

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018379.D
 Acq On : 19 Mar 2021 11:17
 Operator : SY/VA
 Sample : M1685-02
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG488

Quant Time: Mar 20 01:38:03 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)

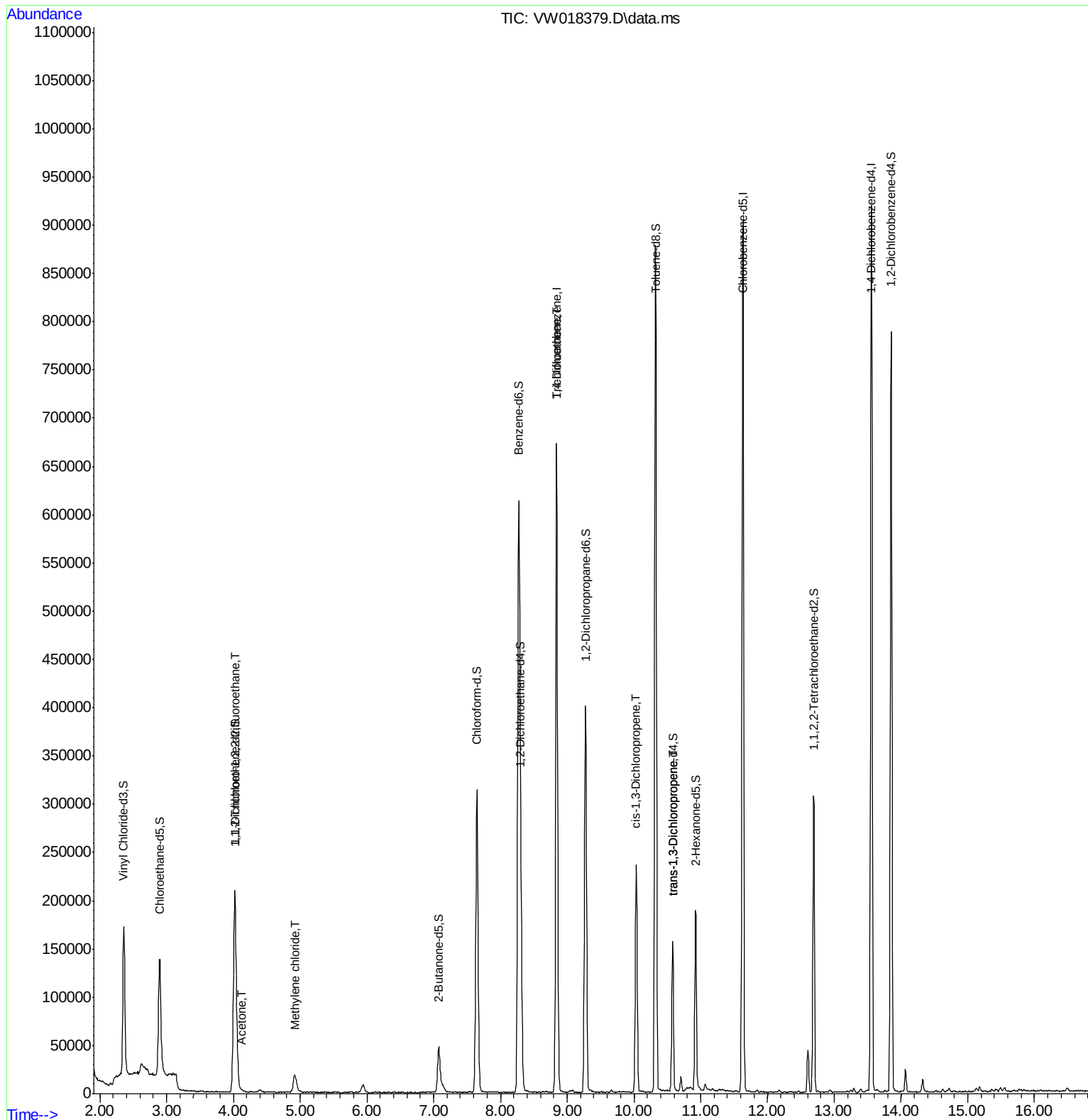
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	486179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	226970	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	191982	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.60%			
7) Chloroethane-d5	2.898	69	167999	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.56%			
10) 1,1-Dichloroethene-d2	4.019	63	234904	18.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.40%			
20) 2-Butanone-d5	7.080	46	78012	47.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.54%			
24) Chloroform-d	7.647	84	306112	22.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.24%			
26) 1,2-Dichloroethane-d4	8.305	65	183451	23.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.64%			
29) Benzene-d6	8.275	84	608980	23.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.24%			
33) 1,2-Dichloropropane-d6	9.275	67	173218	23.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.92%			
37) Toluene-d8	10.323	98	577220	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.76%			
38) trans-1,3-Dichloroprop...	10.579	79	82553	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.88%			
39) 2-Hexanone-d5	10.921	63	65490	44.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.78%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	149109	22.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	185956	23.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.20%			
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.026	101	2263	0.35	ug/L #	20
13) Acetone	4.123	43	1217	1.03	ug/L	98
16) Methylene chloride	4.922	84	15194	1.74	ug/L	93
35) Trichloroethene	8.842	95	17520	2.25	ug/L #	6
42) cis-1,3-Dichloropropene	10.031	75	6974	0.60	ug/L #	77
45) trans-1,3-Dichloropropene	10.579	75	4518	0.43	ug/L #	77

