

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019270.D
 Acq On : 22 Jun 2021 15:46
 Operator : SY/VA
 Sample : M2772-02
 Misc : 5.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:42:21 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)

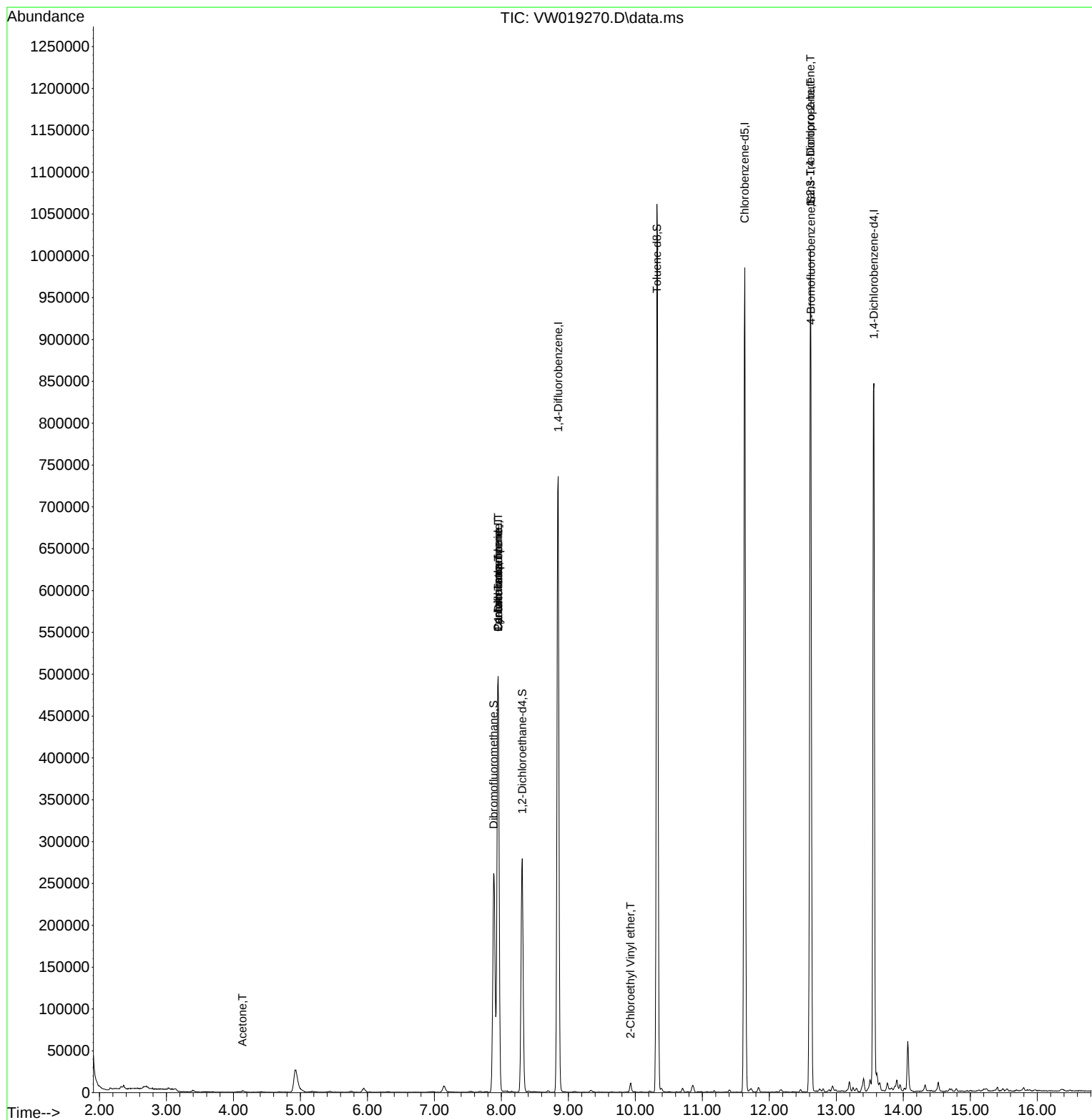
Internal Standards						
1) Pentafluorobenzene	7.951	168	358631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	617634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	532044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	217613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	222641	51.177	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.360%	
35) Dibromofluoromethane	7.884	113	186252	47.345	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.680%	
50) Toluene-d8	10.323	98	687662	43.666	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.340%	
62) 4-Bromofluorobenzene	12.621	95	226562	41.134	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.177	59	1605	Below Cal	#	85
16) Acetone	4.135	43	3185	4.561	ug/l #	81
20) Methylene Chloride	4.927	84	24874	Below Cal		95
31) Cyclohexane	7.951	56	9568	1.293	ug/l #	23
36) 1,1-Dichloropropene	7.951	75	31571	4.830	ug/l #	50
38) Carbon Tetrachloride	7.951	117	37624	6.584	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.926	63	5054	2.675	ug/l	98
76) 1,2,3-Trichloropropane	12.615	75	124832	58.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	124832	142.051	ug/l #	10

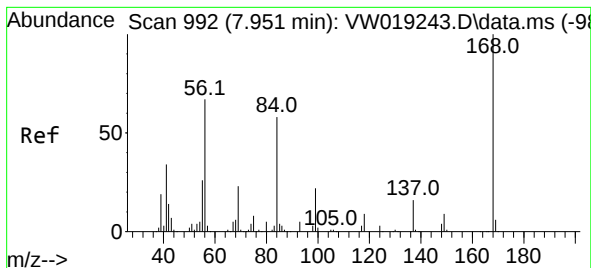
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
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Misc : 5.99G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Jun 23 05:42:21 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

