

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018381.D
 Acq On : 19 Mar 2021 12:05
 Operator : SY/VA
 Sample : M1685-04
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG490

Quant Time: Mar 20 01:38:37 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)

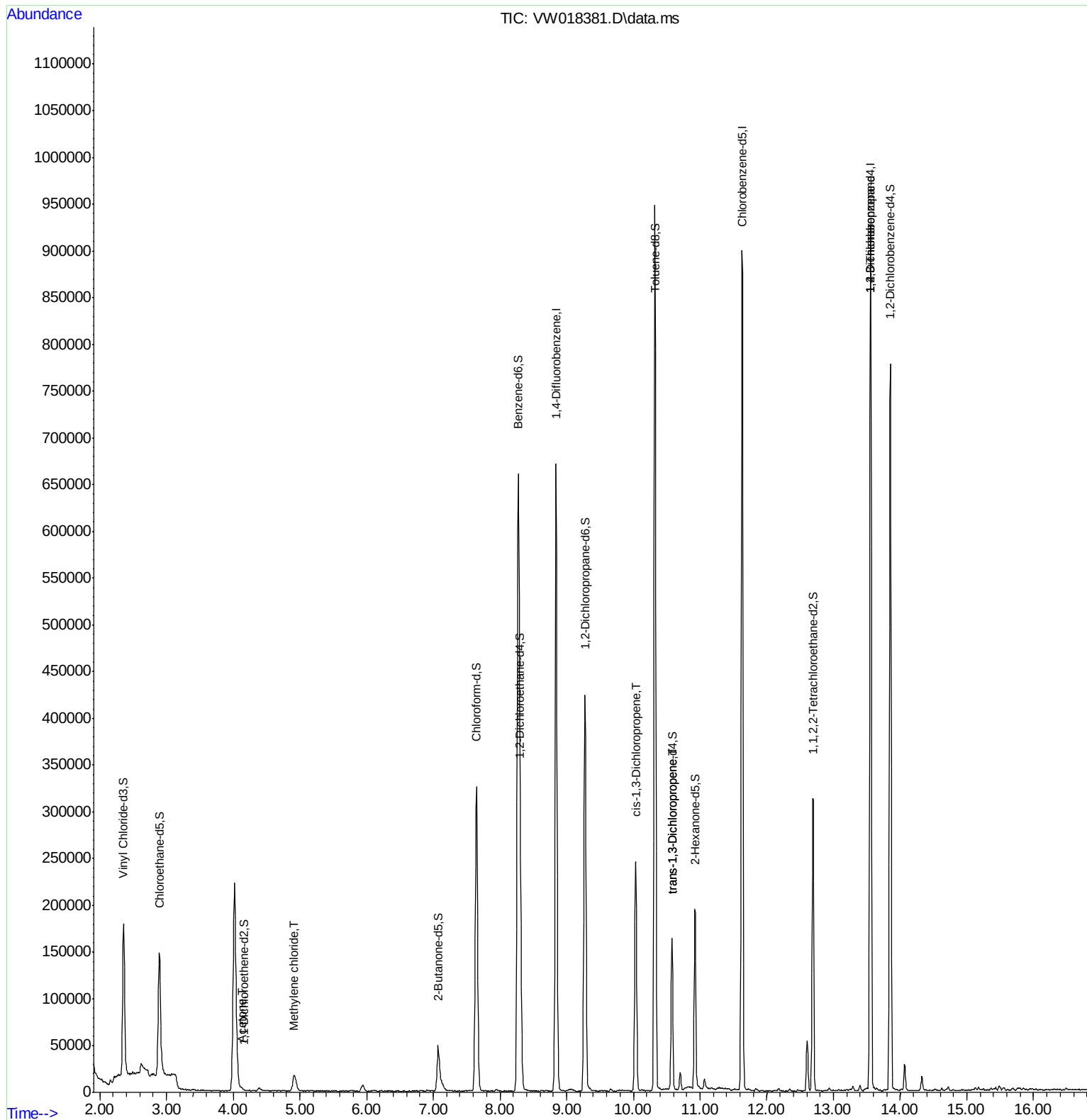
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	539222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	478203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	218822	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	199770	26.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.48%			
7) Chloroethane-d5	2.891	69	176801	26.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.68%			
10) 1,1-Dichloroethene-d2	4.159	63	253	0.02	ug/L	0.13
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.08%#			
20) 2-Butanone-d5	7.074	46	78425	46.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.90%			
24) Chloroform-d	7.647	84	334502	24.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.44%			
26) 1,2-Dichloroethane-d4	8.305	65	196162	24.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
29) Benzene-d6	8.275	84	659083	25.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.72%			
33) 1,2-Dichloropropane-d6	9.274	67	184674	25.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.72%			
37) Toluene-d8	10.323	98	609693	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.64%			
38) trans-1,3-Dichloroprop...	10.579	79	88997	23.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.12%			
39) 2-Hexanone-d5	10.920	63	68408	47.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.34%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	152671	23.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	197047	25.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.32%			
Target Compounds						
13) Acetone	4.129	43	2696	2.25	ug/L	72
16) Methylene chloride	4.915	84	14148	1.60	ug/L	91
42) cis-1,3-Dichloropropene	10.036	75	7168	0.63	ug/L #	72
45) trans-1,3-Dichloropropene	10.579	75	4443	0.43	ug/L #	72
59) 1,2,3-Trichloropropane	13.554	75	31591	6.40	ug/L	92

