

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018484.D
 Acq On : 29 Mar 2021 14:29
 Operator : SY/VA
 Sample : M1816-15
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P8

Quant Time: Mar 30 03:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

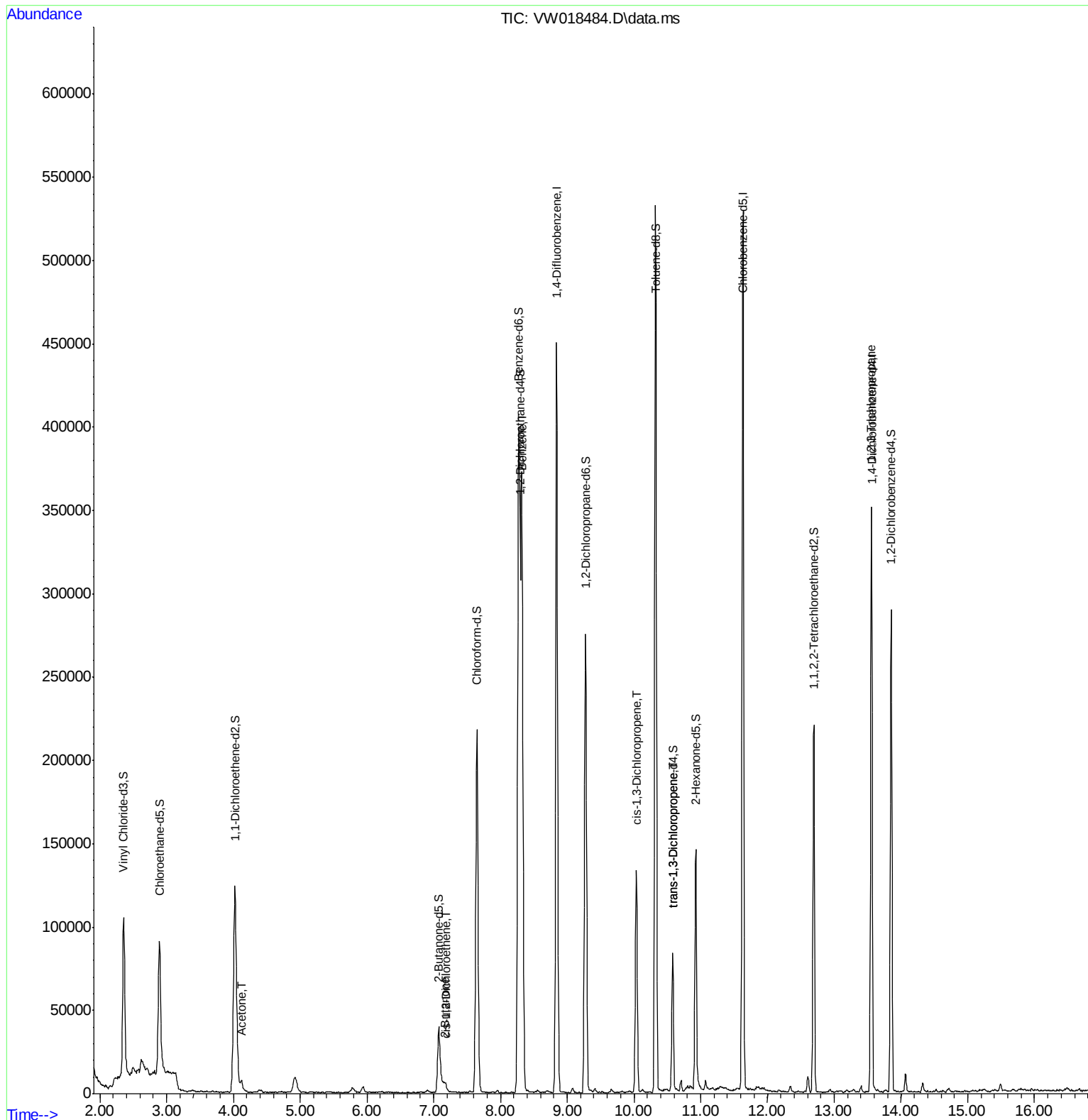
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	82690	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	119575	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.76%		
7) Chloroethane-d5	2.892	69	106952	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.76%		
10) 1,1-Dichloroethene-d2	4.026	63	139267	15.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.88%		
20) 2-Butanone-d5	7.080	46	65267	56.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.48%		
24) Chloroform-d	7.647	84	217055	22.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.00%		
26) 1,2-Dichloroethane-d4	8.305	65	135410	24.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.24%		
29) Benzene-d6	8.275	84	403766	27.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.24%		
33) 1,2-Dichloropropane-d6	9.275	67	120619	28.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.08%		
37) Toluene-d8	10.323	98	343206	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.56%		
38) trans-1,3-Dichloroprop...	10.579	79	44017	19.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.32%		
39) 2-Hexanone-d5	10.927	63	50527	59.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.96%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	102588	26.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	69388	23.60	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.40%		
Target Compounds						
13) Acetone	4.123	43	7947	9.53	ug/L	91
21) 2-Butanone	7.165	43	1347	1.02	ug/L	75
22) cis-1,2-Dichloroethene	7.177	96	1516	0.28	ug/L #	71
34) Benzene	8.324	78	273506	16.83	ug/L	100
42) cis-1,3-Dichloropropene	10.037	75	4092	0.61	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	2361	0.39	ug/L	96
59) 1,2,3-Trichloropropane	13.554	75	12031	4.15	ug/L	90