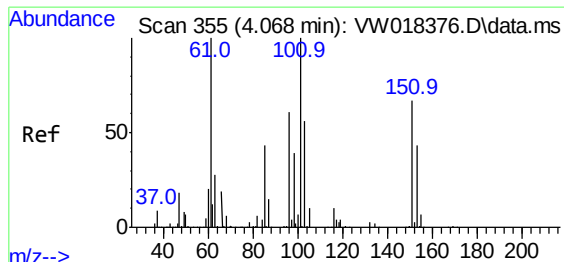
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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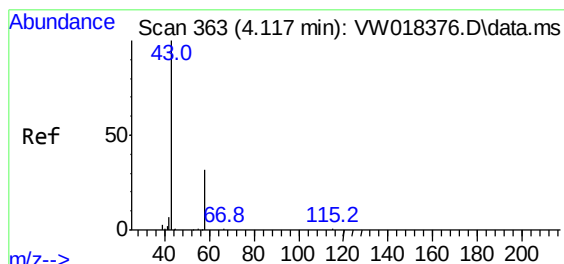
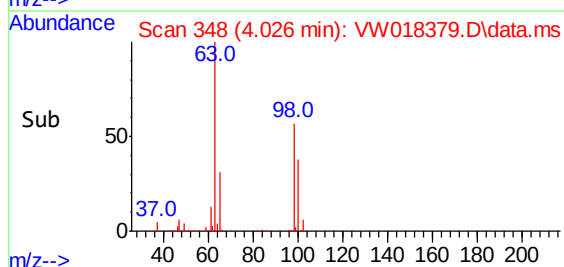
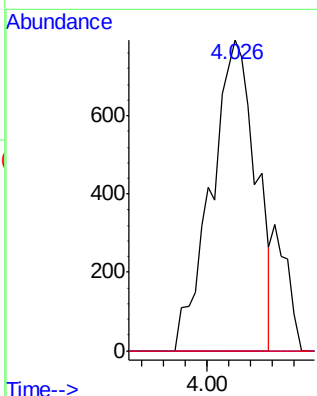
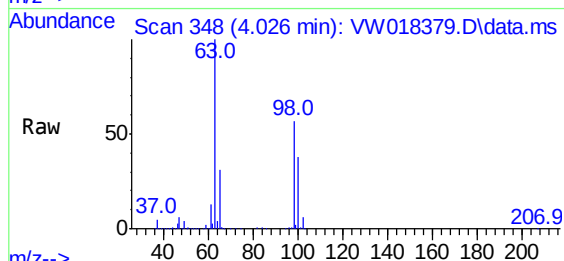




