

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018446.D
 Acq On : 24 Mar 2021 16:42
 Operator : SY/VA
 Sample : M1781-20
 Misc : 5.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S5

Quant Time: Mar 25 01:26:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

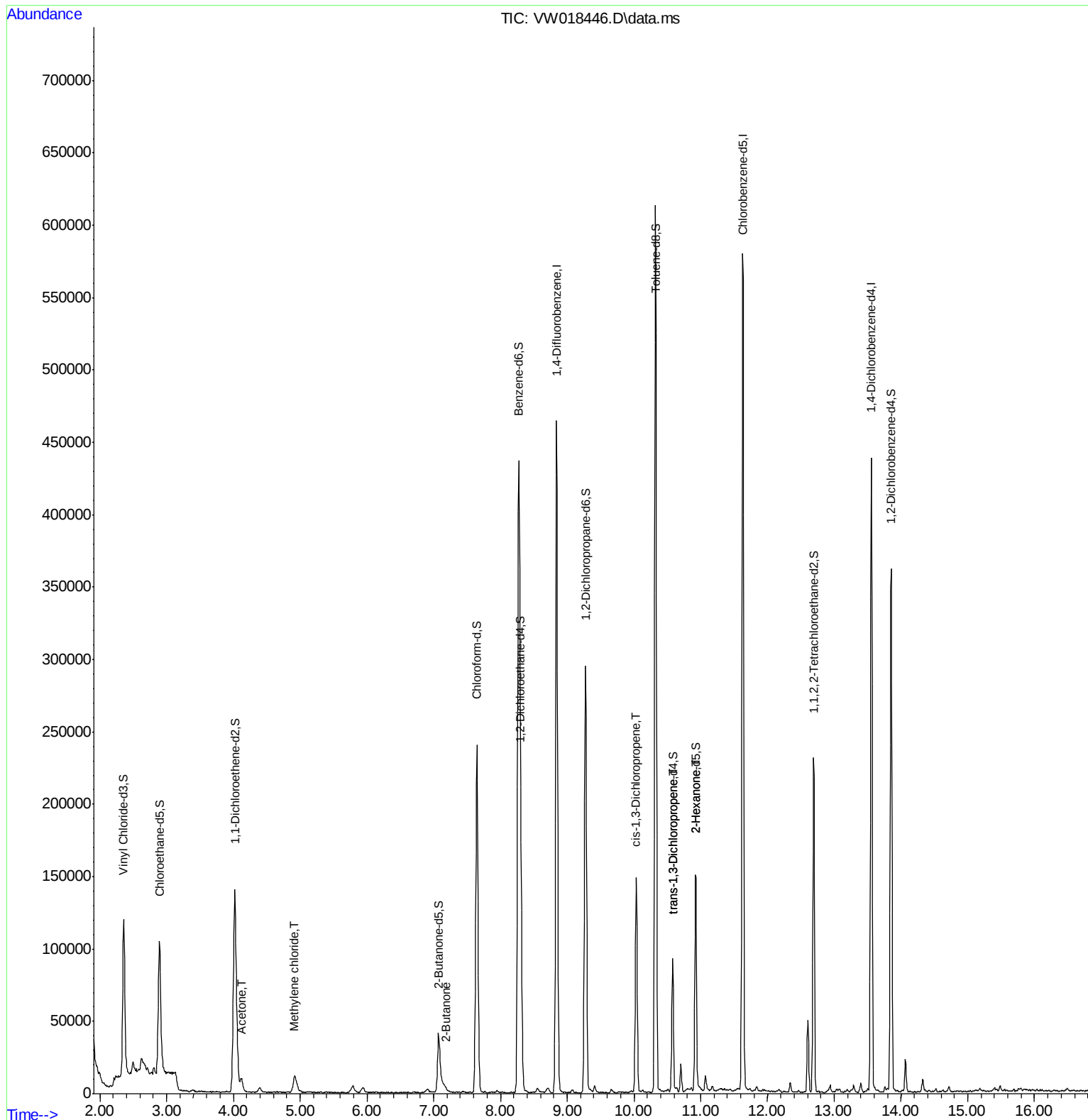
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	306640	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	108983	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140426	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
7) Chloroethane-d5	2.891	69	128572	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.64%
10) 1,1-Dichloroethene-d2	4.019	63	157586	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	7.080	46	67224	56.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.72%
24) Chloroform-d	7.647	84	233658	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.305	65	136702	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	8.275	84	442310	27.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.52%
33) 1,2-Dichloropropane-d6	9.274	67	128604	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.40%
37) Toluene-d8	10.323	98	391092	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloroprop...	10.579	79	47363	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.927	63	52482	57.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	108172	25.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	87913	22.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.76%
Target Compounds						Qvalue
13) Acetone	4.117	43	14307	16.70	ug/L	99
16) Methylene chloride	4.916	84	8073	1.28	ug/L	91
21) 2-Butanone	7.177	43	3014	2.21	ug/L	89
42) cis-1,3-Dichloropropene	10.030	75	4312	0.59	ug/L #	42
45) trans-1,3-Dichloropropene	10.579	75	2440	0.37	ug/L	99
49) 2-Hexanone	10.927	43	7433	4.02	ug/L #	65

