04:56 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)

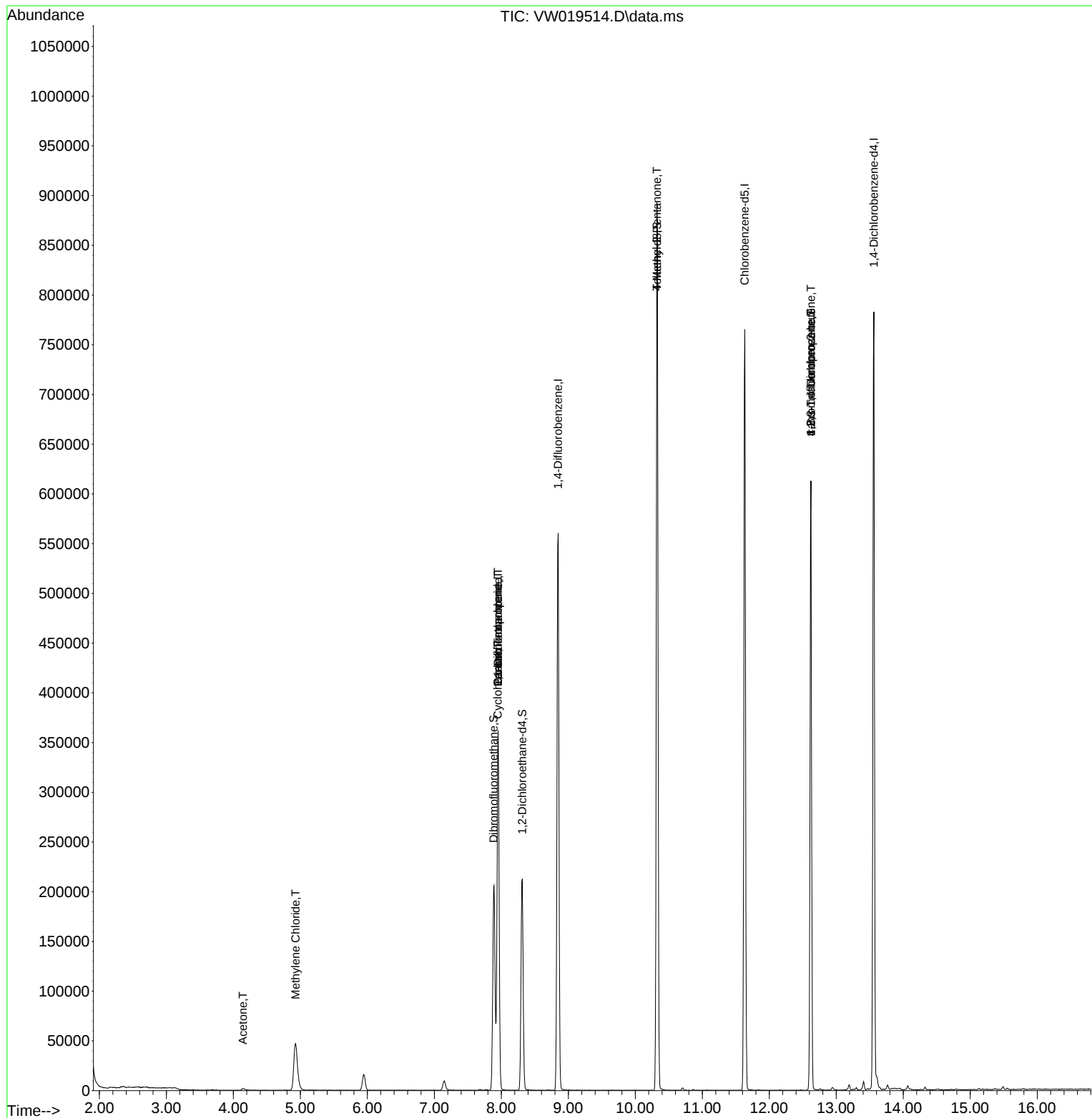
Internal Standards						
1) Pentafluorobenzene	7.952	168	253217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	474947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	428561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	205129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	175020	73.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.160%	
35) Dibromofluoromethane	7.885	113	152504	52.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.120%	
50) Toluene-d8	10.323	98	591066	52.610	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.621	95	209973	49.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	45	Below Cal	#	73
16) Acetone	4.141	43	4031	8.753	ug/l #	87
20) Methylene Chloride	4.928	84	46436	11.856	ug/l	98
31) Cyclohexane	7.945	56	5586	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	21986	4.342	ug/l #	50
38) Carbon Tetrachloride	7.952	117	26258	5.936	ug/l #	16
51) 4-Methyl-2-Pentanone	10.323	43	2580	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.621	75	107960	53.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	107960	121.361	ug/l #	12

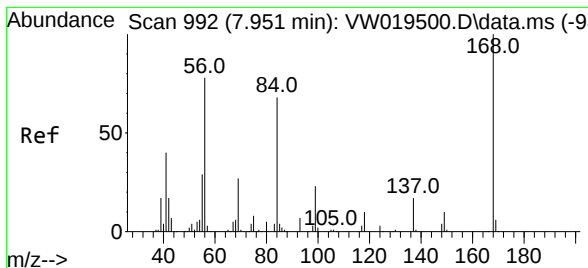
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