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.35 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.042 min
Lab File: VW018379.D
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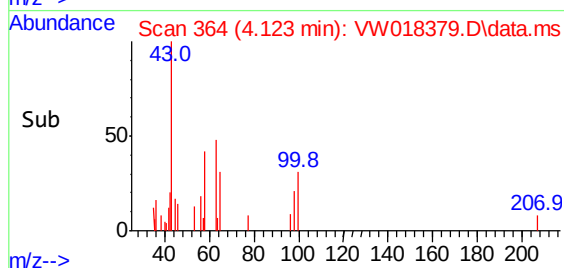
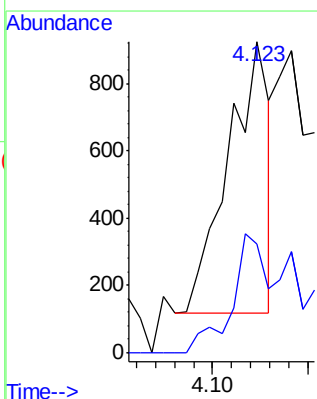
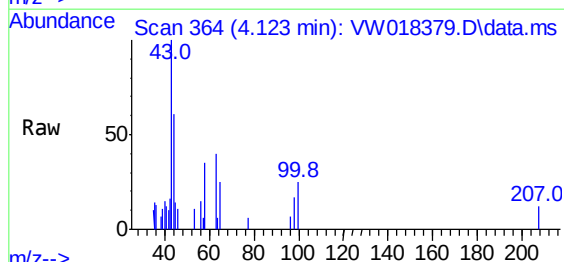
Instrument :
MSVOA_W
ClientSampleId :
BG488

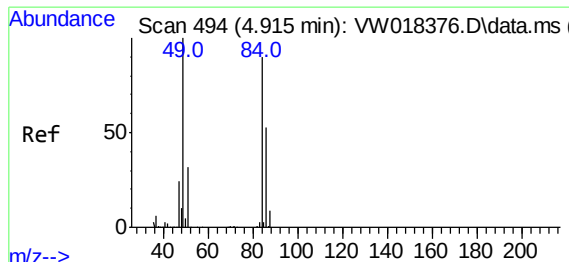
Tgt Ion:101 Resp: 2263
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 58.1 87.1#



#13
Acetone
Concen: 1.03 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018379.D
Acq: 19 Mar 2021 11:17

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 29.9 0.0 62.2



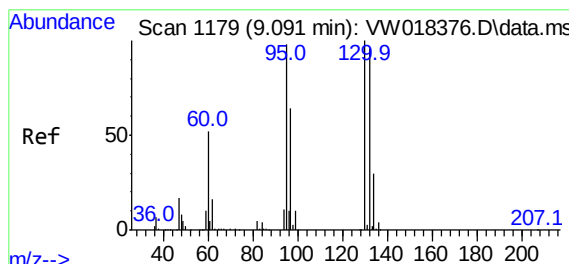
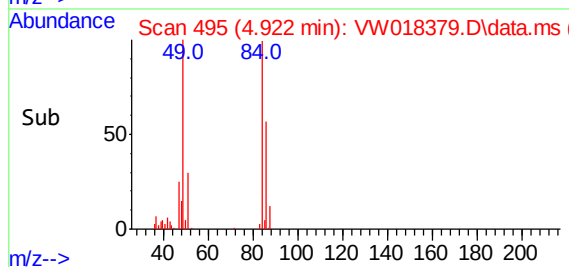
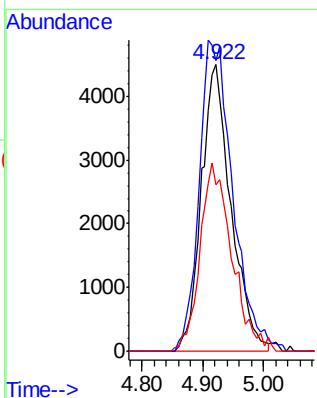
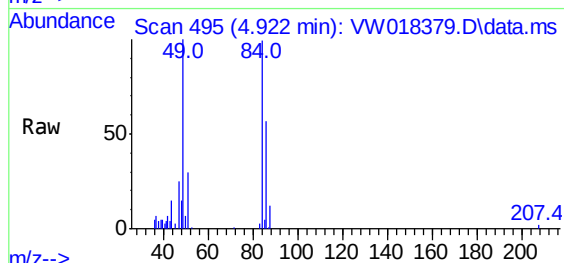


#16
Methylene chloride
Concen: 1.74 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018379.D
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Instrument :
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ClientSampleId :
BG488