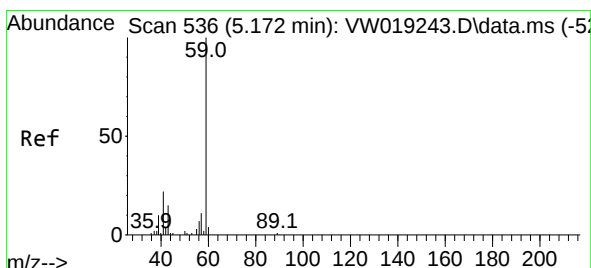
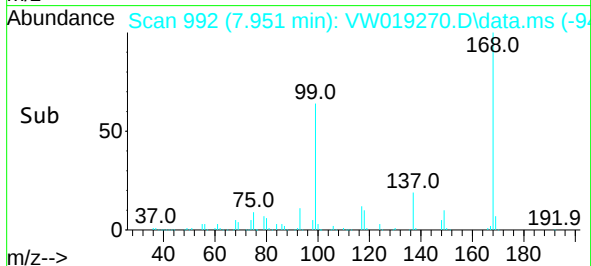
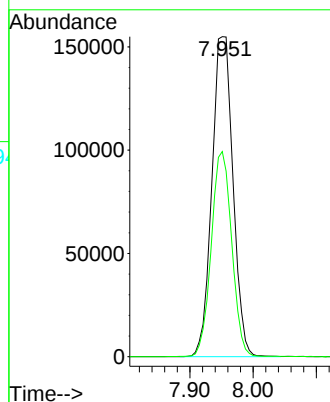
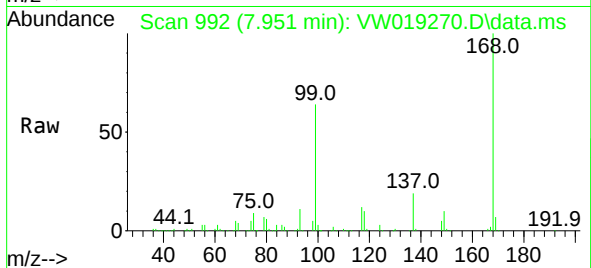




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

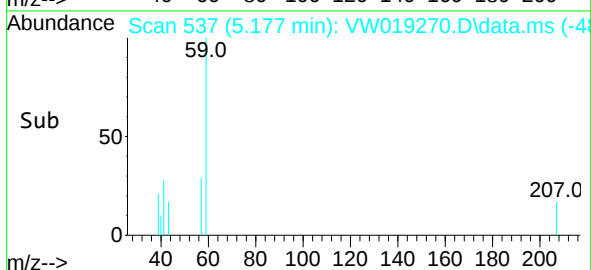
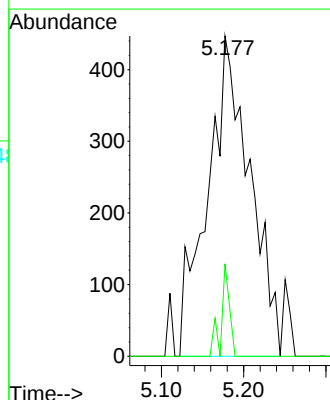
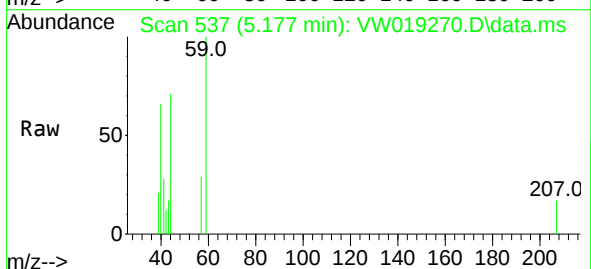
Instrument :
MSVOA_W
ClientSampleId :

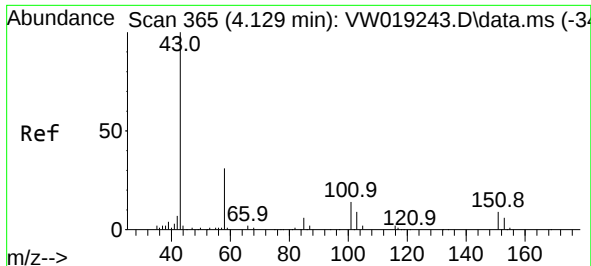
Tgt Ion:168 Resp: 358631
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.177 min Scan# 537
Delta R.T. 0.005 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 59 Resp: 1605
Ion Ratio Lower Upper
59 100
57 5.5 8.9 13.3#

