

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018440.D
 Acq On : 24 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1781-05
 Misc : 5.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L6

Quant Time: Mar 25 01:25:04 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)

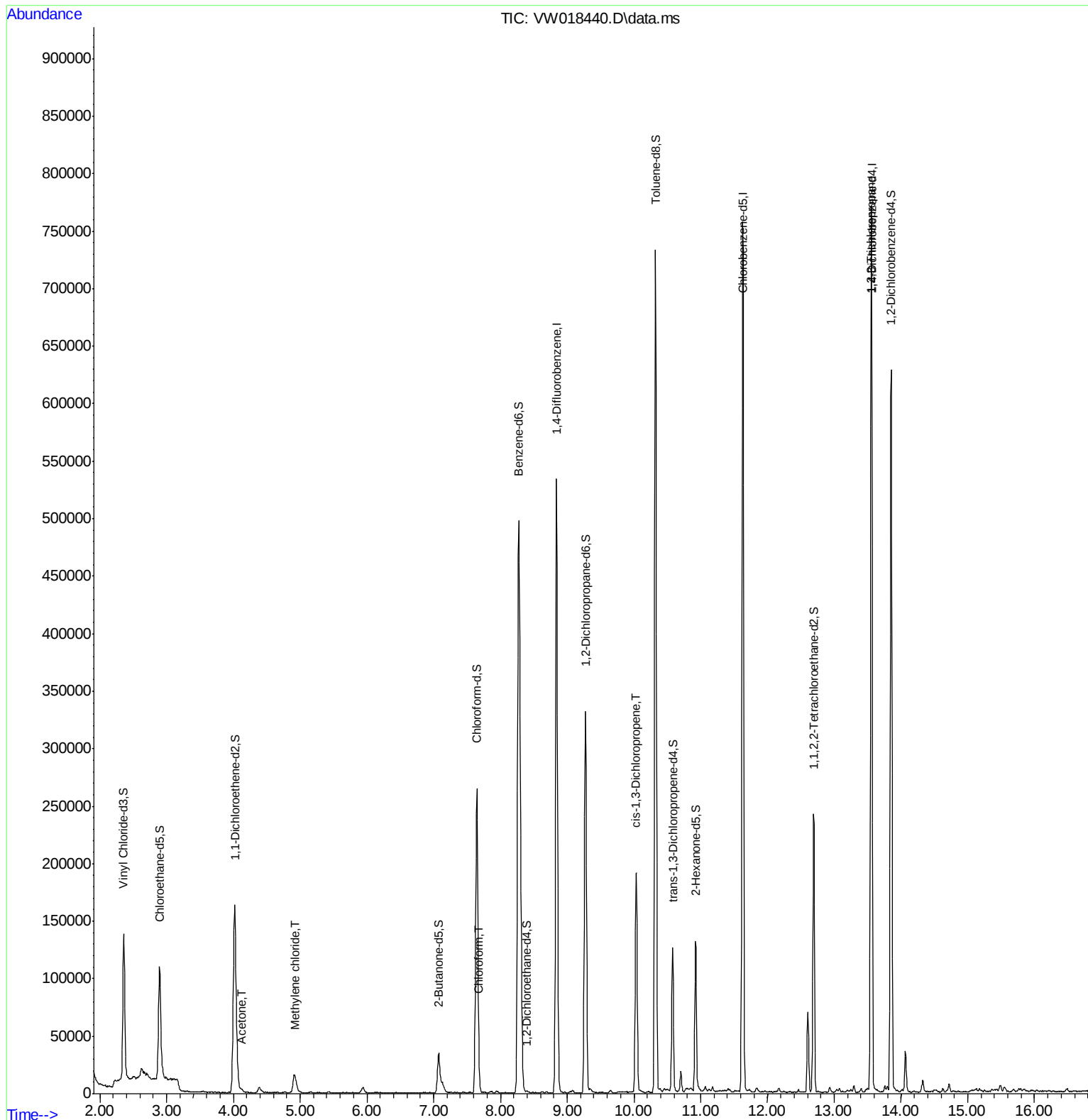
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	404696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	188366	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148381	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.891	69	130561	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.019	63	179976	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.24%
20) 2-Butanone-d5	7.080	46	55449	39.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.16%
24) Chloroform-d	7.647	84	260172	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.390	65	277	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.275	84	502521	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.274	67	144895	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.323	98	477683	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloroprop...	10.579	79	66654	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.921	63	43872	36.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.24%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	113281	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	156739	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%
Target Compounds						
13) Acetone	4.117	43	3615	3.59	ug/L	67
16) Methylene chloride	4.922	84	13182	1.78	ug/L	93
25) Chloroform	7.677	83	3691	0.33	ug/L #	17
42) cis-1,3-Dichloropropene	10.030	75	5917	0.61	ug/L	86
59) 1,2,3-Trichloropropane	13.554	75	24912	5.96	ug/L	90