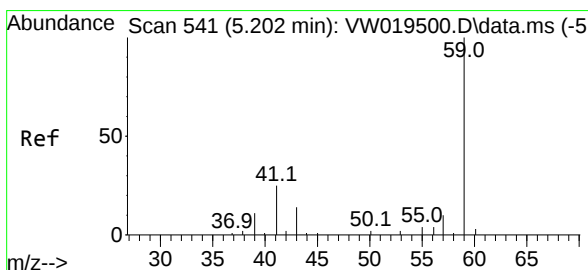
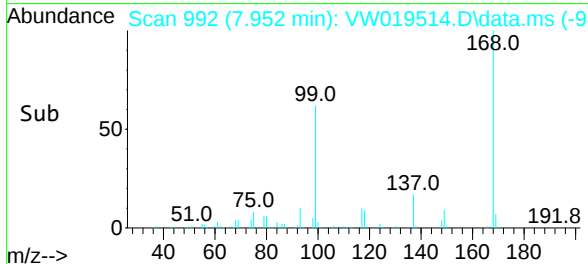
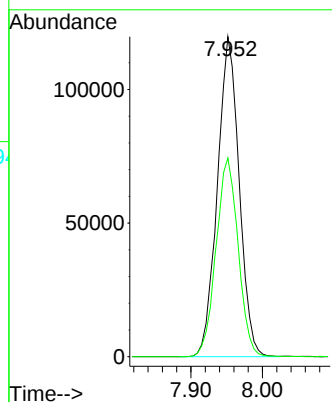
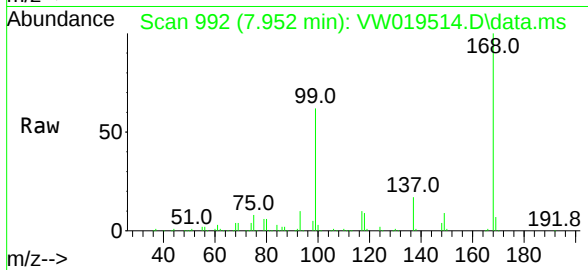




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

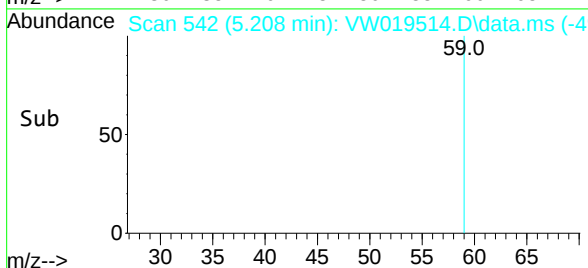
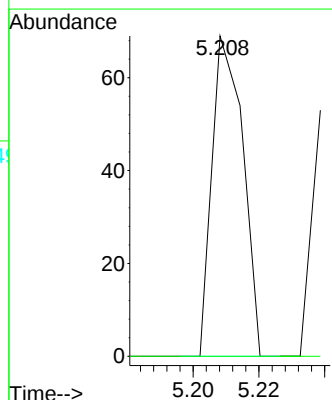
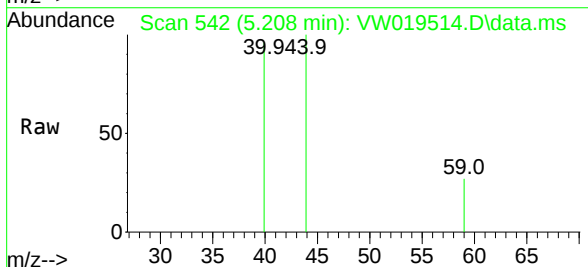
Instrument :
MSVOA_W
ClientSampleId :

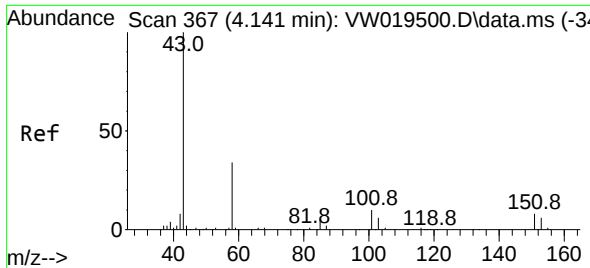
Tgt Ion:168 Resp: 253217
Ion Ratio Lower Upper
168 100
99 62.1 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 542
Delta R.T. 0.006 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

