

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018078.D
 Acq On : 11 Feb 2021 12:25
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Feb 12 02:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 02:37:00 2021
 Response via : Initial Calibration

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

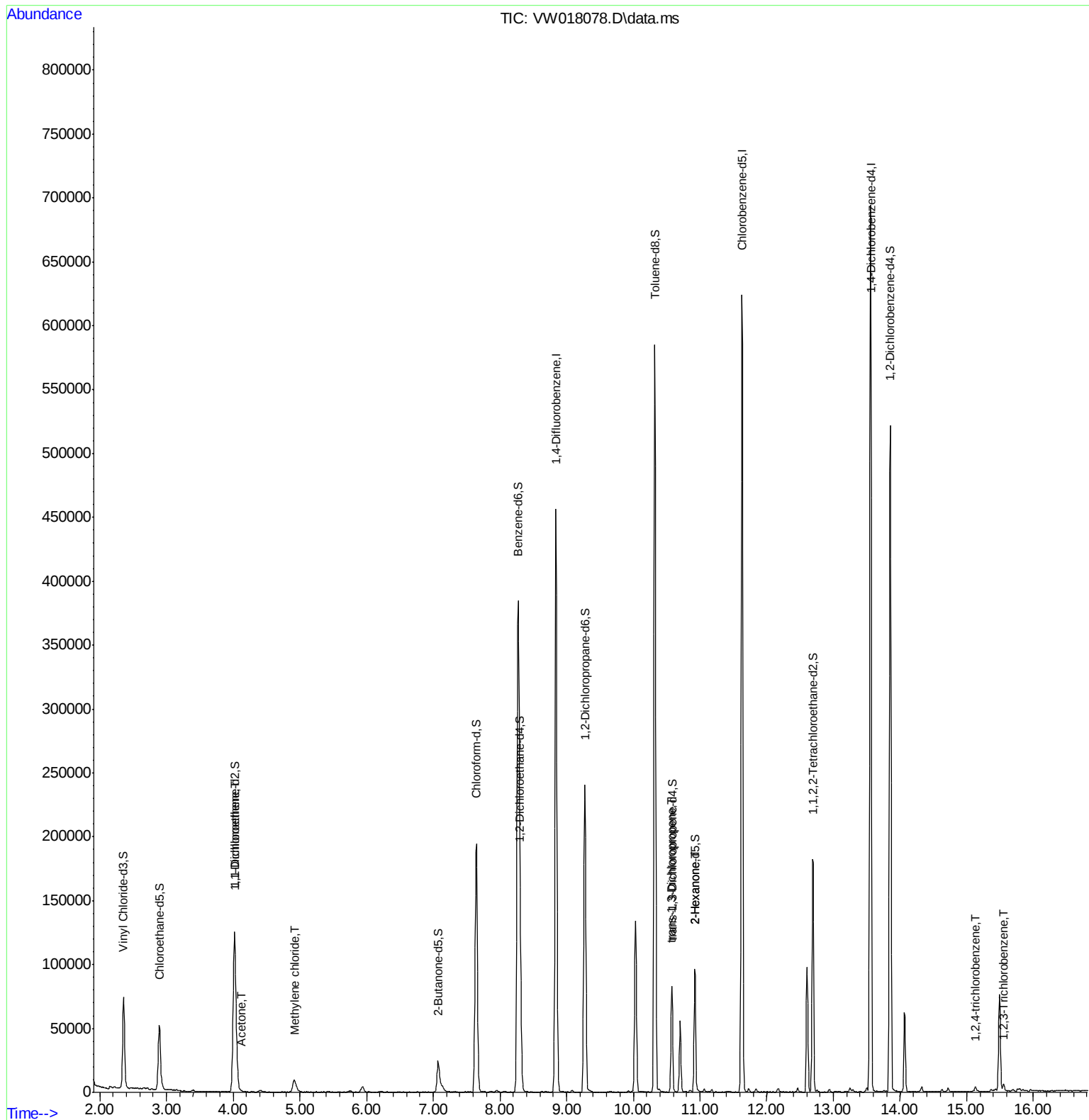
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	373285	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	197178	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85528	16.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.96%		
7) Chloroethane-d5	2.891	69	70184	17.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.24%		
10) 1,1-Dichloroethene-d2	4.019	63	137184	13.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.72%		
20) 2-Butanone-d5	7.074	46	42000	30.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.62%		
24) Chloroform-d	7.647	84	207429	19.23	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.92%		
26) 1,2-Dichloroethane-d4	8.305	65	106176	18.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.92%		
29) Benzene-d6	8.275	84	412401	20.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.48%		
33) 1,2-Dichloropropane-d6	9.274	67	114261	19.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.72%		
37) Toluene-d8	10.323	98	396089	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.24%		
38) trans-1,3-Dichloroprop...	10.579	79	48947	18.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.36%		
39) 2-Hexanone-d5	10.920	63	34597	31.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.14%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	91716	18.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	149679	21.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.12%		
Target Compounds						
12) 1,1-Dichloroethene	4.025	96	1476	0.27	ug/L #	1
13) Acetone	4.123	43	1093	1.08	ug/L	65
16) Methylene chloride	4.922	84	9050	1.37	ug/L	83
45) trans-1,3-Dichloropropene	10.573	75	2386	0.34	ug/L #	72
49) 2-Hexanone	10.920	43	3853	1.78	ug/L #	61
68) 1,2,4-trichlorobenzene	15.133	180	1723	0.21	ug/L #	97
70) 1,2,3-Trichlorobenzene	15.554	180	2151	0.30	ug/L	92

