

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018433.D
 Acq On : 23 Mar 2021 17:52
 Operator : SY/VA
 Sample : M1781-12
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S1

Quant Time: Mar 24 01:27:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

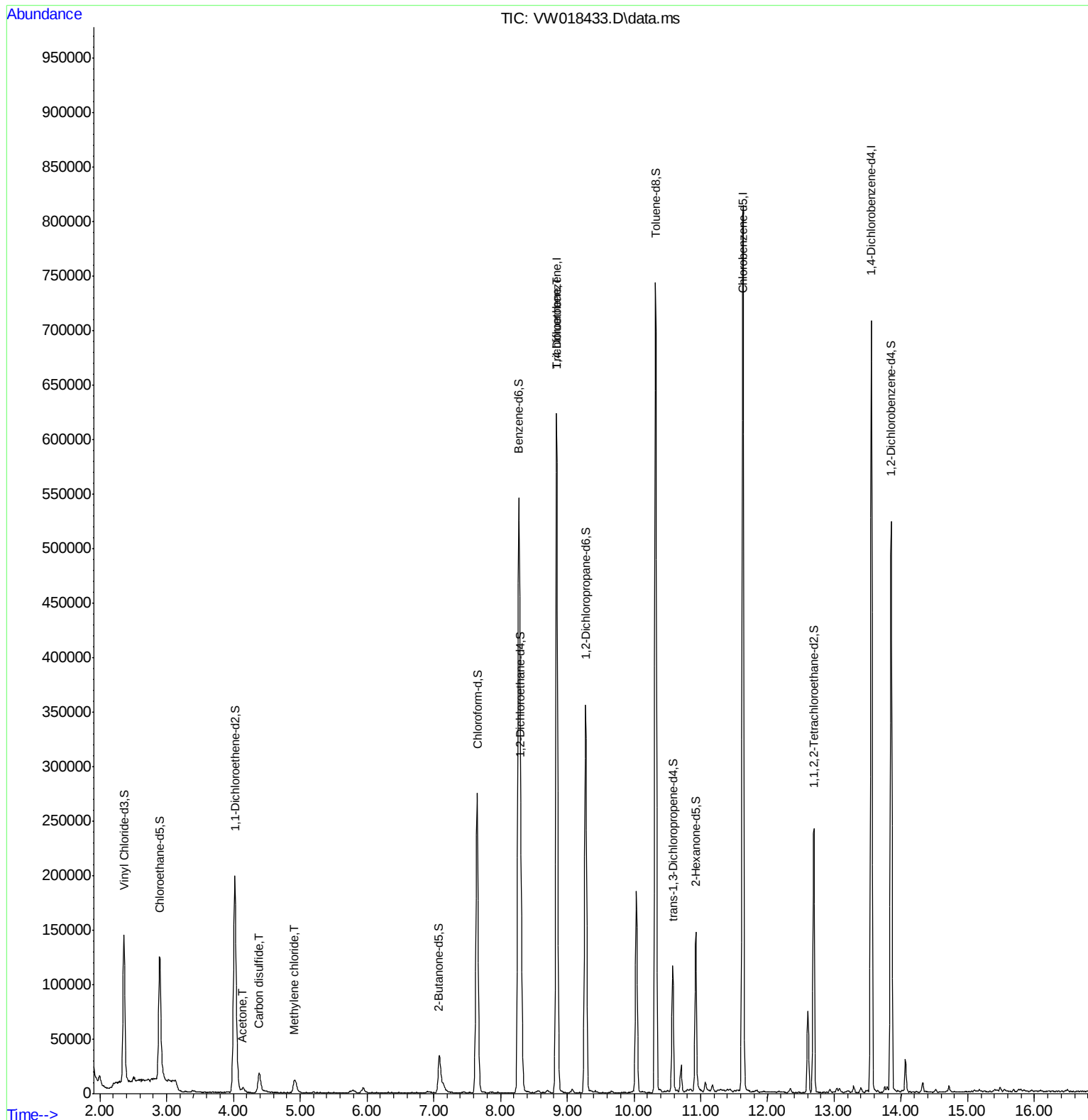
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	520005	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	439564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	169905	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	163244	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
7) Chloroethane-d5	2.898	69	156400	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.019	63	209752	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.16%
20) 2-Butanone-d5	7.080	46	59697	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.653	84	277362	20.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	8.305	65	161722	20.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.68%
29) Benzene-d6	8.275	84	545742	23.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.40%
33) 1,2-Dichloropropane-d6	9.274	67	153298	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.323	98	496471	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.28%
38) trans-1,3-Dichloroprop...	10.579	79	62191	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.56%
39) 2-Hexanone-d5	10.927	63	50727	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	116475	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	126148	20.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.52%
Target Compounds						
13) Acetone	4.135	43	7898	6.82	ug/L	60
14) Carbon disulfide	4.385	76	40464	2.06	ug/L	97
16) Methylene chloride	4.916	84	8997	1.05	ug/L	89
35) Trichloroethene	8.842	95	16304	2.32	ug/L #	6