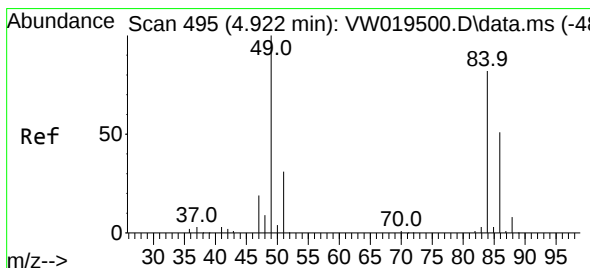
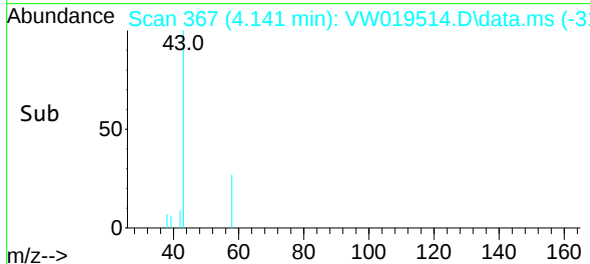
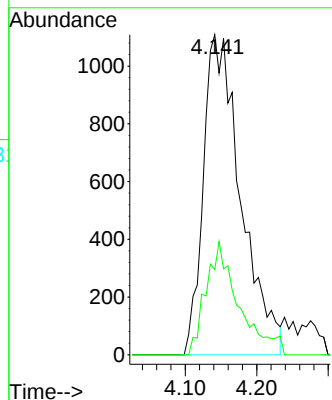
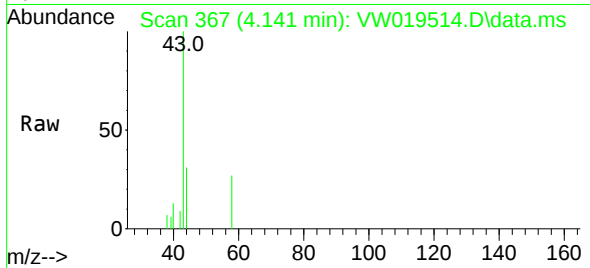




#16
Acetone
Concen: 8.753 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

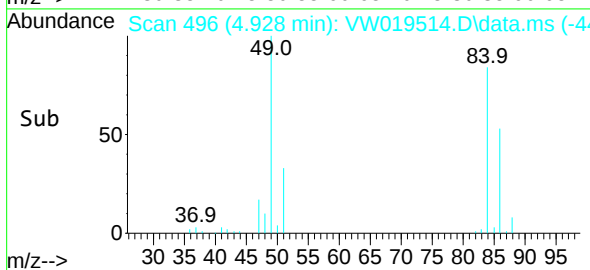
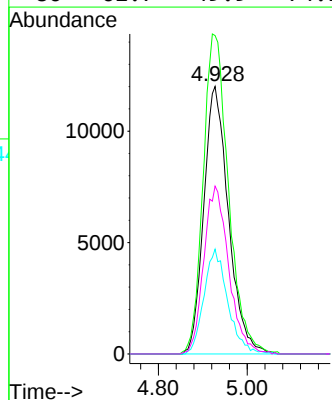
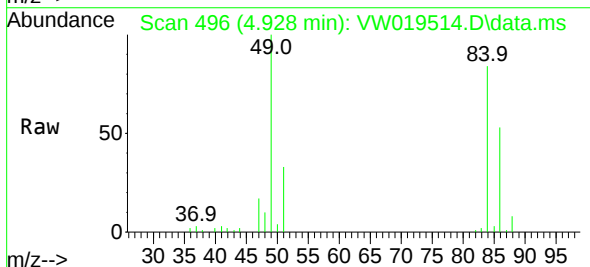
Instrument :
MSVOA_W
ClientSampled :

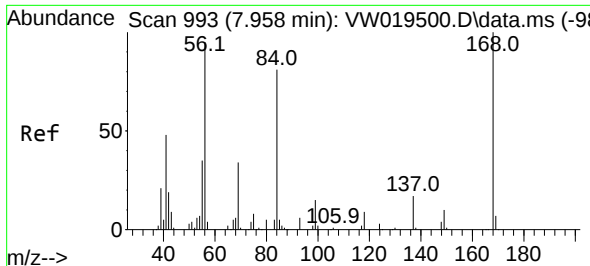
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 26.6 27.2 40.8#



#20
Methylene Chloride
Concen: 11.856 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 84 Resp: 46436
Ion Ratio Lower Upper
84 100
49 119.0 97.2 145.8
51 39.2 30.1 45.1
86 62.7 49.9 74.9

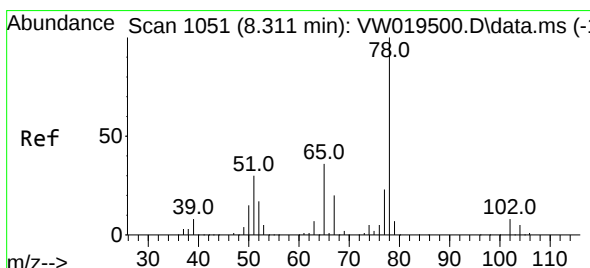
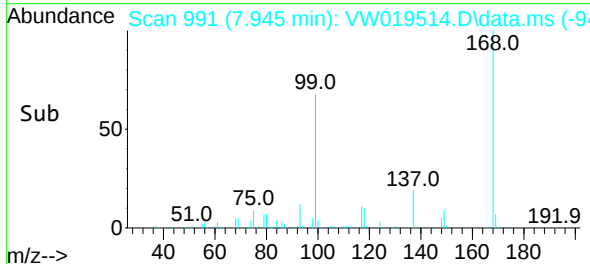
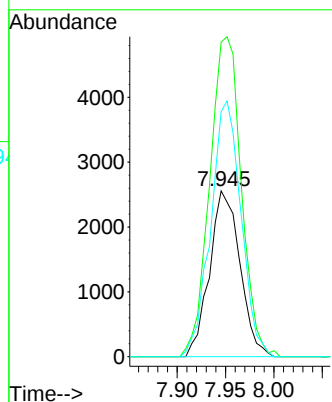
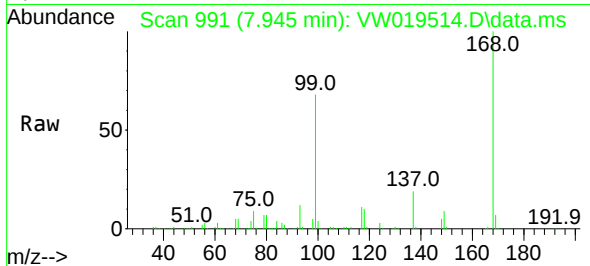




