

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018388.D
 Acq On : 19 Mar 2021 14:53
 Operator : SY/VA
 Sample : M1685-11
 Misc : 5.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G3

Quant Time: Mar 20 01:40:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

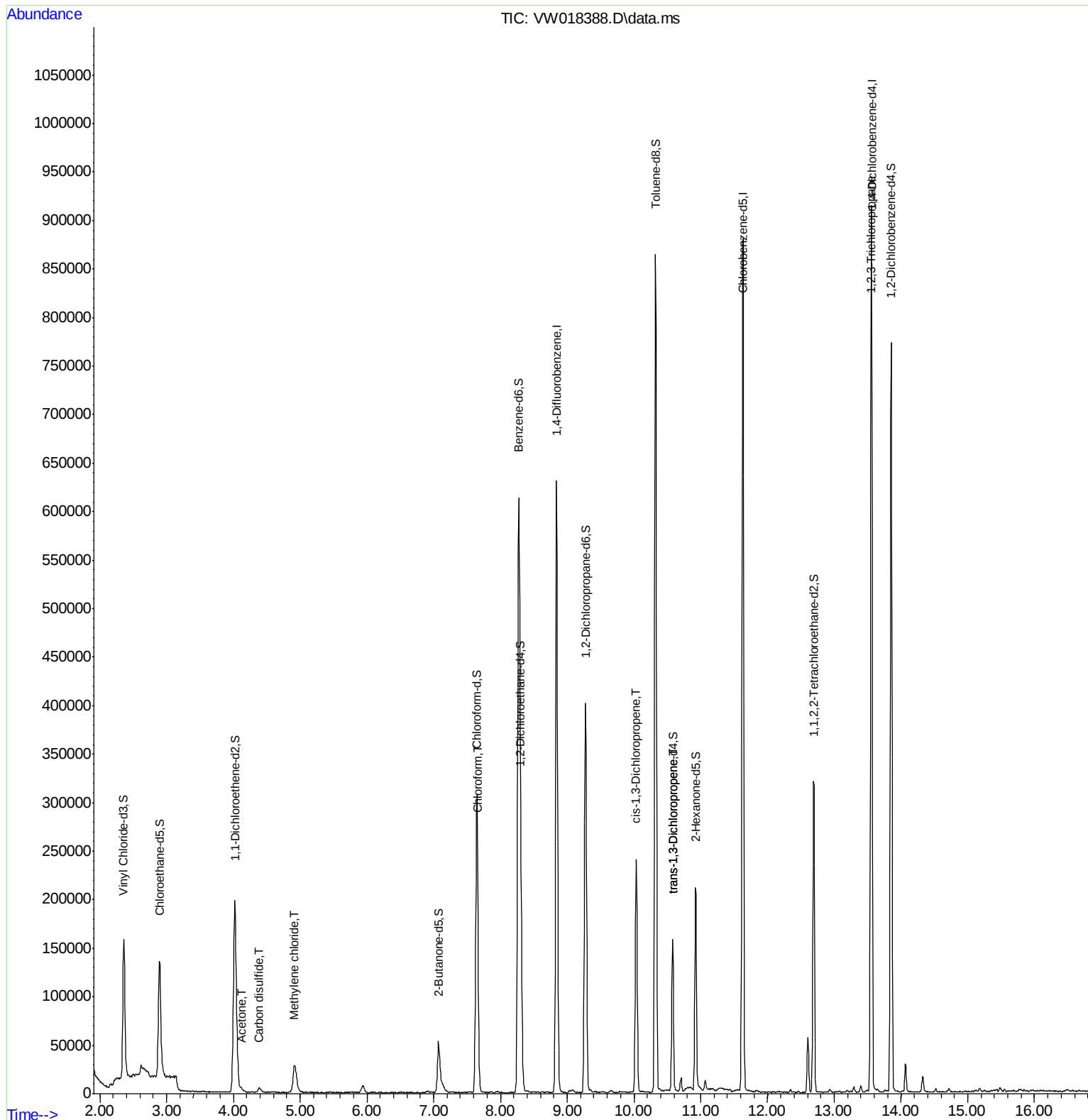
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	519547	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	476471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	220353	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	185299	25.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.52%			
7) Chloroethane-d5	2.891	69	165017	26.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.28%			
10) 1,1-Dichloroethene-d2	4.025	63	223679	17.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.68%			
20) 2-Butanone-d5	7.074	46	86058	53.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.94%			
24) Chloroform-d	7.647	84	308649	23.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.28%			
26) 1,2-Dichloroethane-d4	8.305	65	190964	24.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%			
29) Benzene-d6	8.275	84	611052	24.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.48%			
33) 1,2-Dichloropropane-d6	9.274	67	178636	24.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.80%			
37) Toluene-d8	10.323	98	570121	23.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.52%			
38) trans-1,3-Dichloroprop...	10.579	79	84225	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.40%			
39) 2-Hexanone-d5	10.920	63	73562	51.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.90%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	154958	23.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.84%			
61) 1,2-Dichlorobenzene-d4	13.853	152	186734	23.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.36%			
Target Compounds						
13) Acetone	4.117	43	3402	2.94	ug/L	87
14) Carbon disulfide	4.385	76	4241	0.22	ug/L #	92
16) Methylene chloride	4.915	84	25092	2.94	ug/L	90
25) Chloroform	7.659	83	2970	0.23	ug/L #	1
42) cis-1,3-Dichloropropene	10.030	75	7072	0.62	ug/L #	81
45) trans-1,3-Dichloropropene	10.579	75	4718	0.46	ug/L	86
59) 1,2,3-Trichloropropane	13.554	75	30274	6.16	ug/L	91