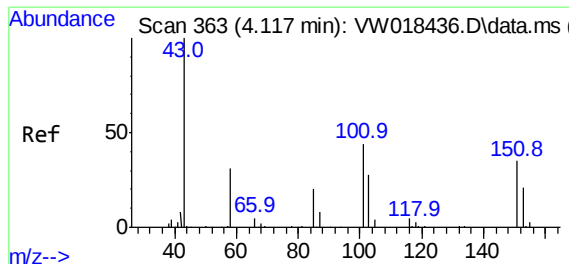
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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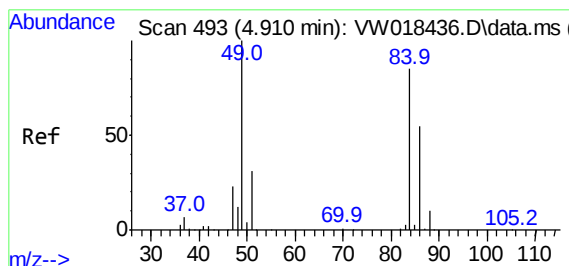
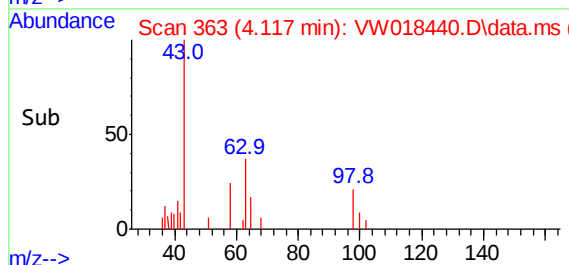
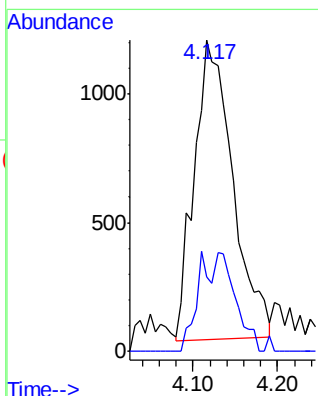
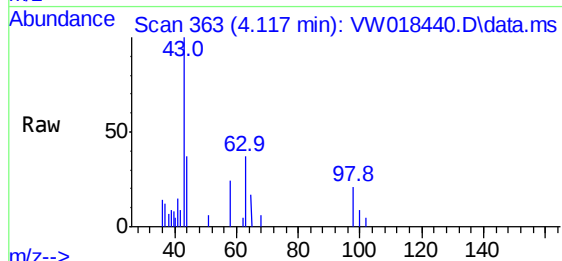




#13
Acetone
Concen: 3.59 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018440.D
Acq: 24 Mar 2021 13:17

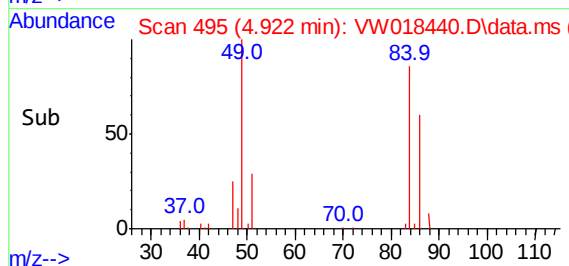
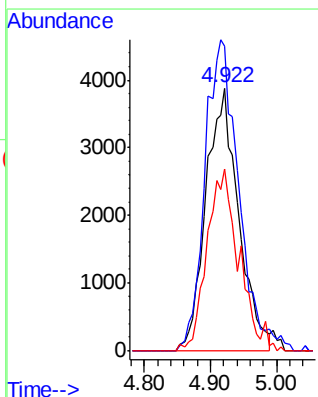
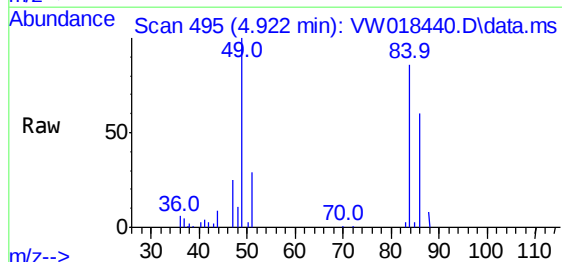
Instrument :
MSVOA_W
ClientSampled :
BG4L6

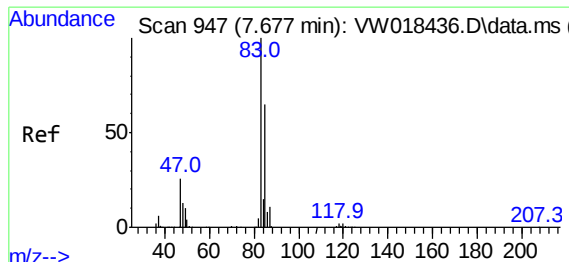
Tgt Ion: 43 Resp: 3615
Ion Ratio Lower Upper
43 100
58 13.1 0.0 62.2



#16
Methylene chloride
Concen: 1.78 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018440.D
Acq: 24 Mar 2021 13:17