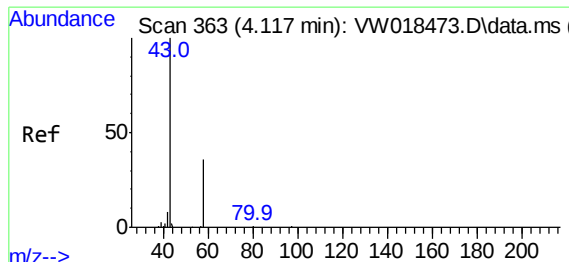
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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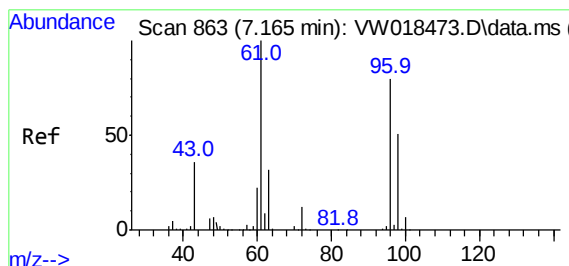
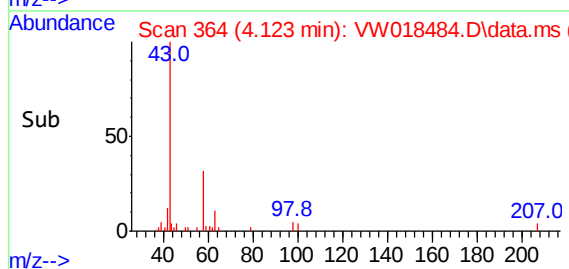
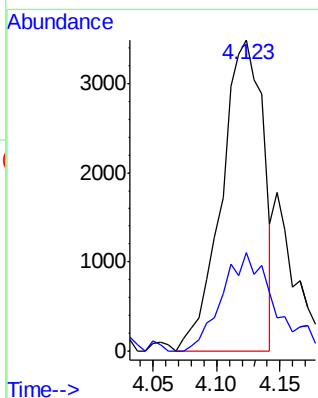
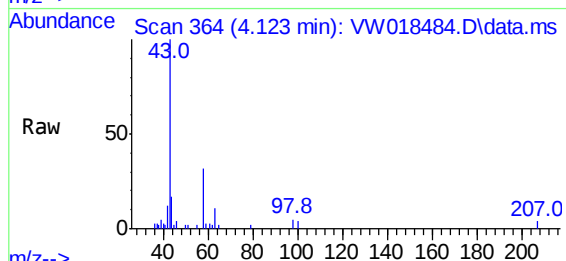