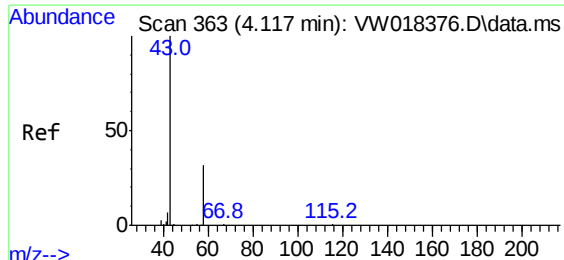
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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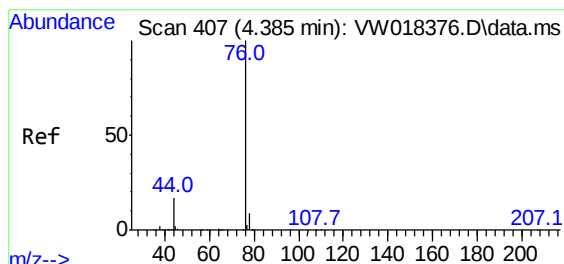
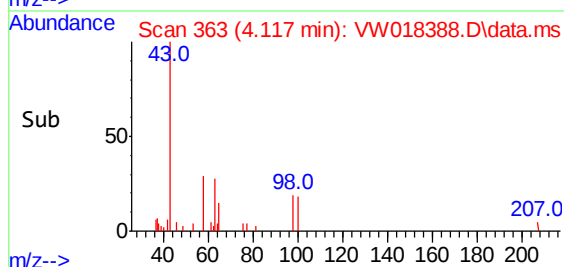
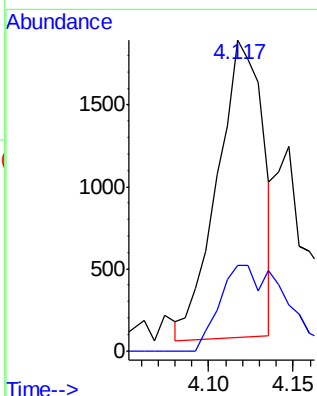
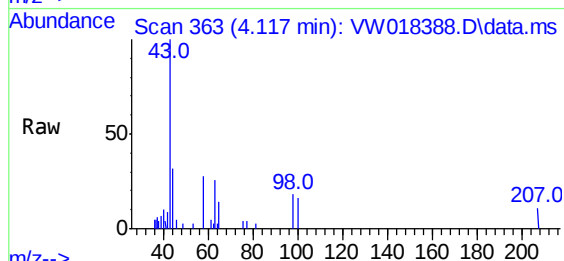