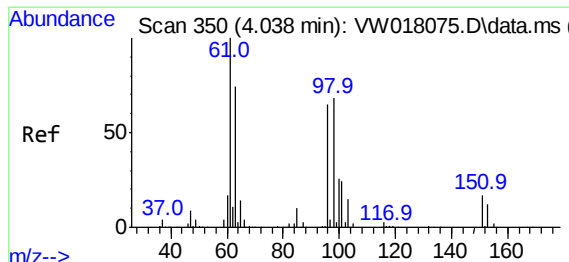
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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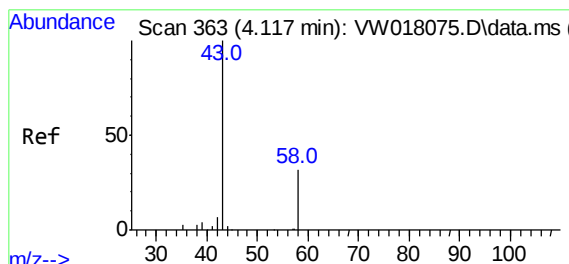
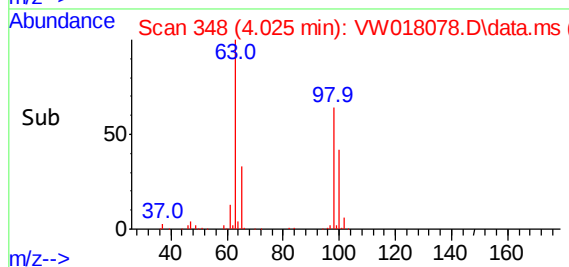
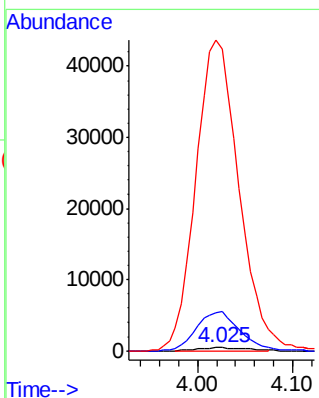
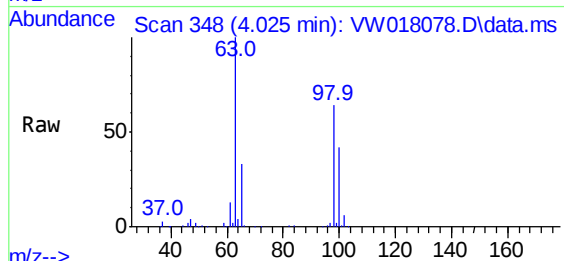