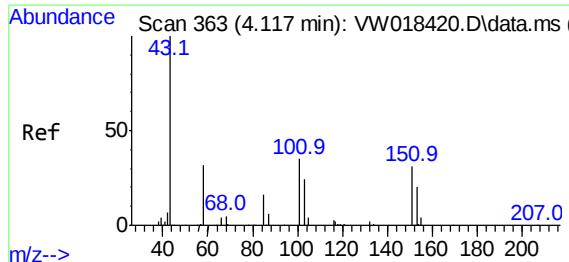
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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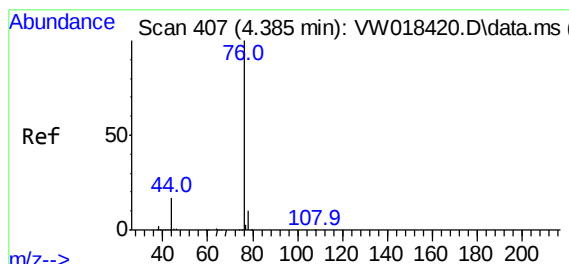
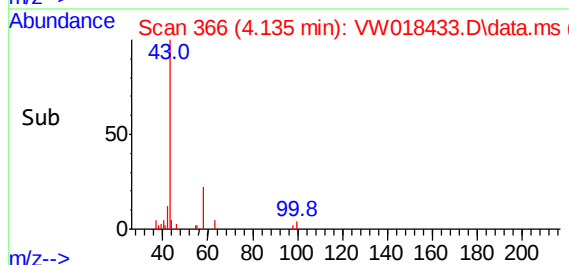
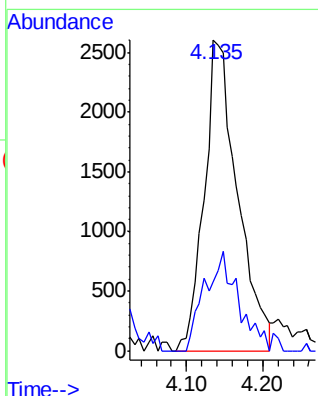
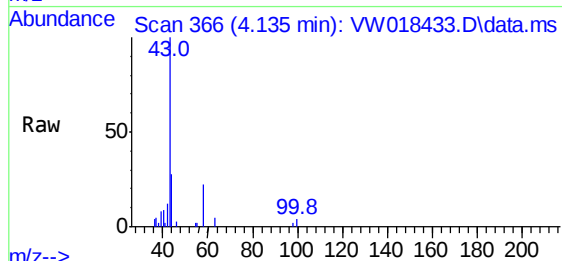




#13
Acetone
Concen: 6.82 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018433.D
Acq: 23 Mar 2021 17:52