#13
Acetone
Concen: 2.94 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

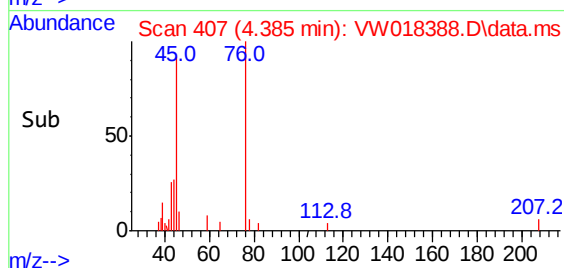
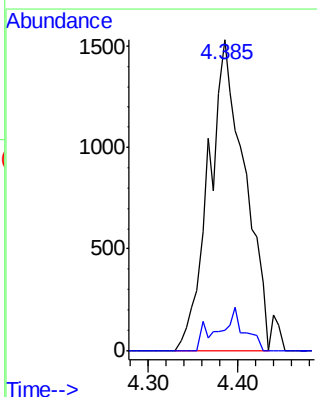
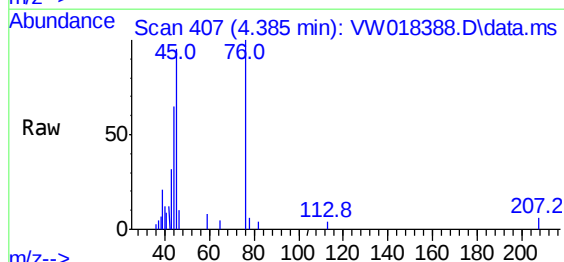
Instrument :
MSVOA_W
ClientSampled :
BG4G3

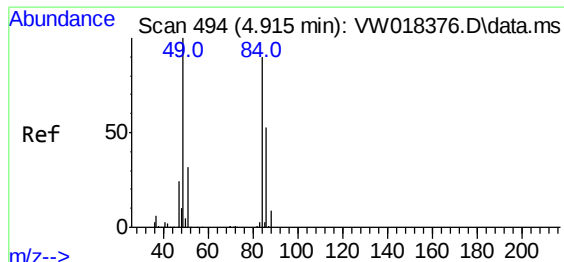
Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 23.8 0.0 62.2



#14
Carbon disulfide
Concen: 0.22 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

Tgt Ion: 76 Resp: 4241
Ion Ratio Lower Upper
76 100
78 6.4 7.4 11.2#



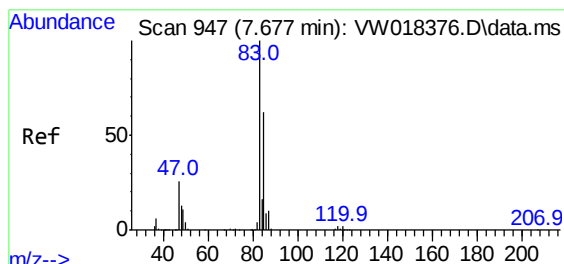
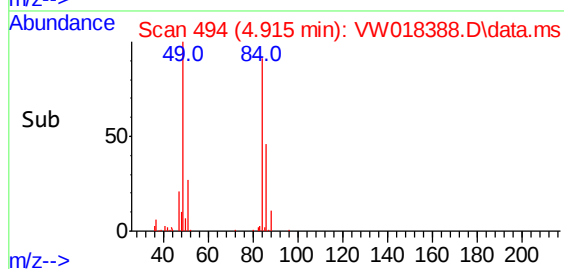
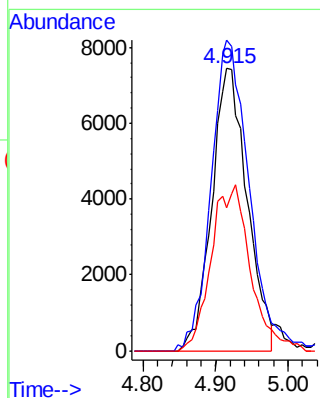
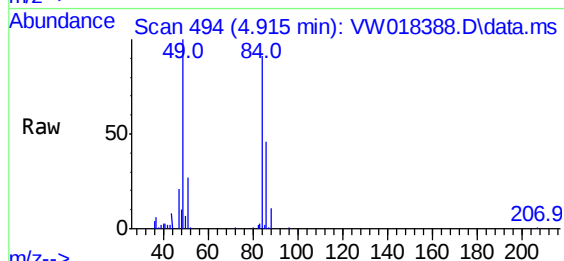