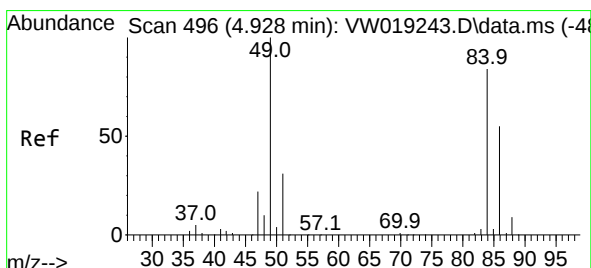
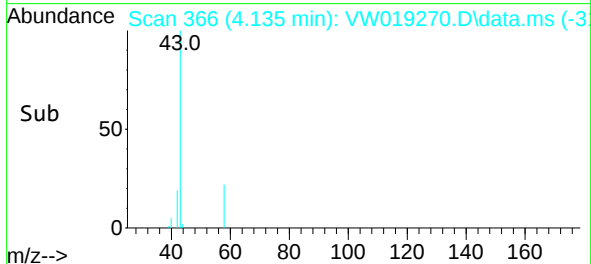
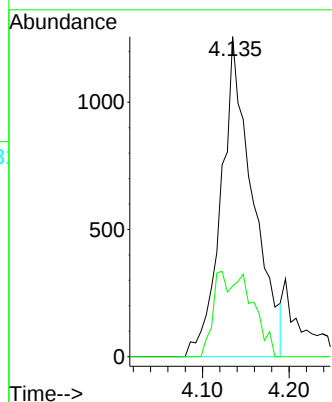
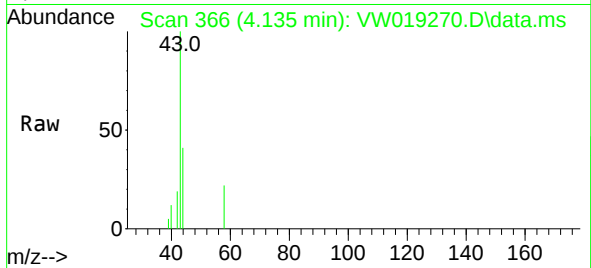




#16
Acetone
Concen: 4.561 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

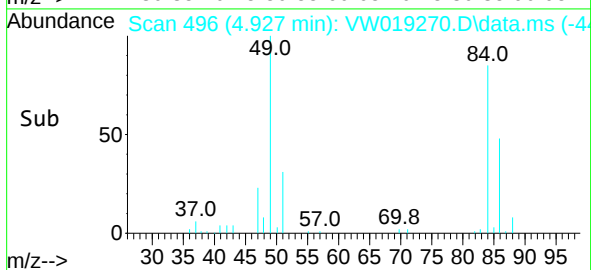
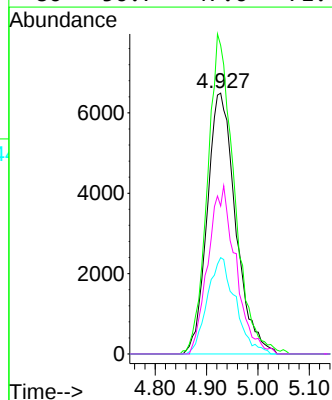
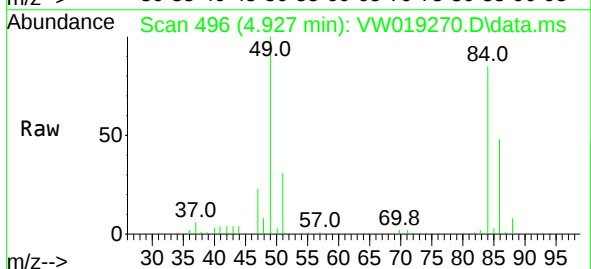
Instrument :
MSVOA_W
ClientSampled :

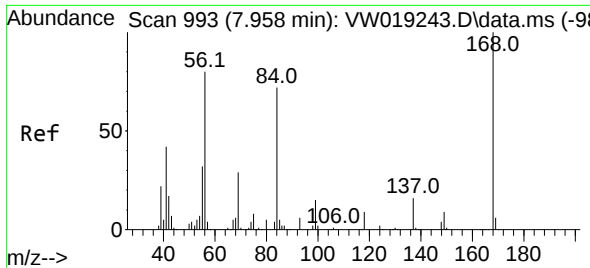
Tgt Ion: 43 Resp: 3185
Ion Ratio Lower Upper
43 100
58 22.1 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.927 min Scan# 496
Delta R.T. -0.001 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 84 Resp: 24874
Ion Ratio Lower Upper
84 100
49 118.2 90.4 135.6
51 37.0 27.1 40.7
86 56.7 47.6 71.4

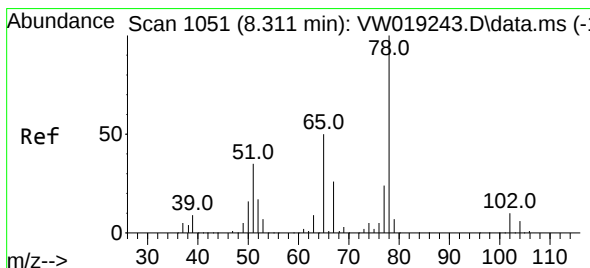
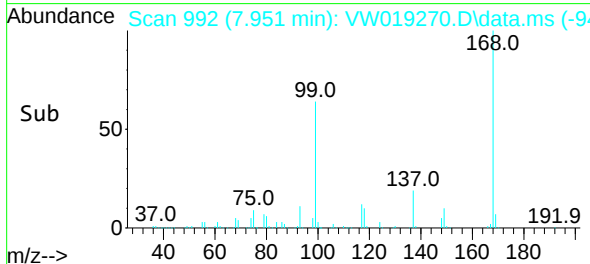
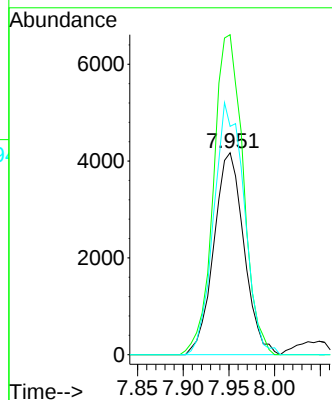
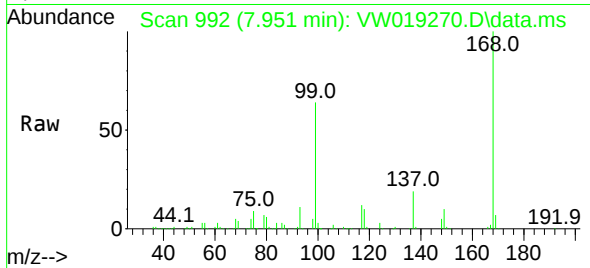