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

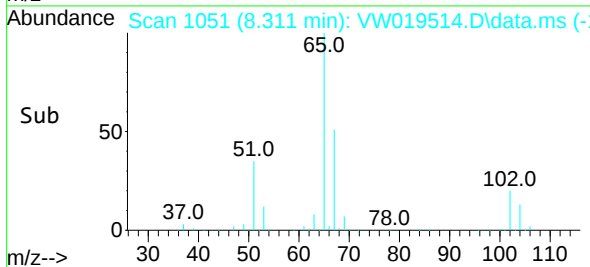
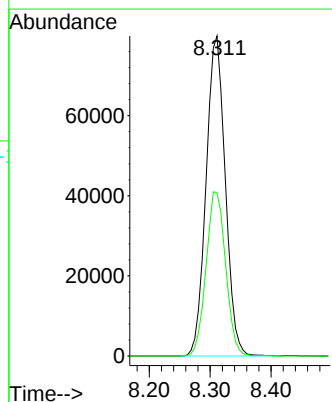
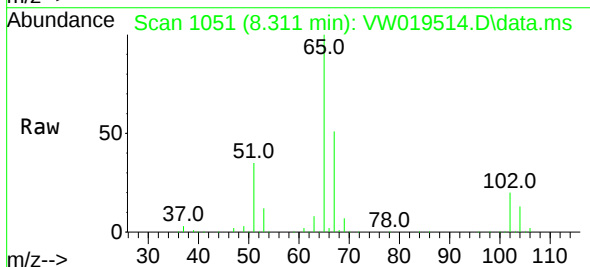
Instrument :
MSVOA_W
ClientSampleId :

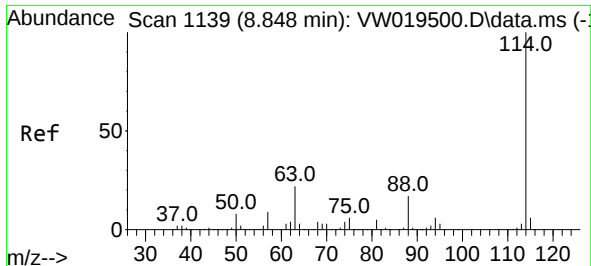
Tgt Ion: 56 Resp: 5586
Ion Ratio Lower Upper
56 100
69 189.7 28.3 42.5#
84 147.8 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 73.579 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 65 Resp: 175020
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8

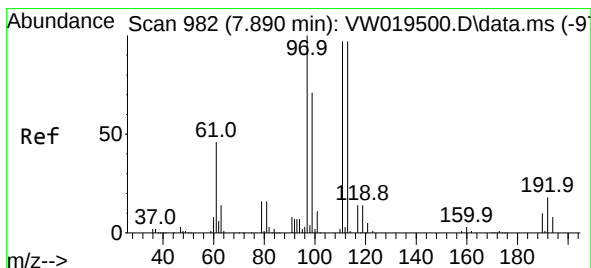
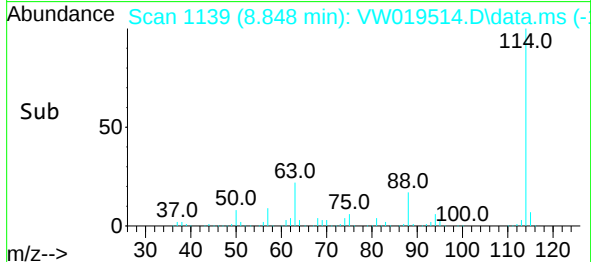
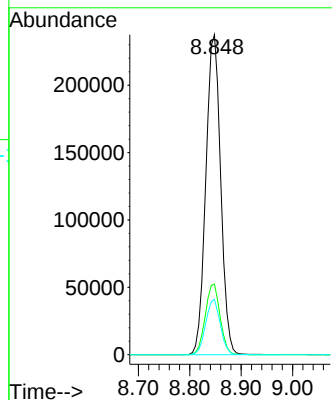
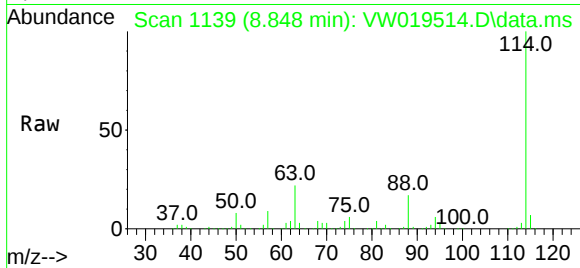




