

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
 Data File : VW018211.D
 Acq On : 19 Feb 2021 14:32
 Operator : SY/VA
 Sample : M1371-21
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Feb 19 17:44:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 19 17:37:31 2021
 Response via : Initial Calibration

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

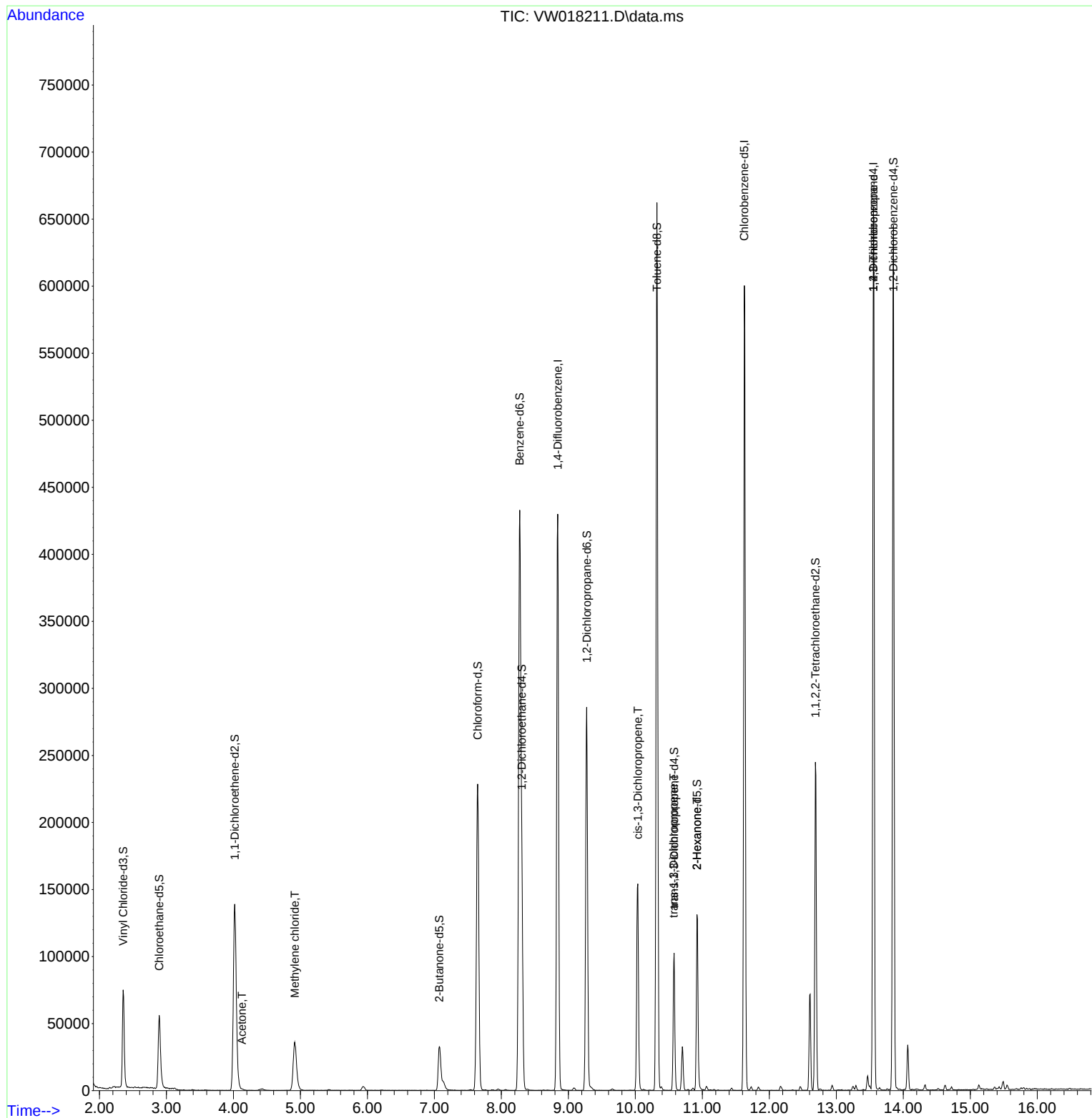
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	390720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	358786	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	191731	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	86480	17.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.24%		
7) Chloroethane-d5	2.891	69	76750	19.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.64%		
10) 1,1-Dichloroethene-d2	4.019	63	148921	15.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.36%		
20) 2-Butanone-d5	7.074	46	56544	43.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.26%		
24) Chloroform-d	7.647	84	243510	23.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.00%		
26) 1,2-Dichloroethane-d4	8.305	65	125768	23.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.12%		
29) Benzene-d6	8.275	84	474860	24.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.40%		
33) 1,2-Dichloropropane-d6	9.274	67	136250	24.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.92%		
37) Toluene-d8	10.323	98	452666	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.60%		
38) trans-1,3-Dichloroprop...	10.579	79	58212	23.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.24%		
39) 2-Hexanone-d5	10.920	63	48285	45.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.68%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	118837	24.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	182983	26.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.00%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	1225	1.28	ug/L	49
16) Methylene chloride	4.915	84	34855	5.57	ug/L	93
42) cis-1,3-Dichloropropene	10.036	75	4042	0.52	ug/L #	69
45) trans-1,3-Dichloropropene	10.573	75	2661	0.39	ug/L	85
49) 2-Hexanone	10.920	43	5132	2.47	ug/L #	58
59) 1,2,3-Trichloropropane	13.554	75	19137	5.20	ug/L	98