#12
1,1-Dichloroethene
Concen: 0.27 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.012 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

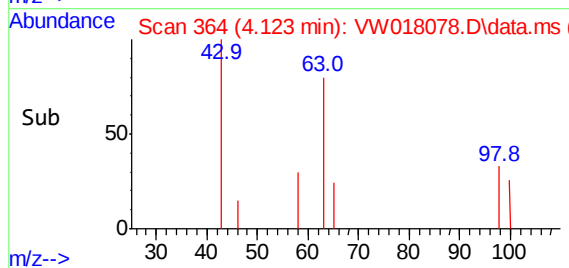
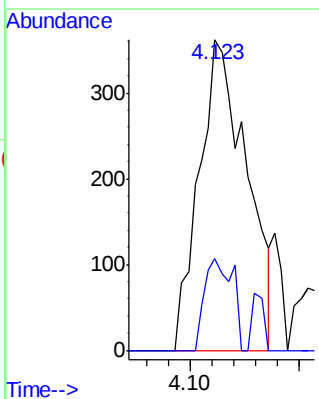
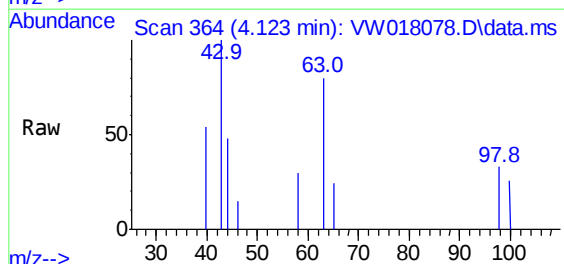
Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

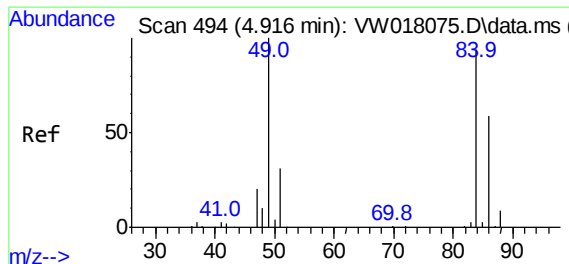
Tgt Ion: 96 Resp: 1476
Ion Ratio Lower Upper
96 100
61 1198.7 112.5 208.9#
63 9174.9 83.1 154.3#



#13
Acetone
Concen: 1.08 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 14.1 0.0 68.4



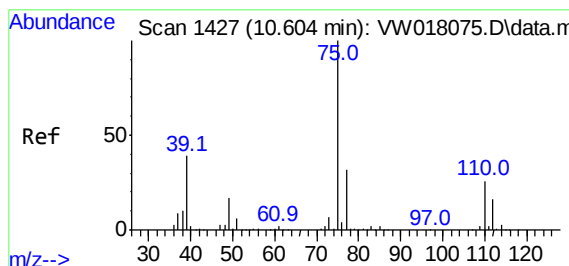
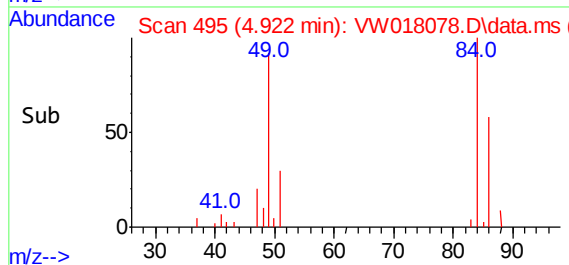
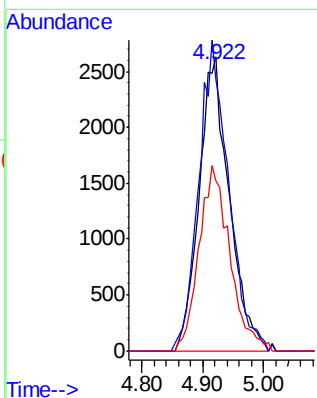
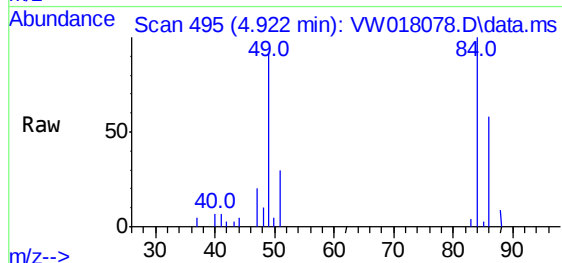