#13
Acetone
Concen: 9.53 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018484.D
Acq: 29 Mar 2021 14:29

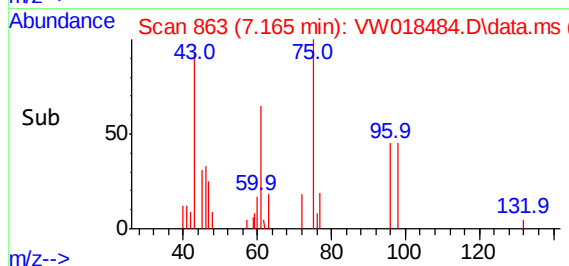
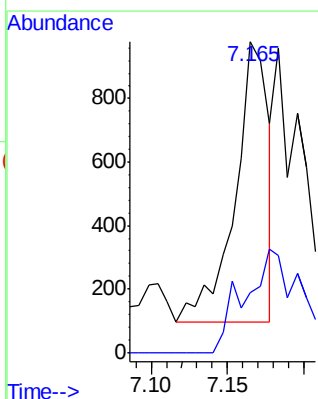
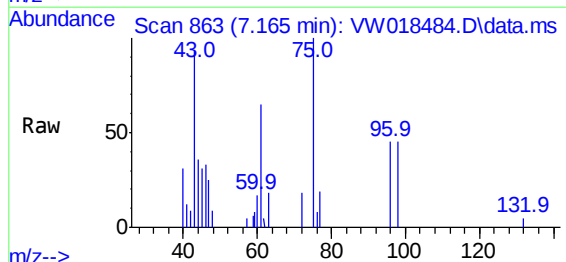
Instrument :
MSVOA_W
ClientSampled :
BG3P8

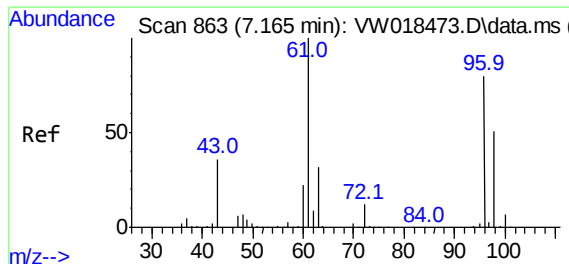
Tgt Ion: 43 Resp: 7947
Ion Ratio Lower Upper
43 100
58 36.2 0.0 62.2



#21
2-Butanone
Concen: 1.02 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018484.D
Acq: 29 Mar 2021 14:29

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
72 18.8 16.5 49.5

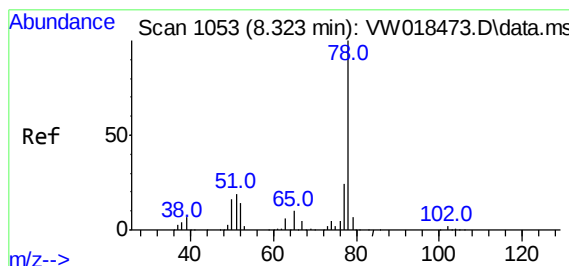
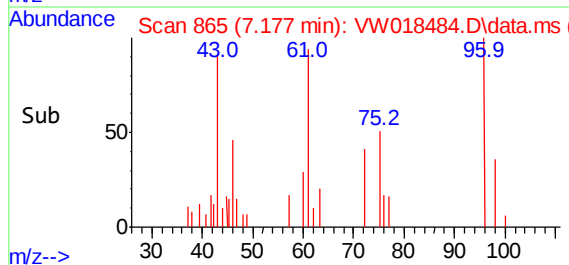
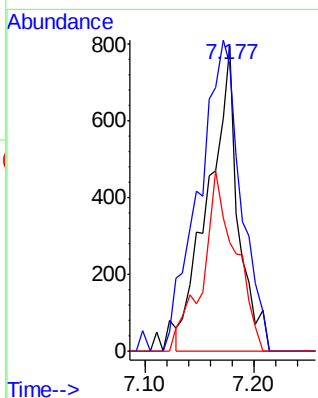
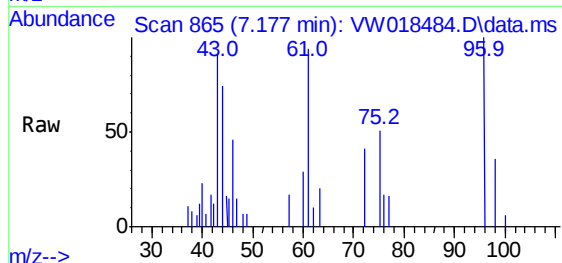