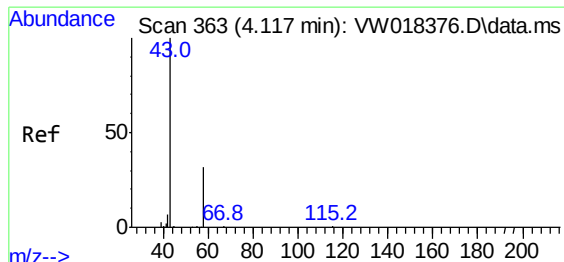
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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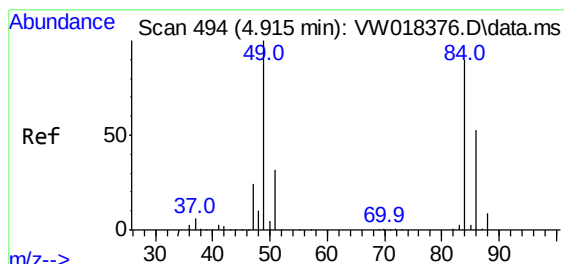
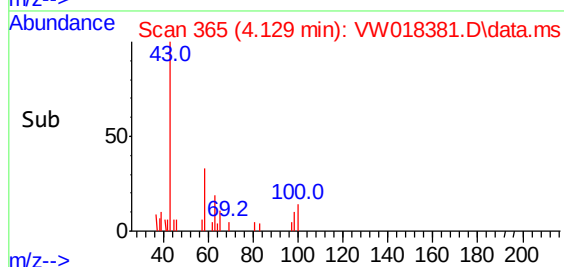
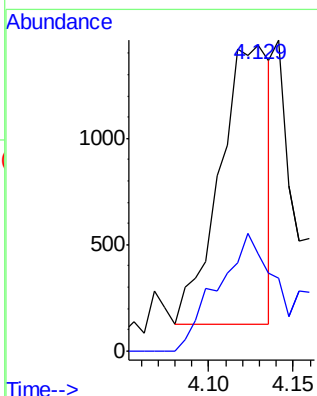
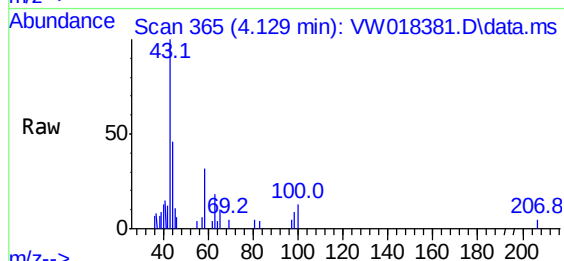




#13
Acetone
Concen: 2.25 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018381.D
Acq: 19 Mar 2021 12:05

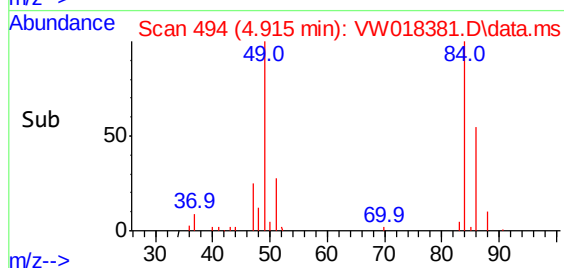
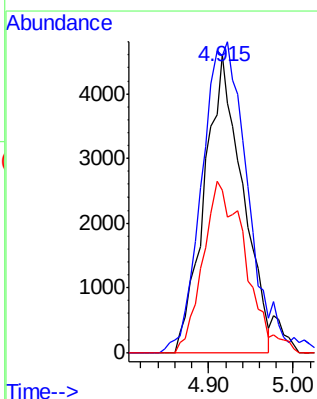
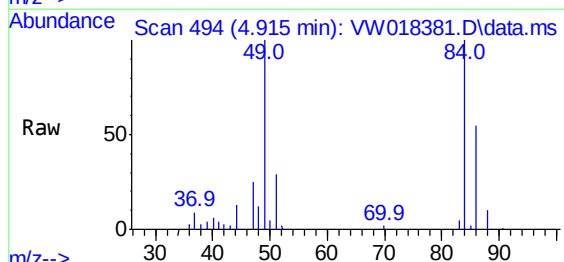
Instrument :
MSVOA_W
ClientSampled :
BG490

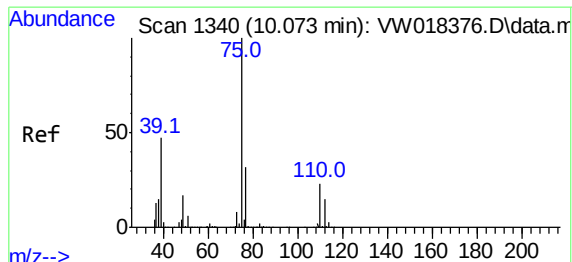
Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 46.7 0.0 62.2