#16
Methylene chloride
Concen: 1.37 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

Tgt Ion: 84 Resp: 9050

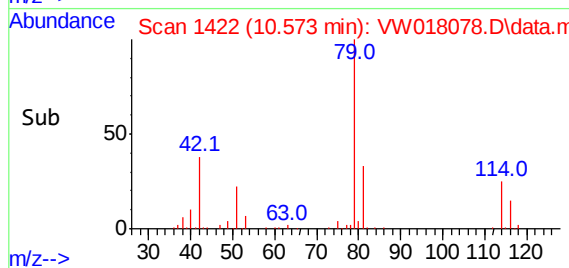
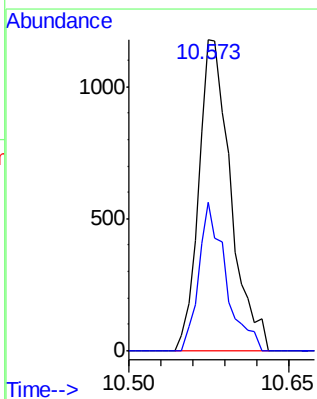
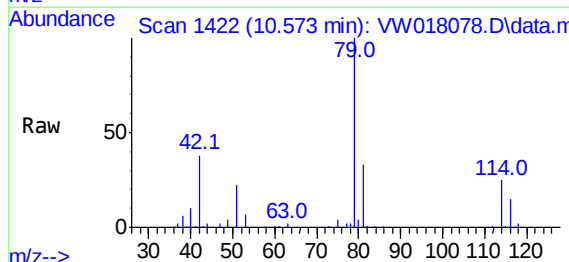
Ion	Ratio	Lower	Upper
84	100		
49	92.0	81.2	150.8
86	57.7	44.5	82.7