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

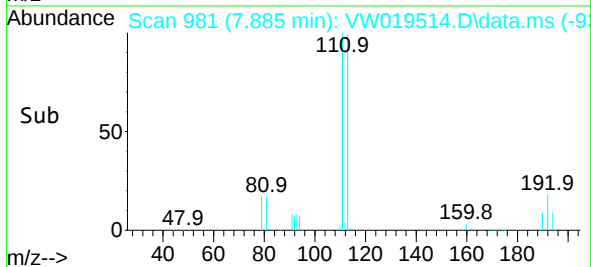
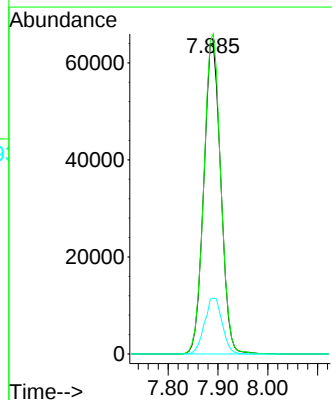
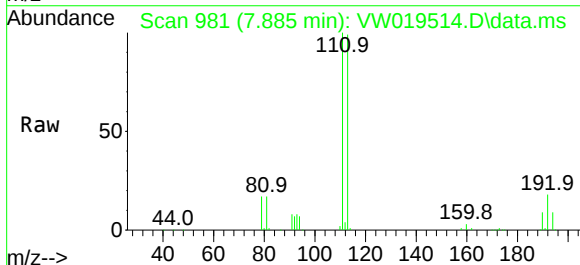
Instrument :
MSVOA_W
ClientSampleId :

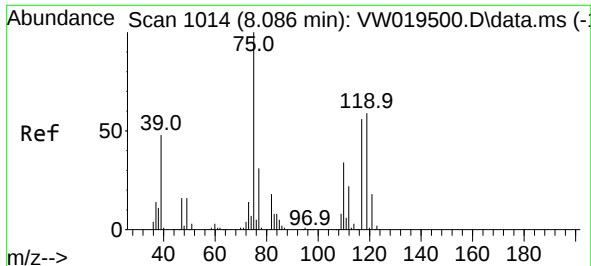
Tgt Ion:114 Resp: 474947
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.8
88 17.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.556 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.005 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion:113 Resp: 152504
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.5 15.4 23.2

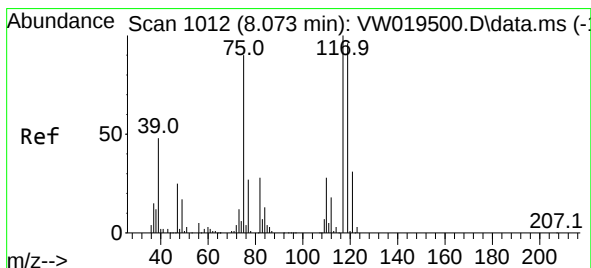
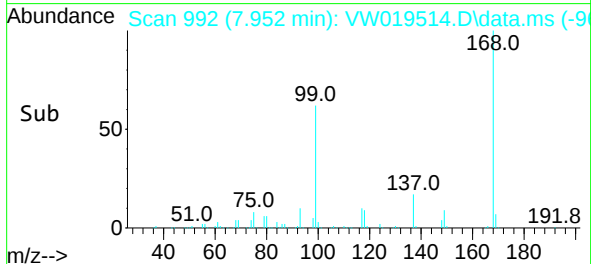
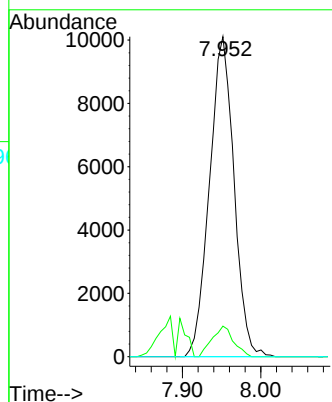
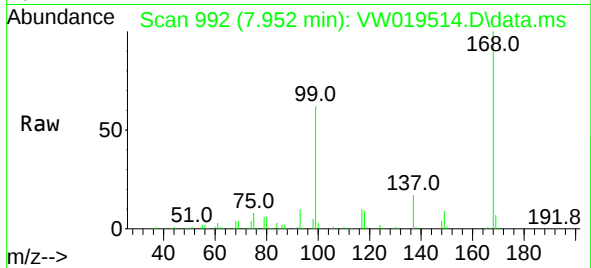




#36
 1,1-Dichloropropene
 Concen: 4.342 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.134 min
 Lab File: VW019514.D
 Acq: 20 Jul 2021 16:24