#16
Methylene chloride
Concen: 1.60 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018381.D
Acq: 19 Mar 2021 12:05

Tgt Ion: 84 Resp: 14148
Ion Ratio Lower Upper
84 100
49 99.8 74.4 138.2
86 54.6 46.1 85.7

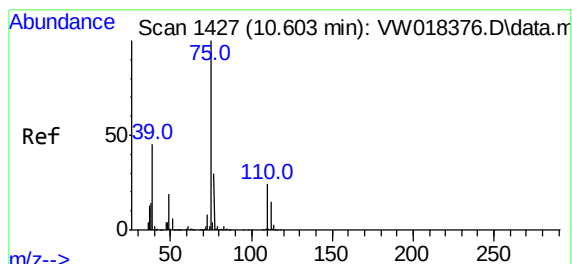
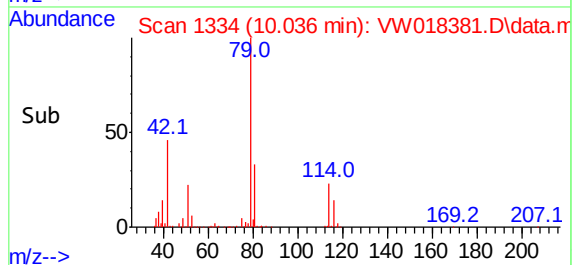
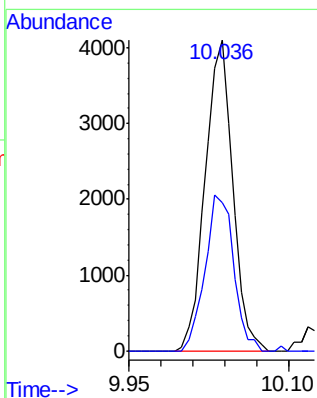
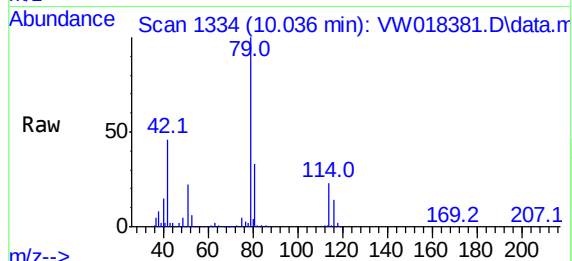




#42
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018381.D
Acq: 19 Mar 2021 12:05

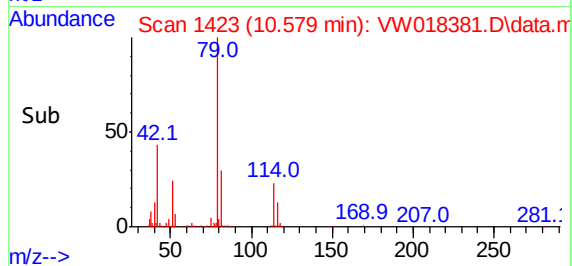
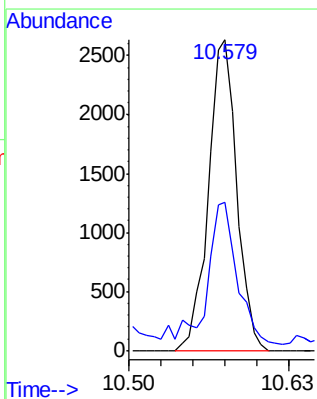
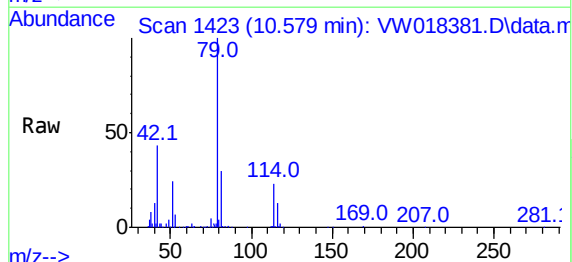
Instrument :
MSVOA_W
ClientSampleId :
BG490

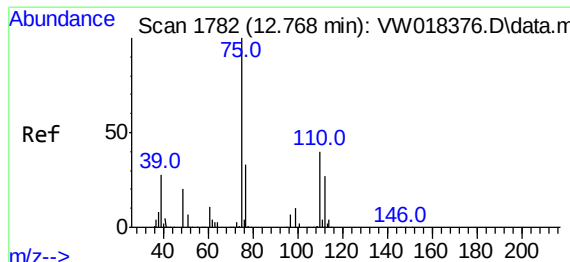
Tgt Ion: 75 Resp: 7168
Ion Ratio Lower Upper
75 100
77 47.5 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018381.D
Acq: 19 Mar 2021 12:05

Tgt Ion: 75 Resp: 4443
Ion Ratio Lower Upper
75 100
77 47.9 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 6.40 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW018381.D
 Acq: 19 Mar 2021 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 BG490

Tgt Ion: 75 Resp: 31591
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.6 38.4