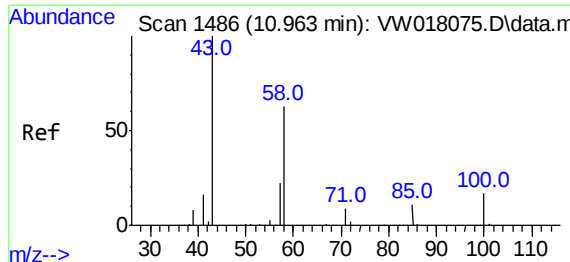


#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

Tgt Ion: 75 Resp: 2386

Ion	Ratio	Lower	Upper
75	100		
77	47.8	22.6	42.0



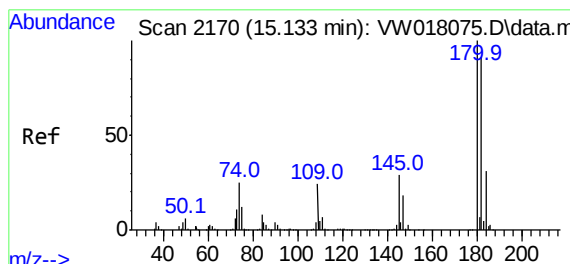
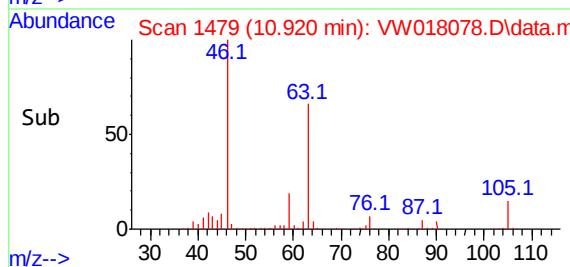
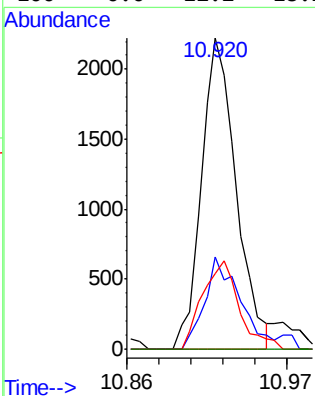
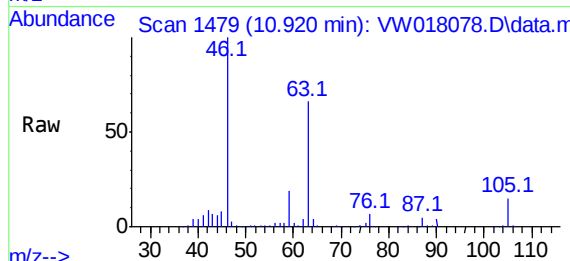


#49
2-Hexanone
Concen: 1.78 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.043 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

Tgt Ion: 43 Resp: 3853

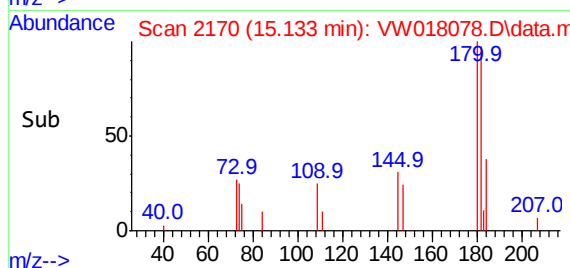
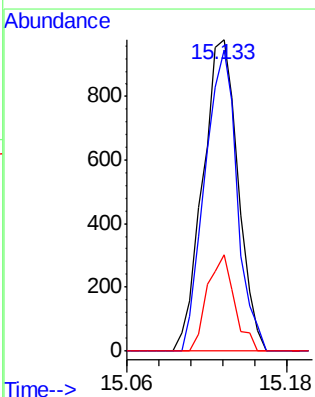
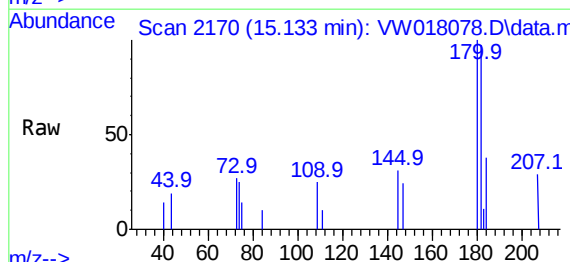
Ion	Ratio	Lower	Upper
43	100		
58	30.4	51.3	76.9#
57	30.0	15.0	22.6#
100	0.0	12.2	18.2#

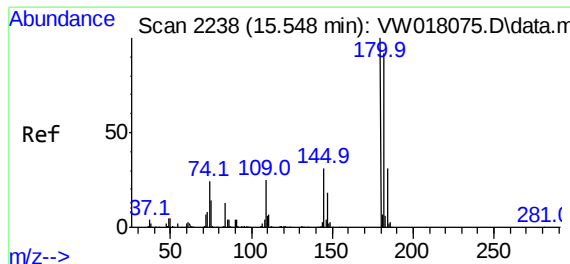


#68
1,2,4-trichlorobenzene
Concen: 0.21 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW018078.D
Acq: 11 Feb 2021 12:25

Tgt Ion: 180 Resp: 1723

Ion	Ratio	Lower	Upper
180	100		
182	88.9	71.3	106.9
145	23.9	24.0	36.0#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.30 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW018078.D
 Acq: 11 Feb 2021 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Tgt Ion:180 Resp: 2151

Ion	Ratio	Lower	Upper
180	100		
182	84.1	74.7	112.1
145	30.0	25.4	38.0