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

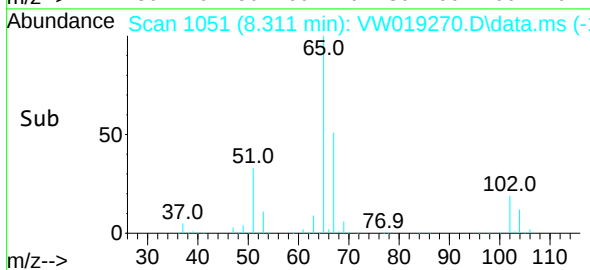
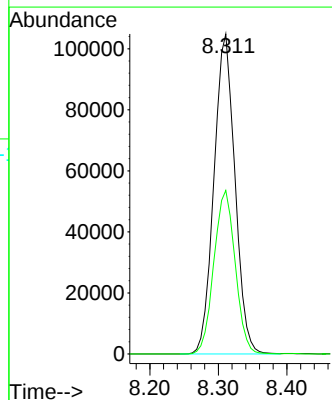
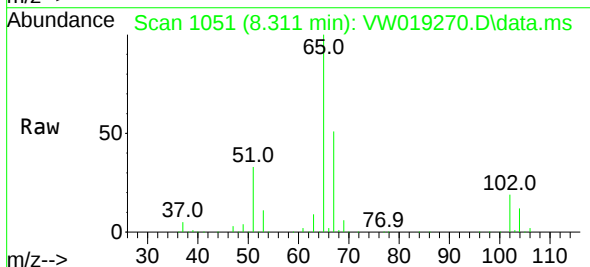
Instrument :
MSVOA_W
ClientSampleId :

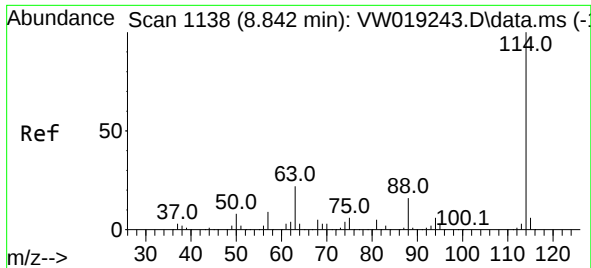
Tgt Ion: 56 Resp: 9568
Ion Ratio Lower Upper
56 100
69 158.5 28.4 42.6#
84 113.0 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 51.177 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 65 Resp: 222641
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

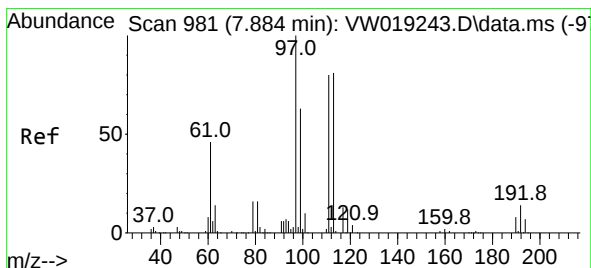
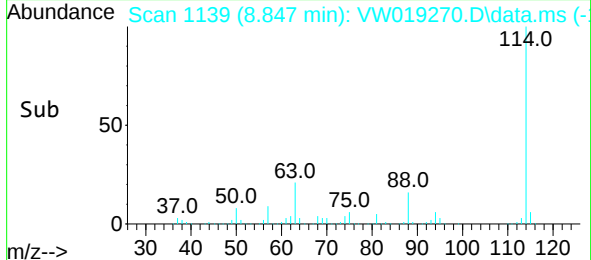
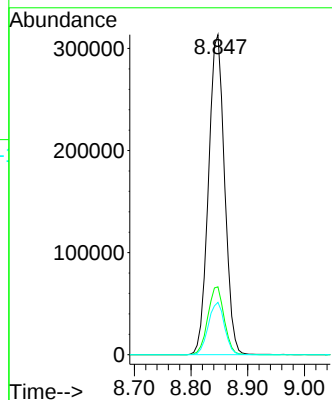
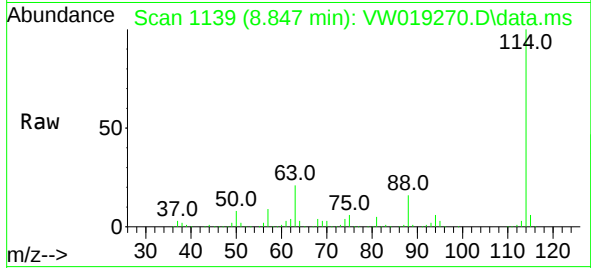