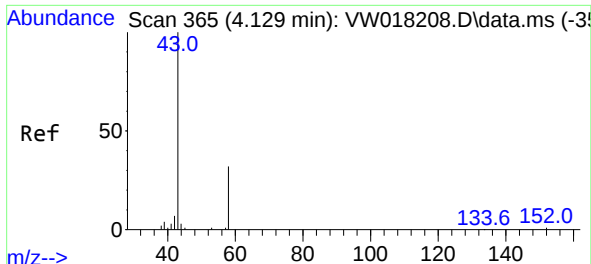
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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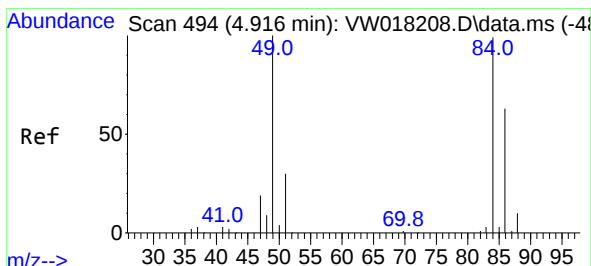
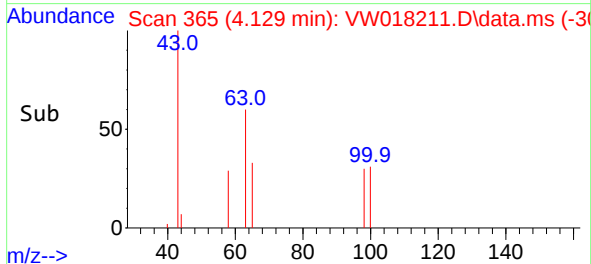
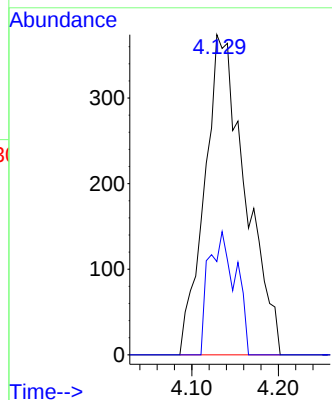
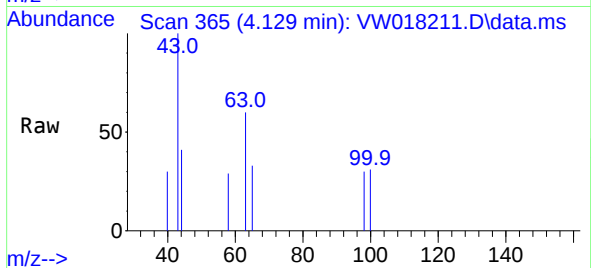




#13
Acetone
Concen: 1.28 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32

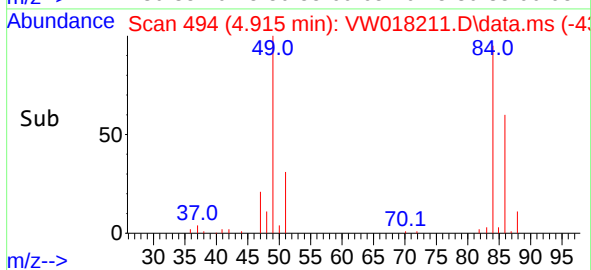
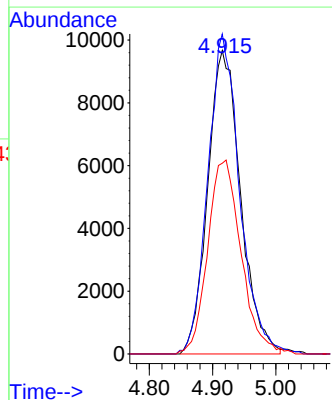
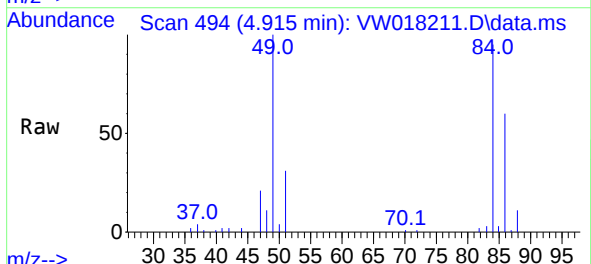
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