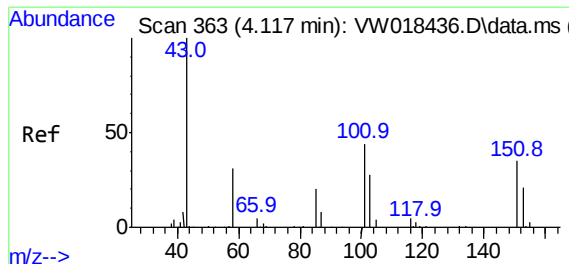
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 01:23:35 2021
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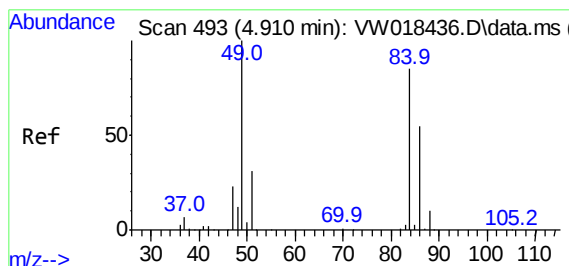
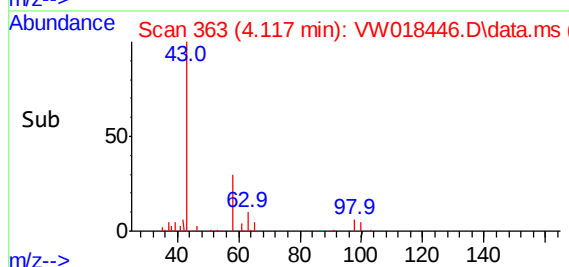
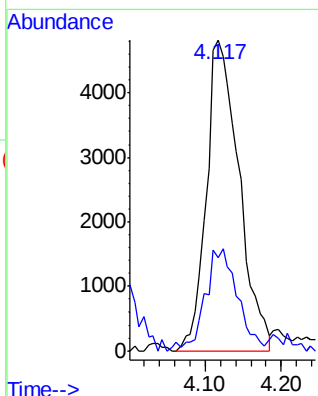
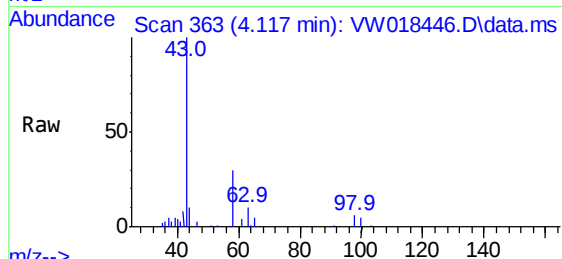