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.005 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

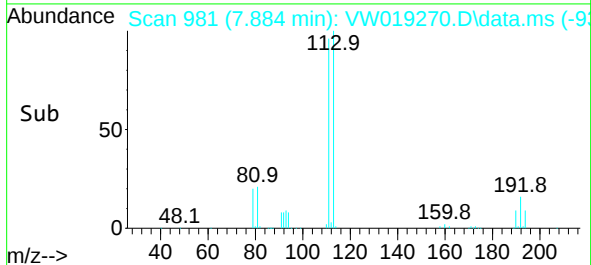
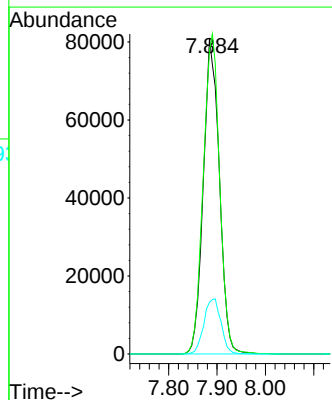
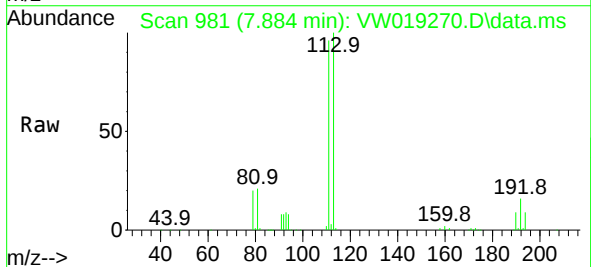
Instrument :
MSVOA_W
ClientSampleId :

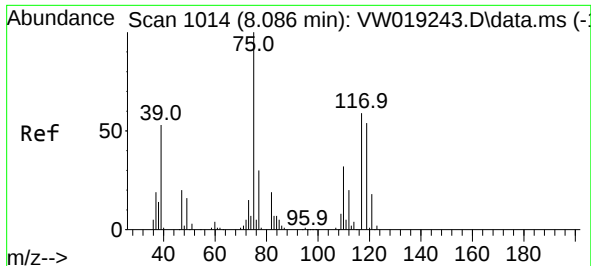
Tgt Ion:114 Resp: 617634
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.345 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion:113 Resp: 186252
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 18.6 15.3 22.9

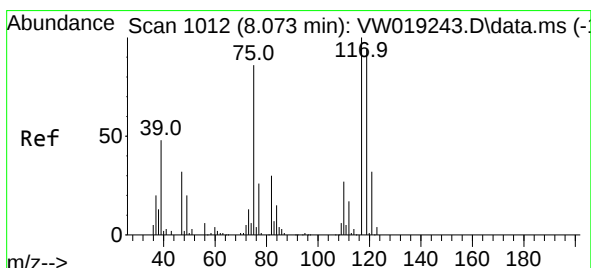
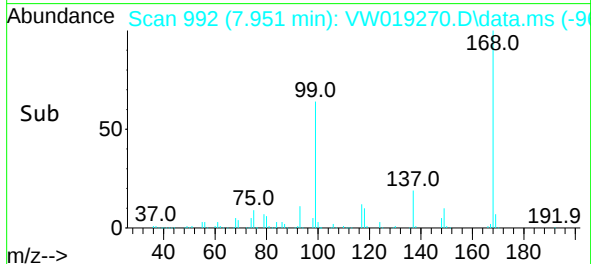
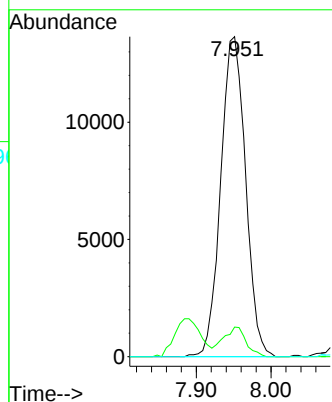
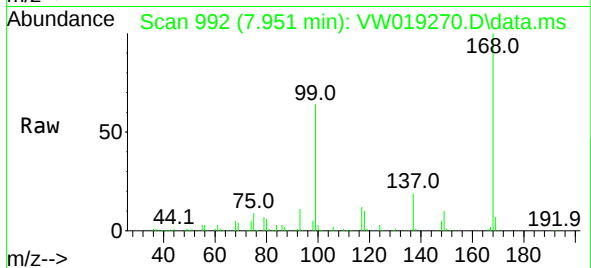