#16
Methylene chloride
Concen: 2.94 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

Instrument :
MSVOA_W
ClientSampleId :
BG4G3

Tgt Ion: 84 Resp: 25092

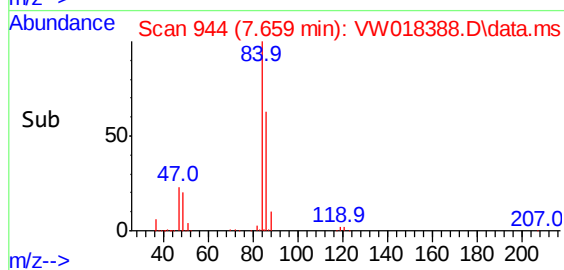
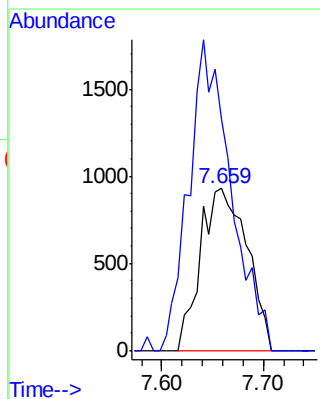
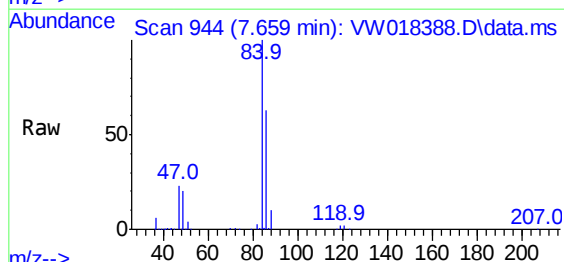
Ion	Ratio	Lower	Upper
84	100		
49	110.1	74.4	138.2
86	50.7	46.1	85.7

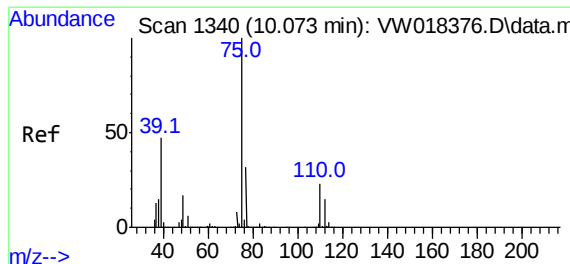


#25
Chloroform
Concen: 0.23 ug/L
RT: 7.659 min Scan# 944
Delta R.T. -0.018 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