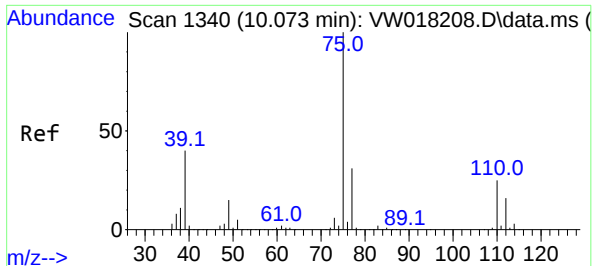
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 4.8 0.0 68.4



#16
Methylene chloride
Concen: 5.57 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32

Tgt Ion: 84 Resp: 34855
Ion Ratio Lower Upper
84 100
49 105.5 81.2 150.8
86 62.9 44.5 82.7

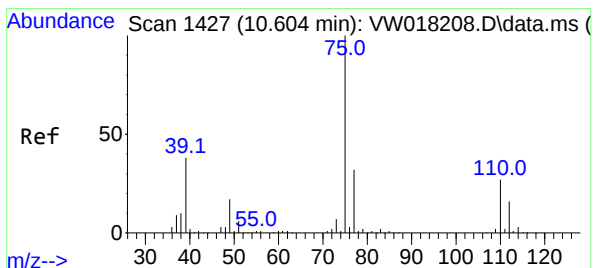
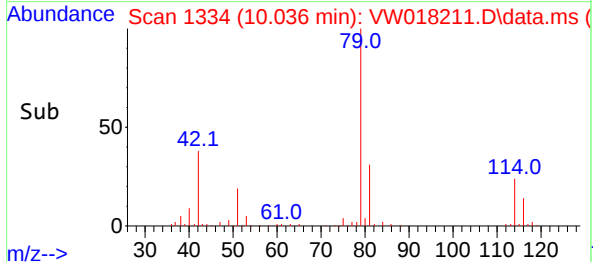
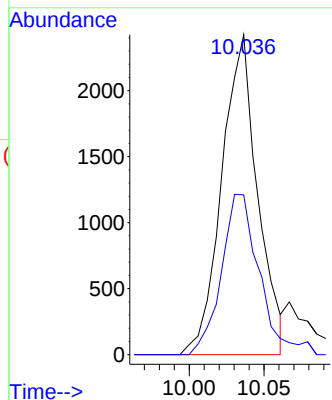
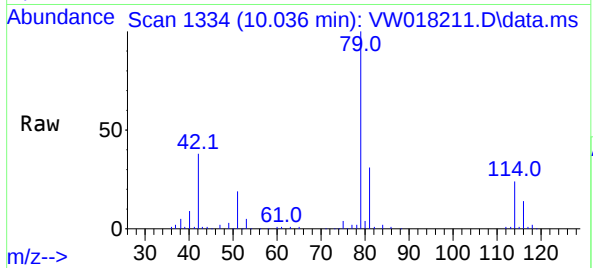




#42
cis-1,3-Dichloropropene
Concen: 0.52 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32

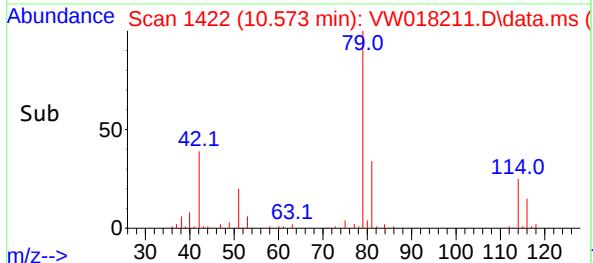
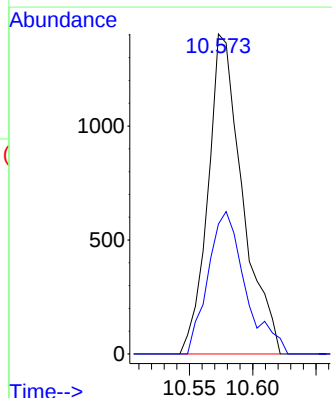
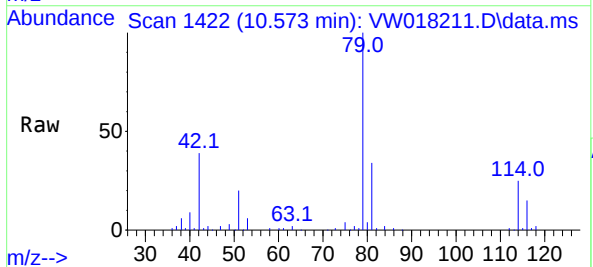
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