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

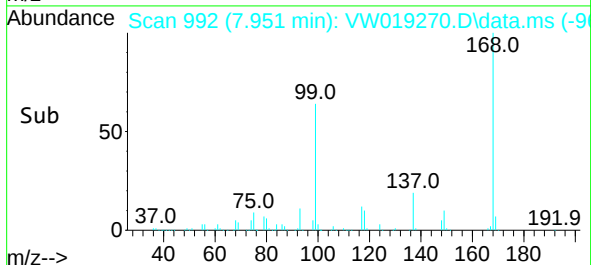
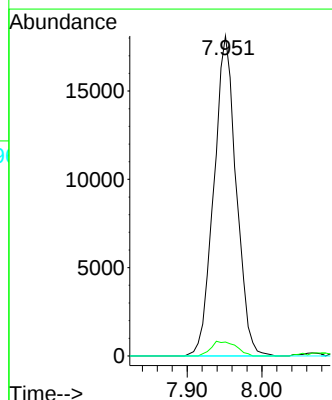
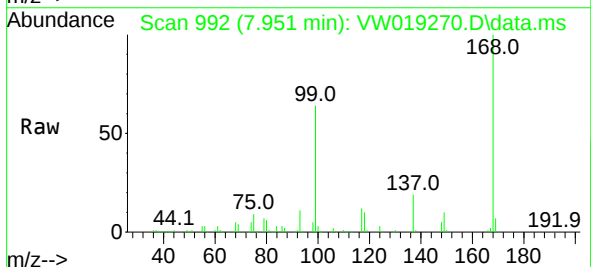
Instrument :
MSVOA_W
ClientSampled :

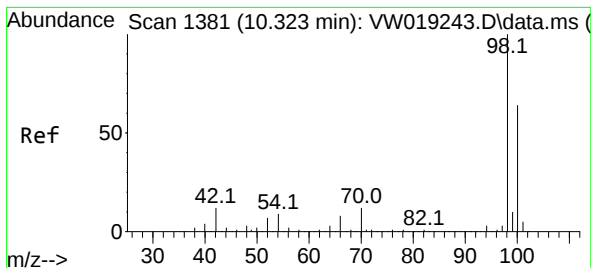
Tgt Ion: 75 Resp: 31571
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 117 Resp: 37624
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.0#
121 0.0 23.6 35.4#

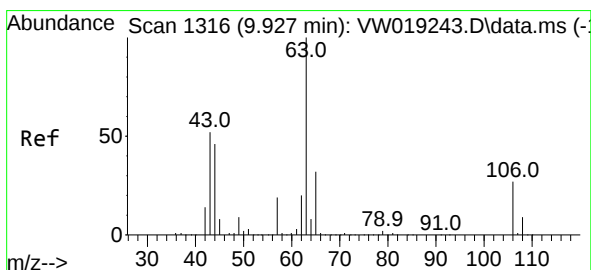
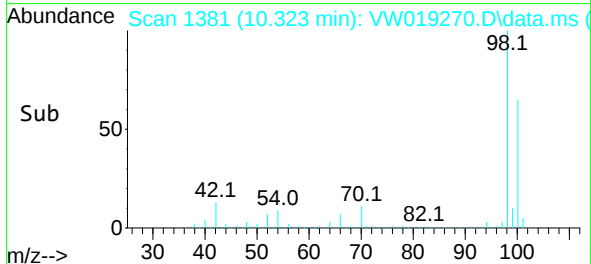
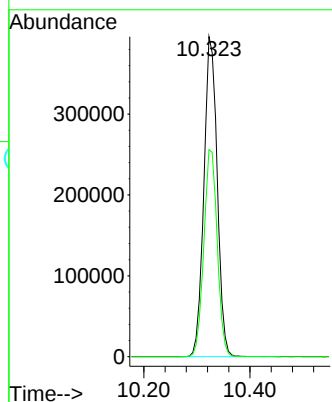
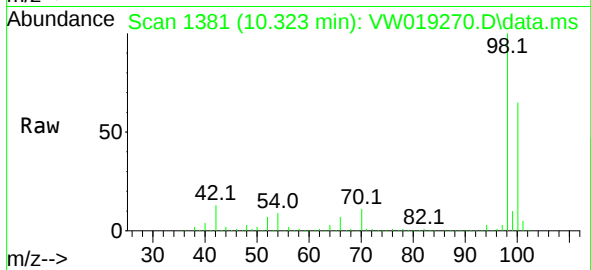




#50
Toluene-d8
Concen: 43.666 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

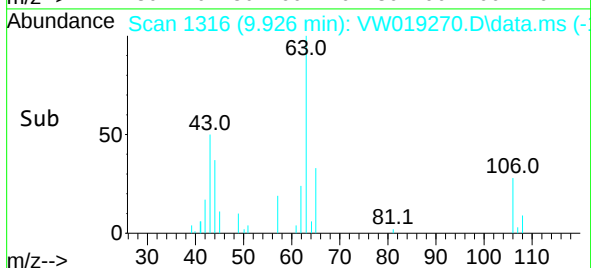
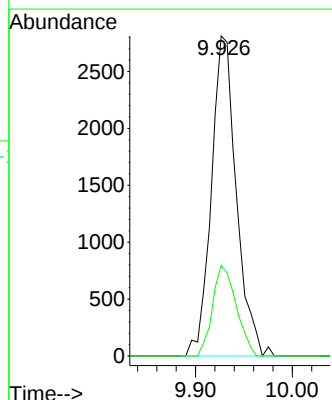
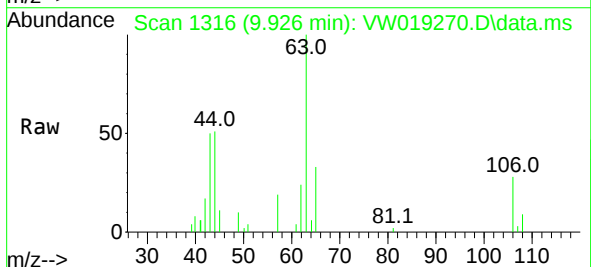
Instrument :
MSVOA_W
ClientSampled :