Tgt Ion: 84 Resp: 15194

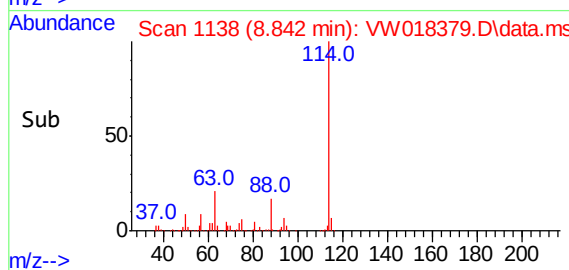
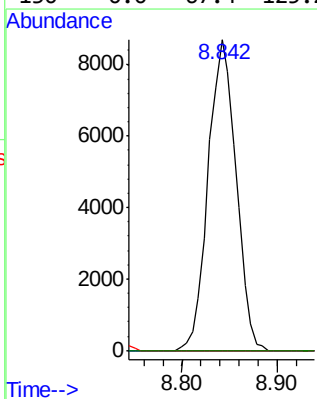
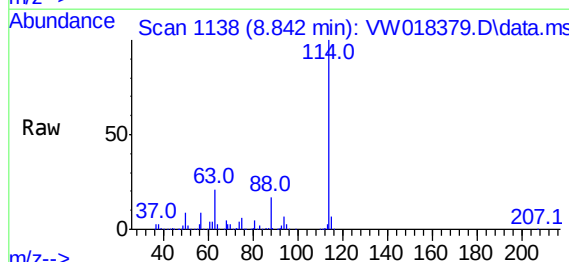
Ion	Ratio	Lower	Upper
84	100		
49	101.2	74.4	138.2
86	57.8	46.1	85.7

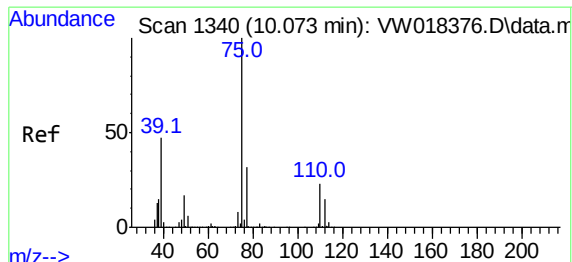


#35
Trichloroethene
Concen: 2.25 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018379.D
Acq: 19 Mar 2021 11:17

Tgt Ion: 95 Resp: 17520

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#

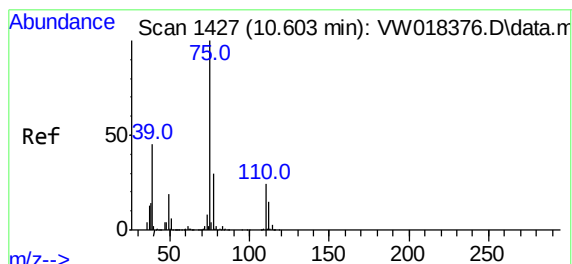
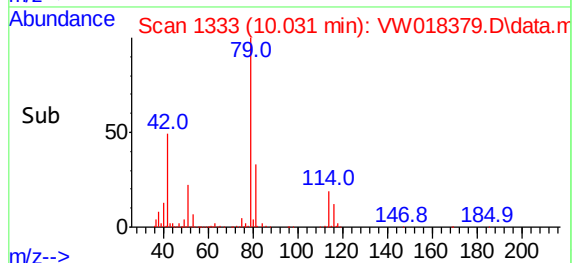
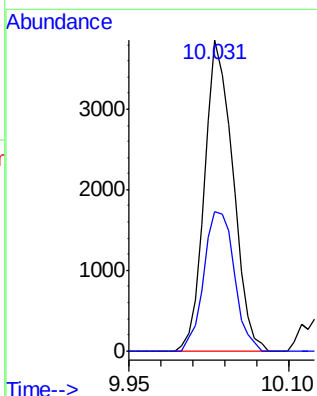
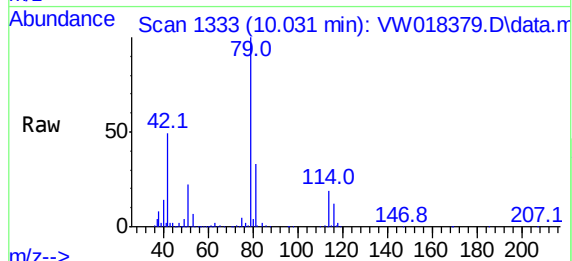




#42
cis-1,3-Dichloropropene
Concen: 0.60 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.042 min
Lab File: VW018379.D
Acq: 19 Mar 2021 11:17

Instrument :
MSVOA_W
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Tgt Ion: 75 Resp: 6974
Ion Ratio Lower Upper
75 100
77 44.9 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: VW018379.D
Acq: 19 Mar 2021 11:17

Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
77 45.2 22.6 42.0#