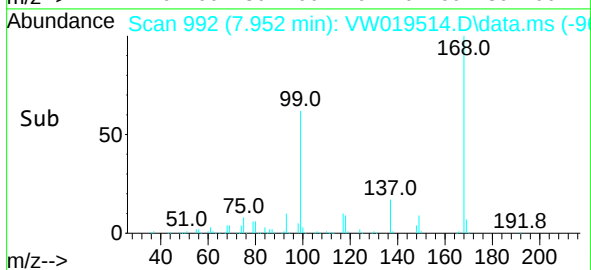
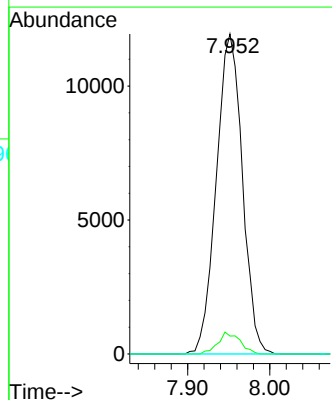
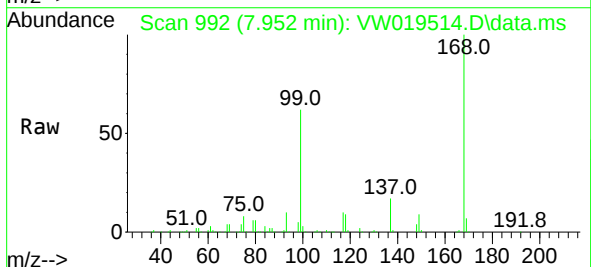
Instrument :
 MSVOA_W
 ClientSampleId :

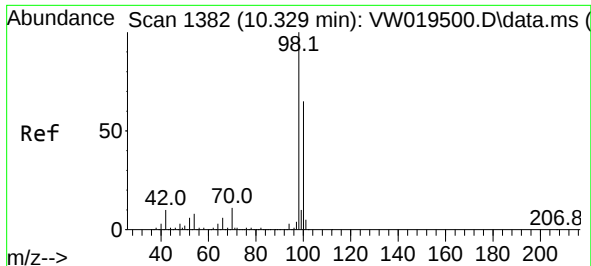
Tgt Ion: 75	Resp: 21986
Ion Ratio	Lower Upper
75 100	
110 8.4	16.6 49.7#
77 0.0	25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.936 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.122 min
 Lab File: VW019514.D
 Acq: 20 Jul 2021 16:24

Tgt Ion: 117	Resp: 26258
Ion Ratio	Lower Upper
117 100	
119 5.6	76.7 115.1#
121 0.0	24.8 37.2#

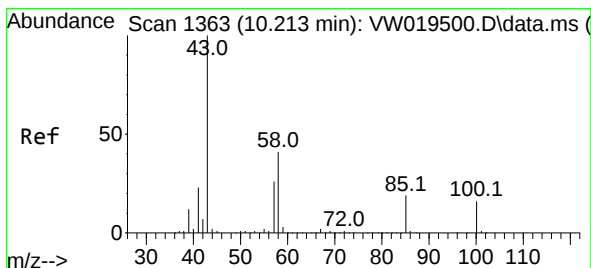
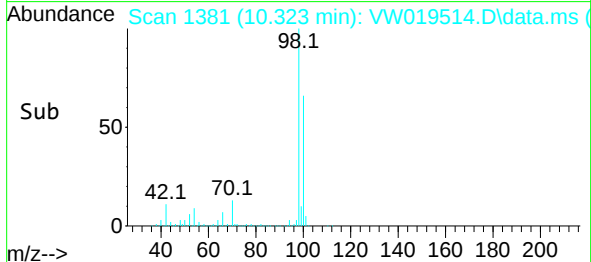
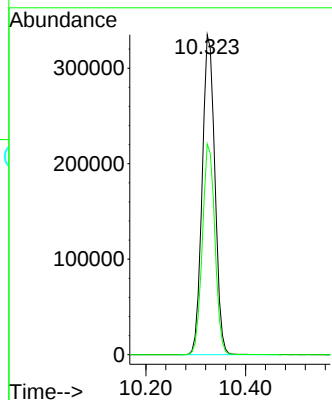
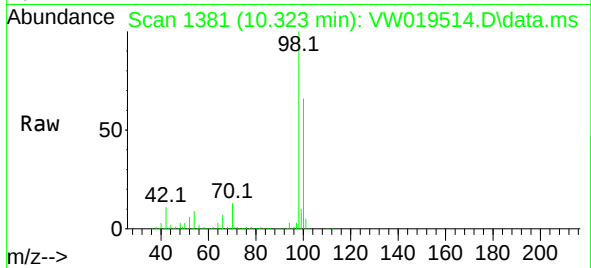




#50
Toluene-d8
Concen: 52.610 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

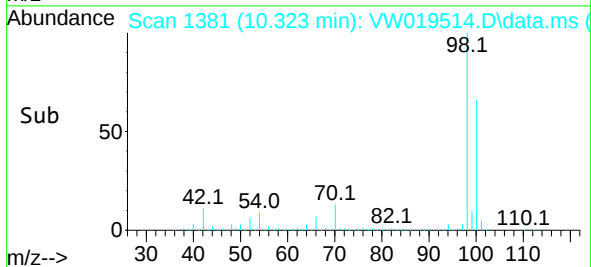
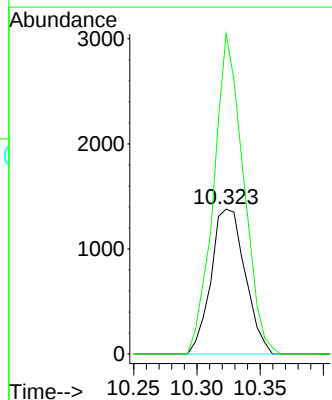
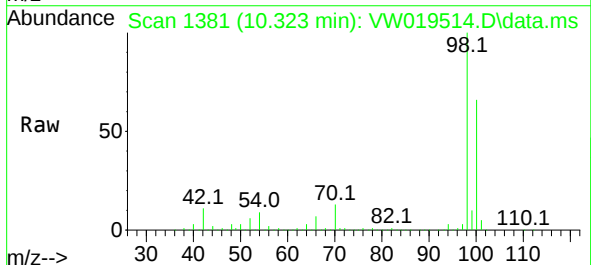
Instrument :
MSVOA_W
ClientSampled :