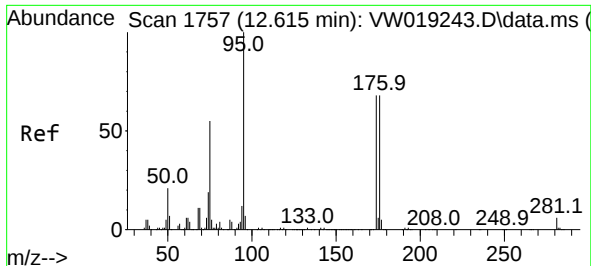
Tgt Ion: 98 Resp: 687662
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#58
2-Chloroethyl Vinyl ether
Concen: 2.675 ug/l
RT: 9.926 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 63 Resp: 5054
Ion Ratio Lower Upper
63 100
106 26.7 22.3 33.5

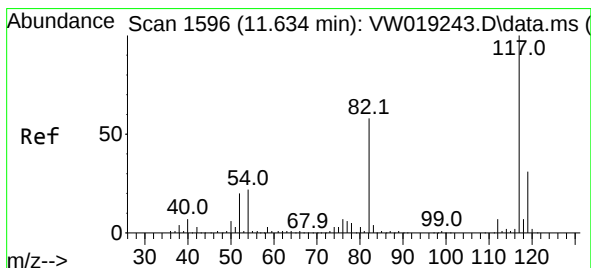
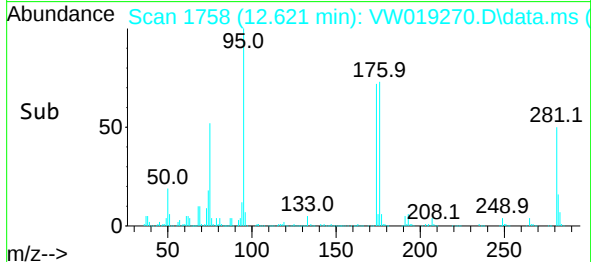
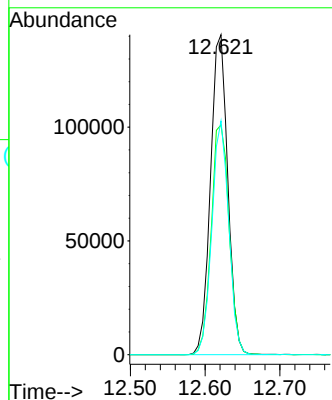
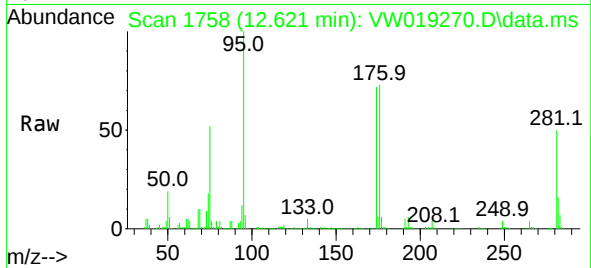




#62
4-Bromofluorobenzene
Concen: 41.134 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

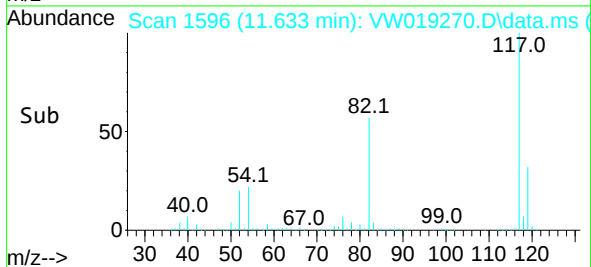
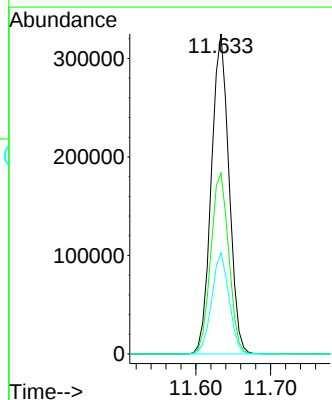
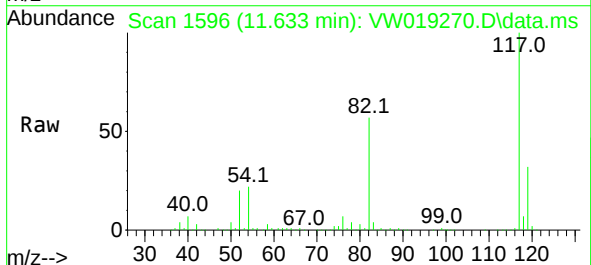
Instrument :
MSVOA_W
ClientSampleId :

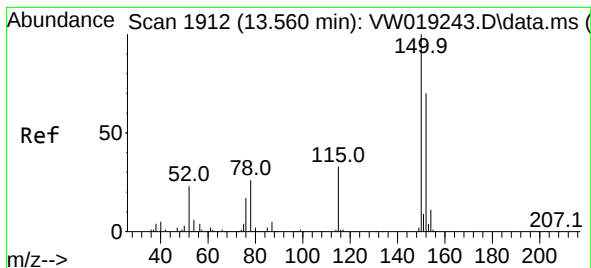
Tgt Ion: 95 Resp: 226562
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.2
176 71.2 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