#13
Acetone
Concen: 16.70 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

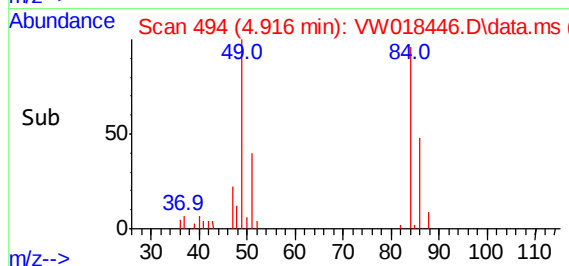
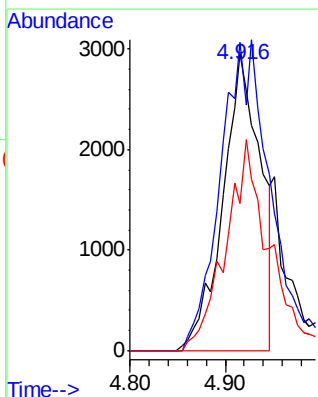
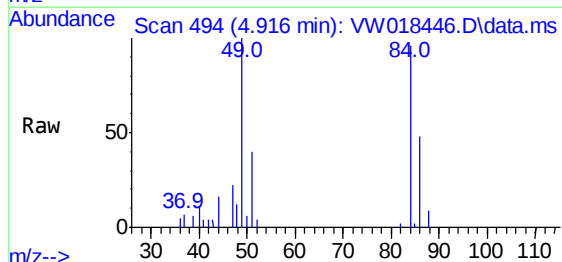
Instrument :
MSVOA_W
ClientSampled :
BG4S5

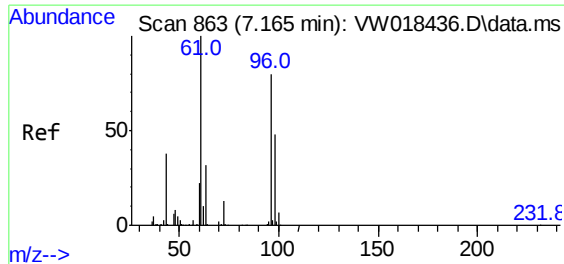
Tgt Ion: 43 Resp: 14307
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.2



#16
Methylene chloride
Concen: 1.28 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

Tgt Ion: 84 Resp: 8073
Ion Ratio Lower Upper
84 100
49 104.2 74.4 138.2
86 49.8 46.1 85.7

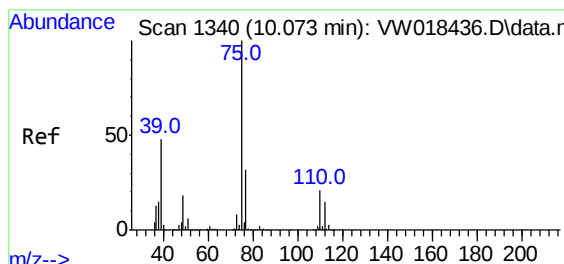
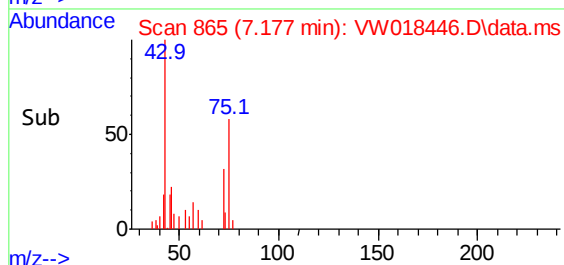
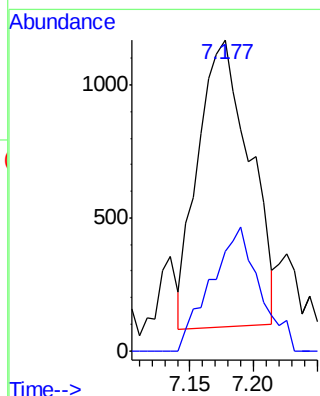
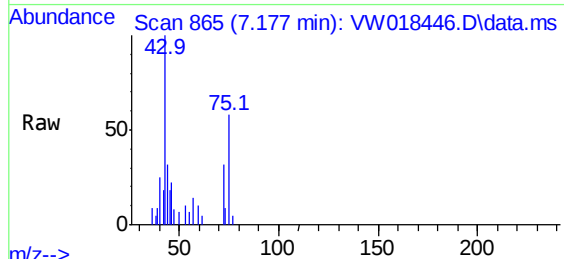




#21
2-Butanone
Concen: 2.21 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