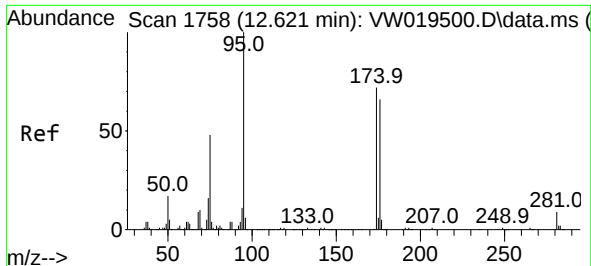
Tgt Ion: 98 Resp: 591066
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
58 193.5 33.4 50.0#

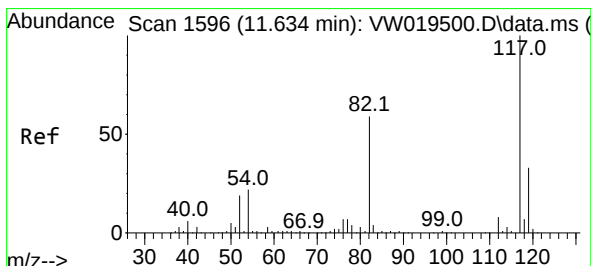
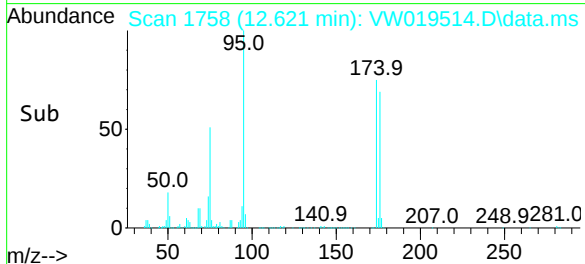
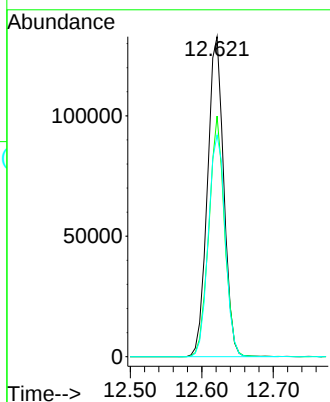
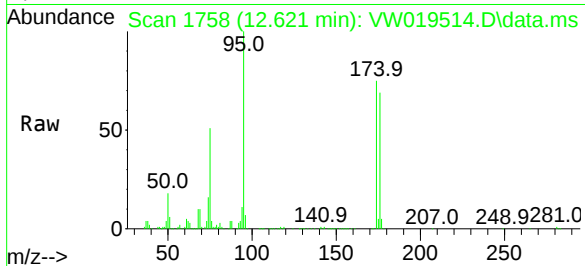




#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

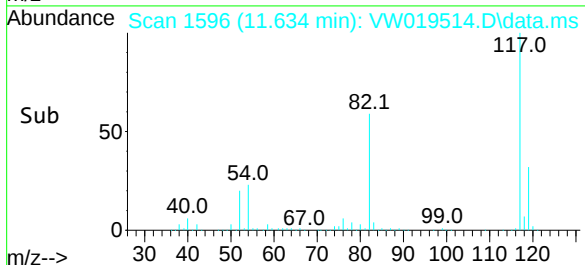
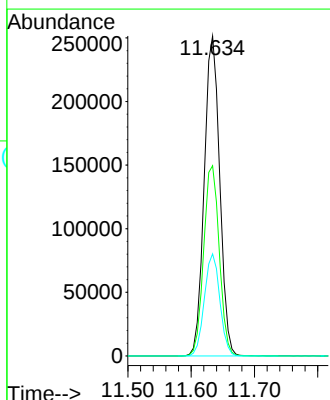
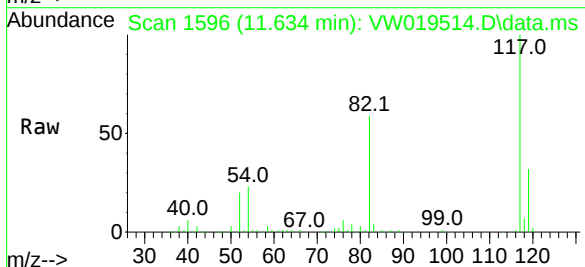
Instrument :
MSVOA_W
ClientSampleId :

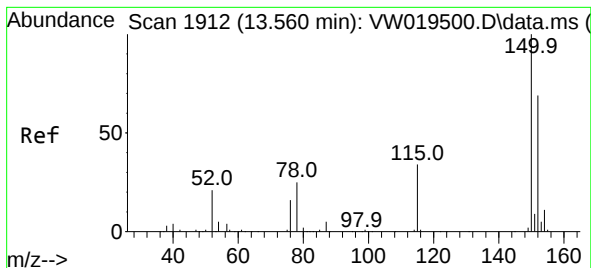
Tgt Ion: 95 Resp: 209973
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.6
176 71.4 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Tgt Ion: 117 Resp: 428561
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.9 26.6 39.8