#22
 cis-1,2-Dichloroethene
 Concen: 0.28 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.012 min
 Lab File: VW018484.D
 Acq: 29 Mar 2021 14:29

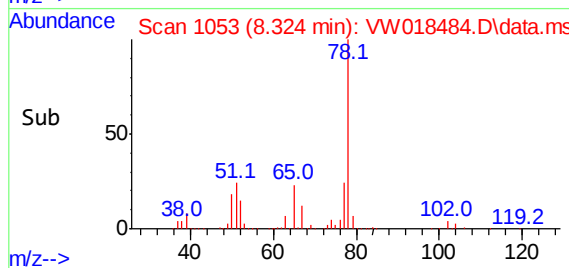
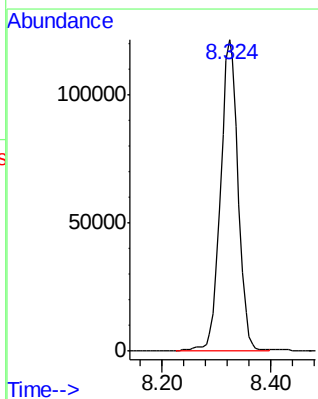
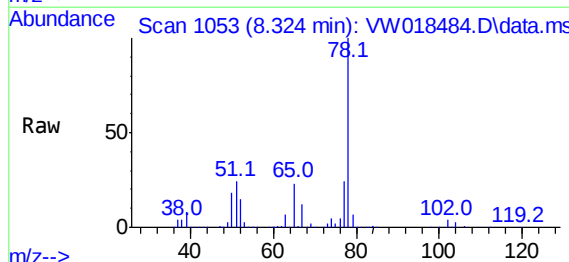
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P8

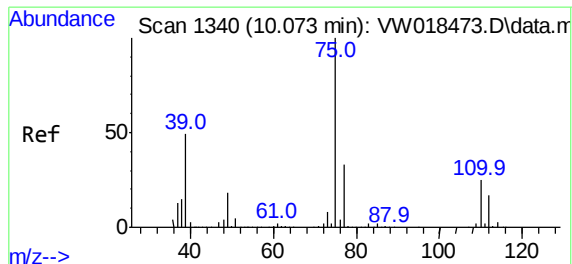
Tgt Ion: 96 Resp: 1516
 Ion Ratio Lower Upper
 96 100
 61 93.8 84.8 157.6
 98 35.5 45.1 83.9#



#34
 Benzene
 Concen: 16.83 ug/L
 RT: 8.324 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VW018484.D
 Acq: 29 Mar 2021 14:29