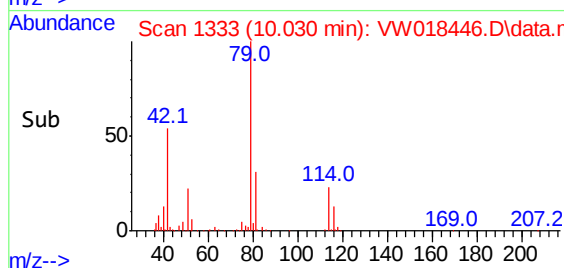
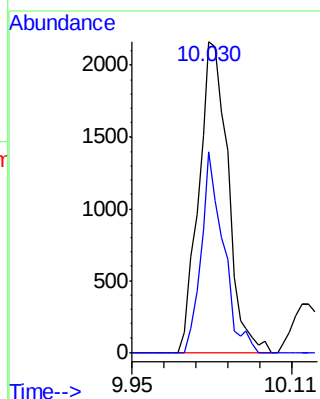
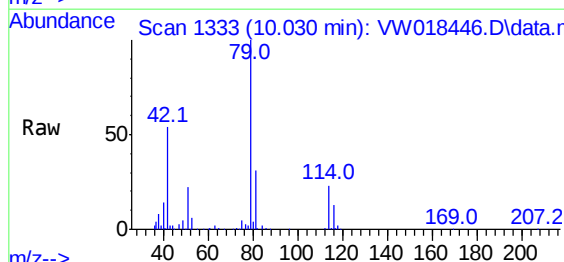
Instrument :
MSVOA_W
ClientSampleId :
BG4S5

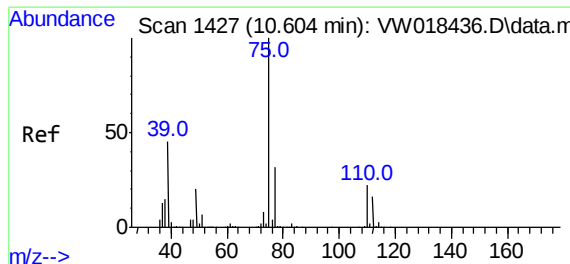
Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
72 39.3 16.5 49.5



#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

Tgt Ion: 75 Resp: 4312
Ion Ratio Lower Upper
75 100
77 64.6 22.4 41.6#

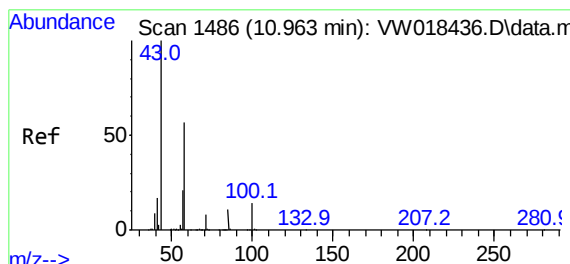
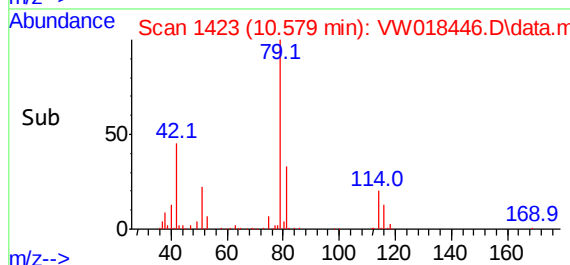
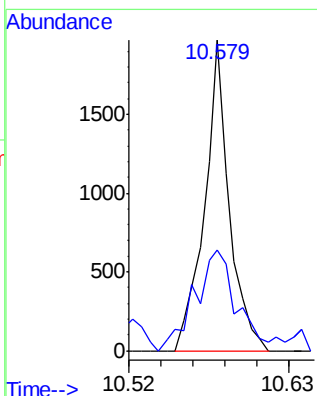
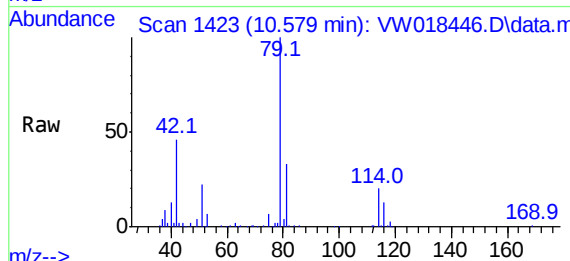




#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

Instrument :
MSVOA_W
ClientSampled :
BG4S5

Tgt Ion: 75 Resp: 2440
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0



#49
2-Hexanone
Concen: 4.02 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018446.D
Acq: 24 Mar 2021 16:42

Tgt Ion: 43 Resp: 7433
Ion Ratio Lower Upper
43 100
58 25.8 47.3 70.9#
57 24.9 17.3 25.9
100 0.9 12.9 19.3#