Tgt Ion: 117 Resp: 532044
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 31.6 24.6 36.8

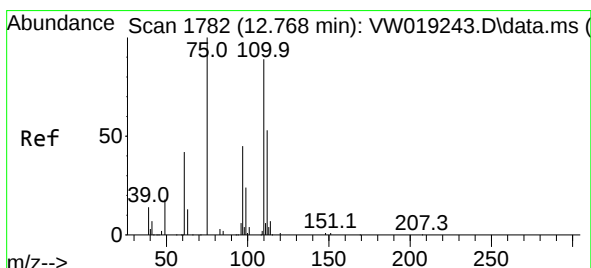
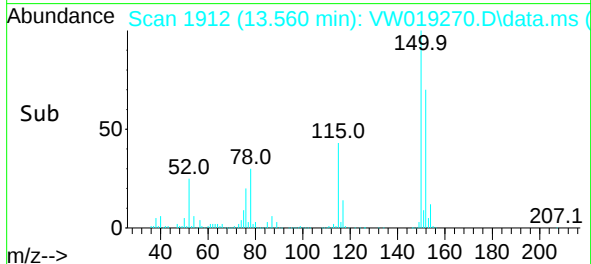
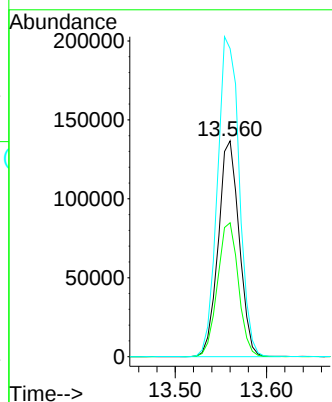
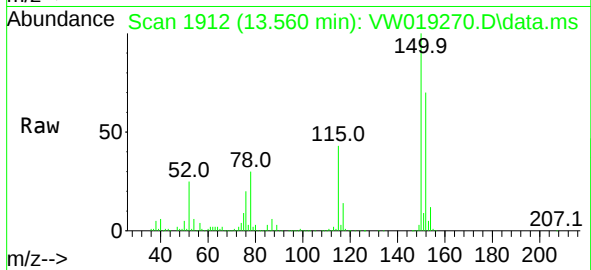




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

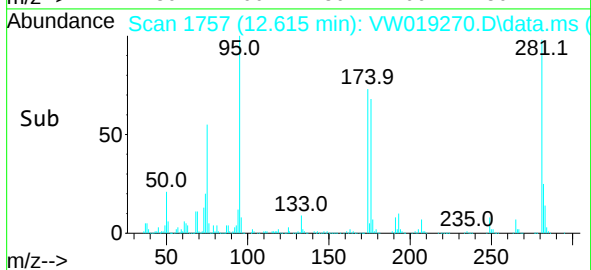
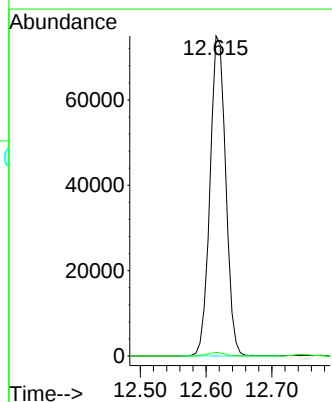
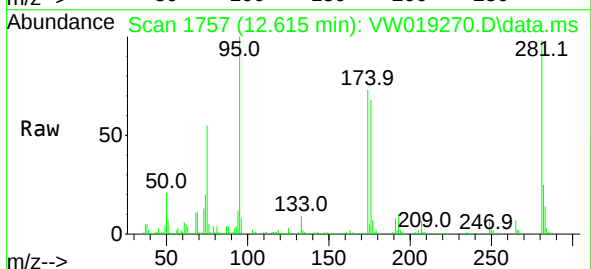
Instrument :
MSVOA_W
ClientSampled :

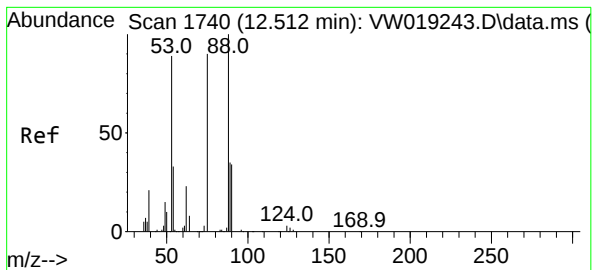
Tgt Ion:152 Resp: 217613
Ion Ratio Lower Upper
152 100
115 62.3 30.3 90.8
150 154.4 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 58.555 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019270.D
Acq: 22 Jun 2021 15:46

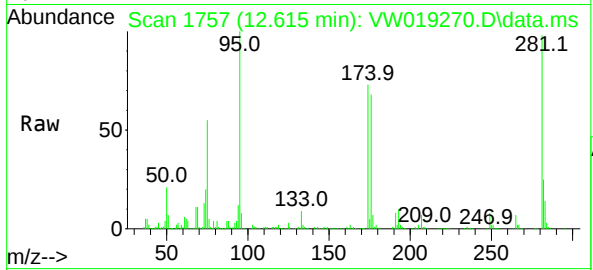
Tgt Ion: 75 Resp: 124832
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.051 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019270.D
 Acq: 22 Jun 2021 15:46

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 124832
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.5 122.3#
 89 1.5 36.3 54.5#