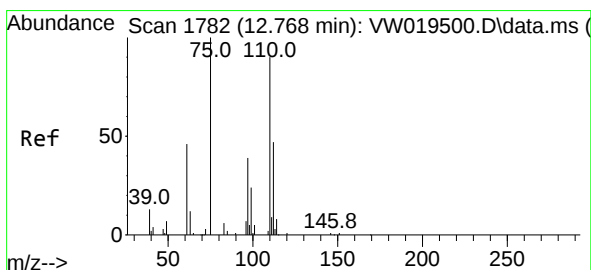
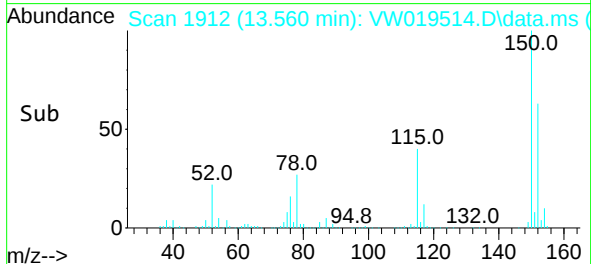
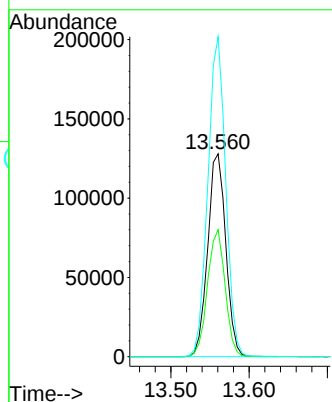
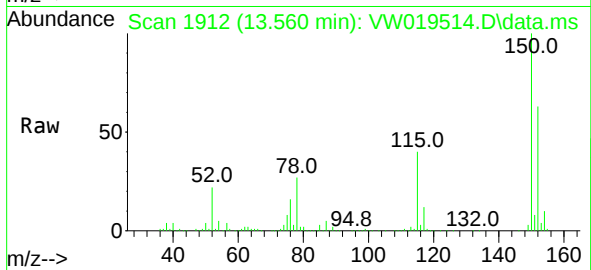




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

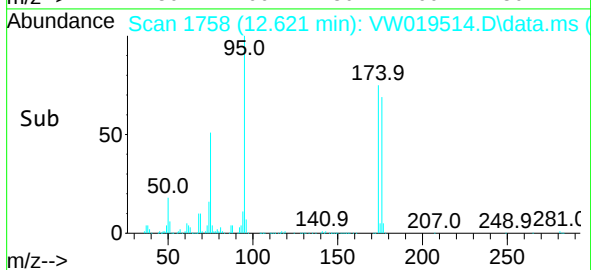
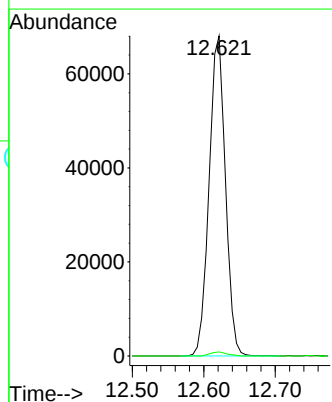
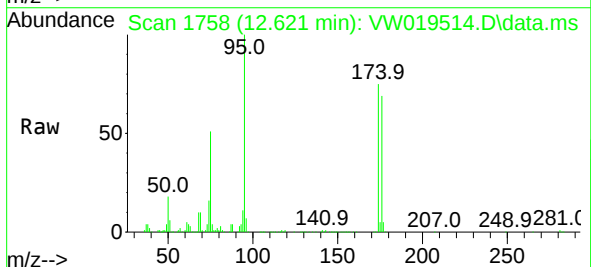
Instrument :
MSVOA_W
ClientSampleId :

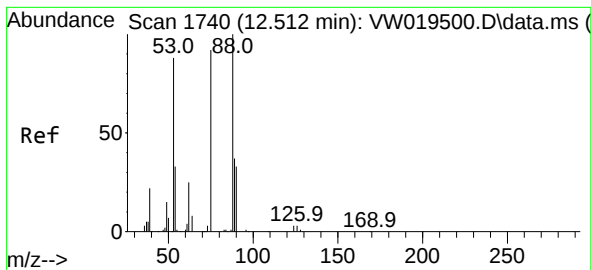
Tgt Ion:152 Resp: 205129
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.8
150 155.2 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 53.252 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

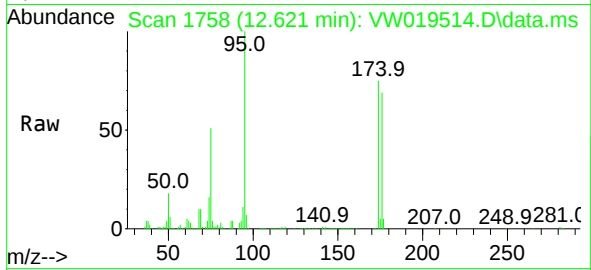
Tgt Ion: 75 Resp: 107960
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.361 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW019514.D
Acq: 20 Jul 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :



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