Tgt Ion: 78 Resp: 273506

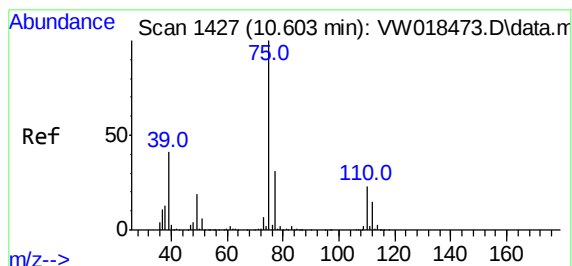
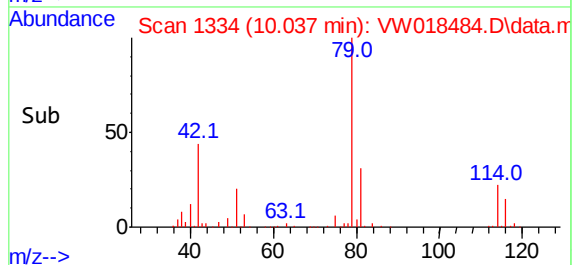
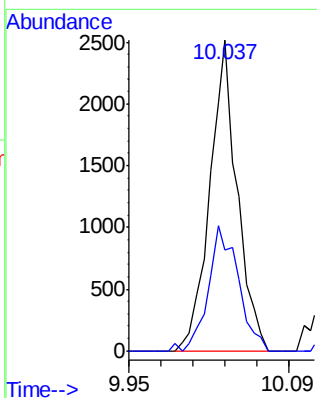
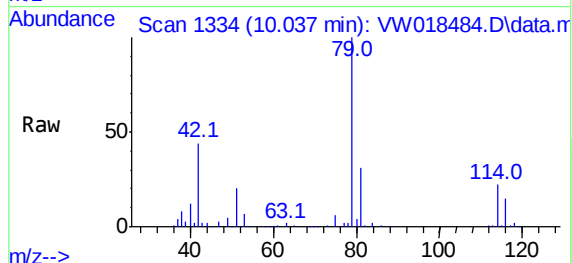




#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018484.D
Acq: 29 Mar 2021 14:29

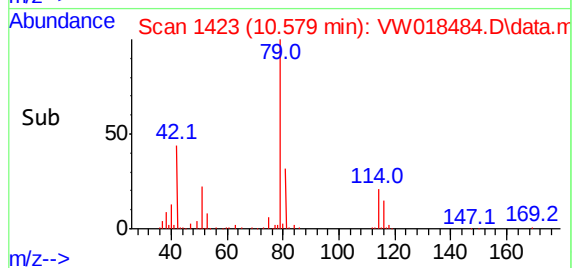
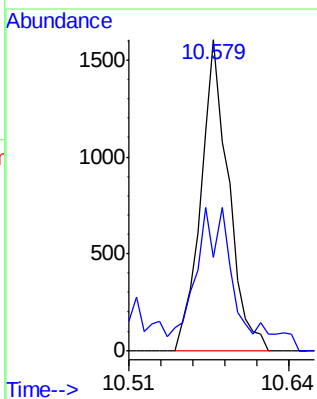
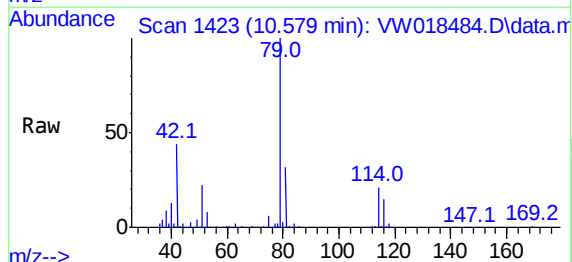
Instrument :
MSVOA_W
ClientSampled :
BG3P8

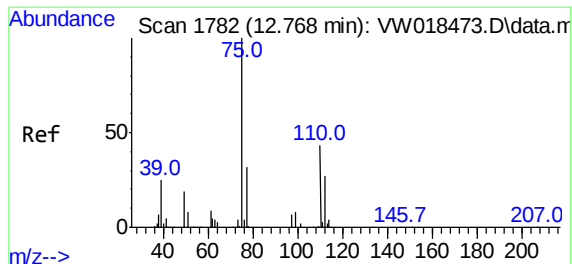
Tgt Ion: 75 Resp: 4092
Ion Ratio Lower Upper
75 100
77 32.5 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018484.D
Acq: 29 Mar 2021 14:29

Tgt Ion: 75 Resp: 2361
Ion Ratio Lower Upper
75 100
77 30.0 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 4.15 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018484.D
 Acq: 29 Mar 2021 14:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P8

Tgt Ion: 75 Resp: 12031
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.6 38.4