Tgt Ion: 84 Resp: 13182
Ion Ratio Lower Upper
84 100
49 116.0 74.4 138.2
86 69.1 46.1 85.7

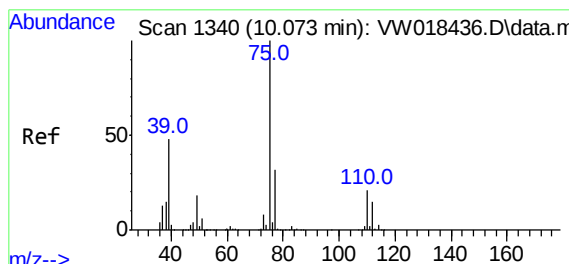
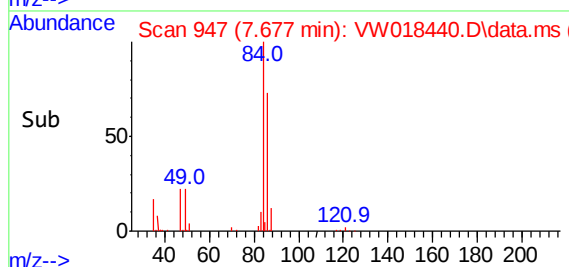
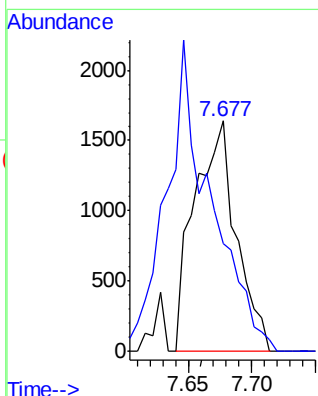
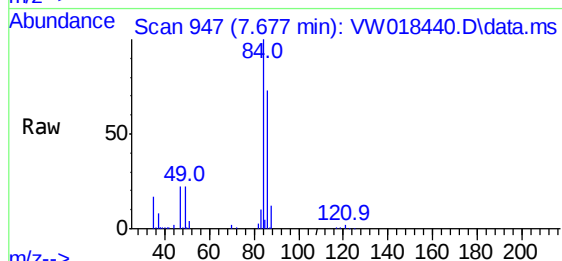




#25
Chloroform
Concen: 0.33 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018440.D
Acq: 24 Mar 2021 13:17

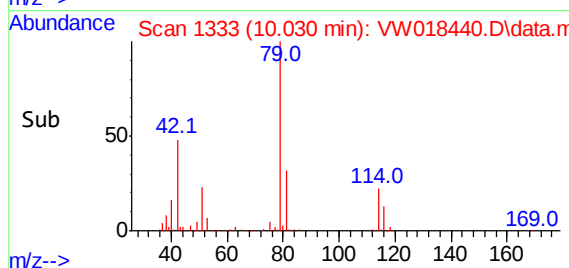
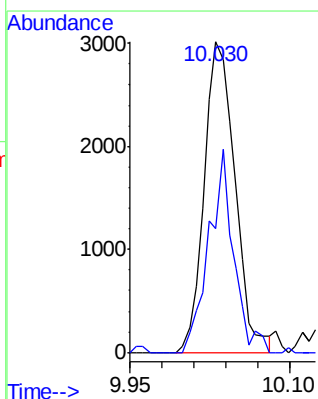
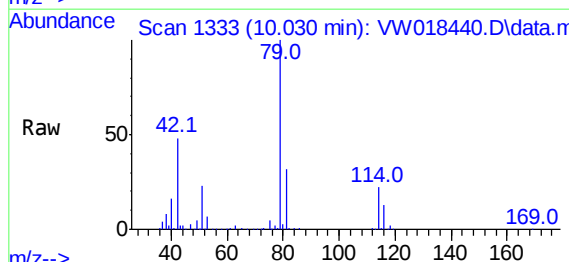
Instrument :
MSVOA_W
ClientSampled :
BG4L6

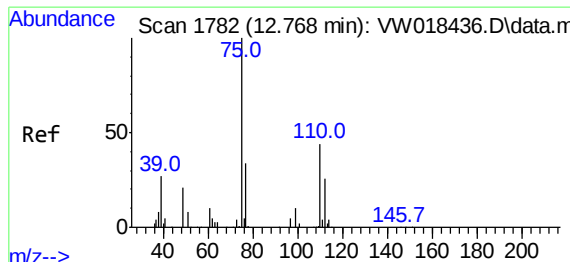
Tgt Ion: 83 Resp: 3691
Ion Ratio Lower Upper
83 100
85 0.0 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018440.D
Acq: 24 Mar 2021 13:17

Tgt Ion: 75 Resp: 5917
Ion Ratio Lower Upper
75 100
77 39.8 22.4 41.6





#59
 1,2,3-Trichloropropane
 Concen: 5.96 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018440.D
 Acq: 24 Mar 2021 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L6

Tgt Ion: 75 Resp: 24912
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.6 38.4