Tgt Ion: 83 Resp: 2970

Ion	Ratio	Lower	Upper
83	100		
85	172.7	46.4	86.2

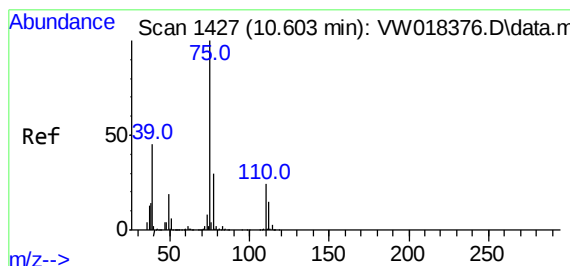
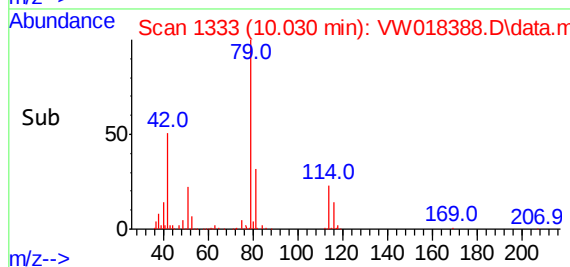
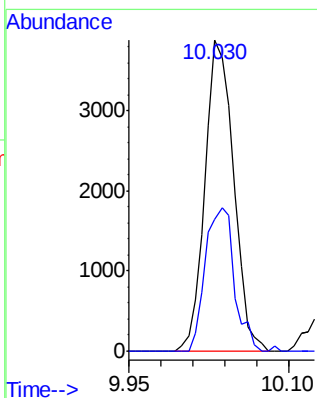
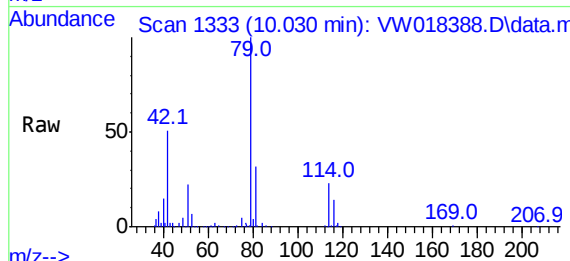




#42
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

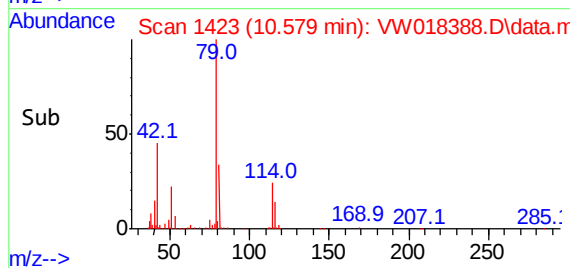
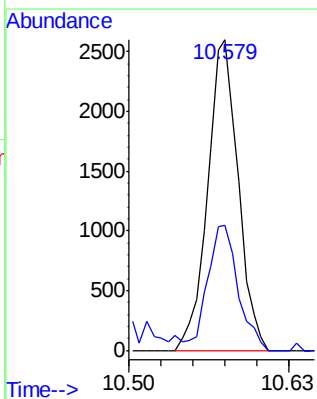
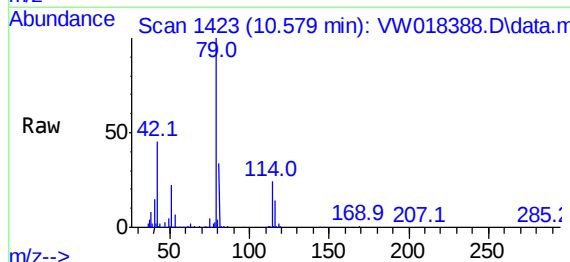
Instrument :
MSVOA_W
ClientSampleID :
BG4G3

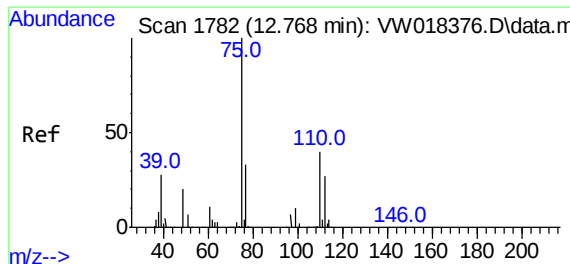
Tgt Ion: 75 Resp: 7072
Ion Ratio Lower Upper
75 100
77 42.4 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018388.D
Acq: 19 Mar 2021 14:53

Tgt Ion: 75 Resp: 4718
Ion Ratio Lower Upper
75 100
77 40.1 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 6.16 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018388.D
 Acq: 19 Mar 2021 14:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G3

Tgt Ion: 75 Resp: 30274
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.6 38.4