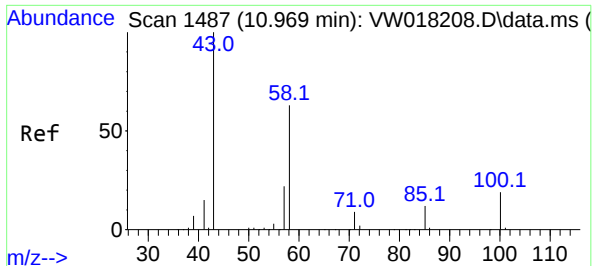
Tgt Ion: 75 Resp: 4042
Ion Ratio Lower Upper
75 100
77 50.0 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32

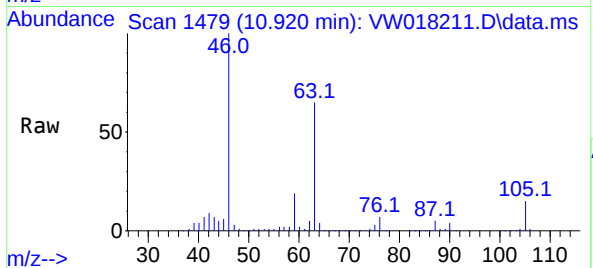
Tgt Ion: 75 Resp: 2661
Ion Ratio Lower Upper
75 100
77 40.6 22.6 42.0





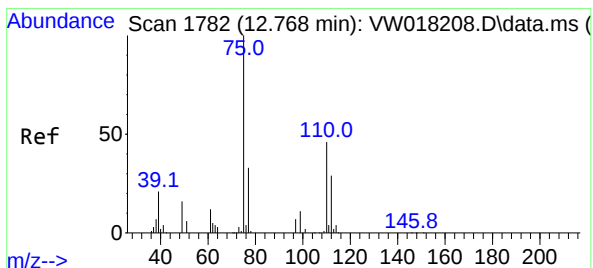
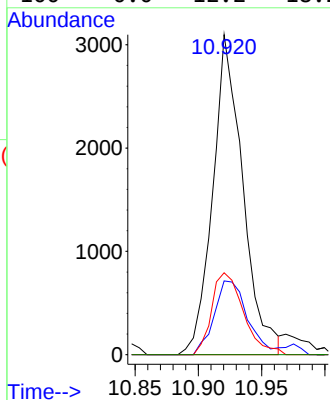
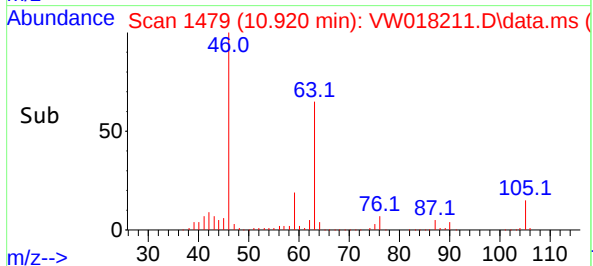
#49
2-Hexanone
Concen: 2.47 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

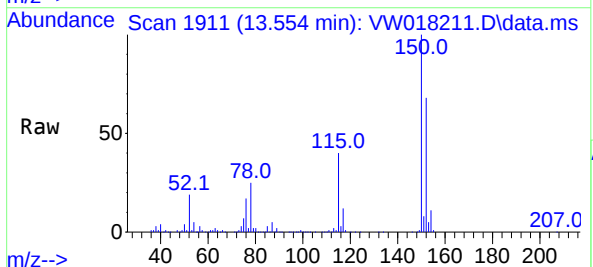


Tgt Ion: 43 Resp: 5132

Ion	Ratio	Lower	Upper
43	100		
58	25.2	51.3	76.9#
57	27.0	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 5.20 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018211.D
Acq: 19 Feb 2021 14:32



Tgt Ion: 75 Resp: 19137

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.6	39.8