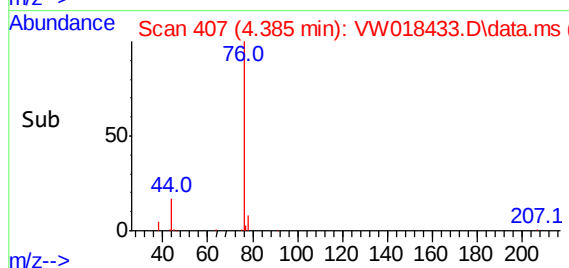
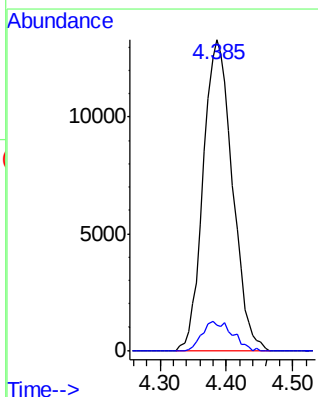
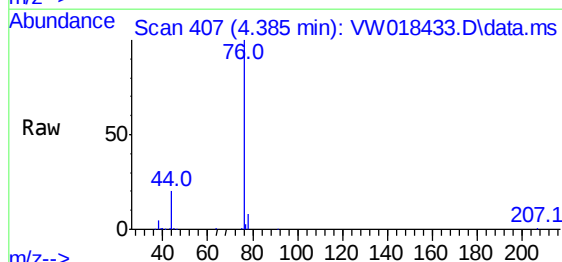
Instrument :
MSVOA_W
ClientSampleId :
BG4S1

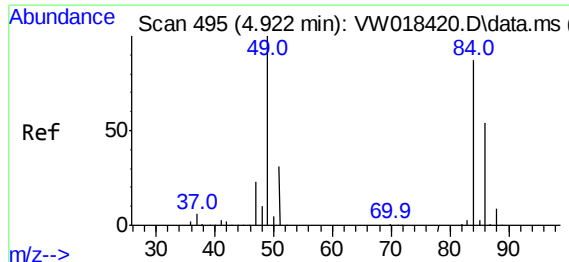
Tgt Ion: 43 Resp: 7898
Ion Ratio Lower Upper
43 100
58 9.1 0.0 62.2



#14
Carbon disulfide
Concen: 2.06 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018433.D
Acq: 23 Mar 2021 17:52

Tgt Ion: 76 Resp: 40464
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



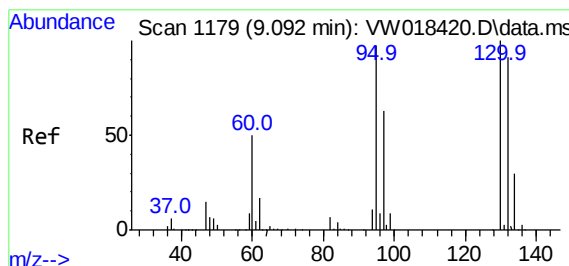
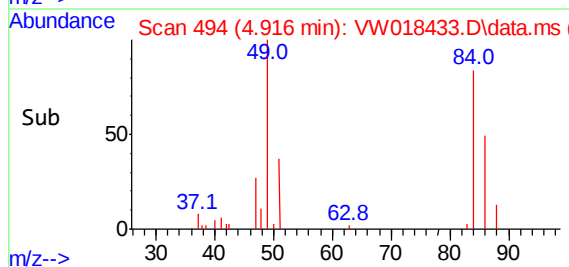
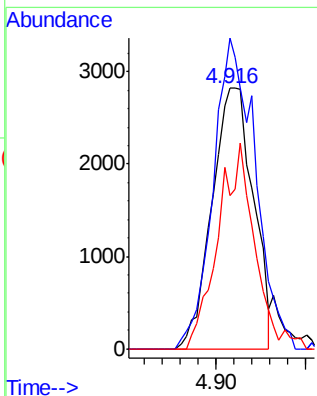
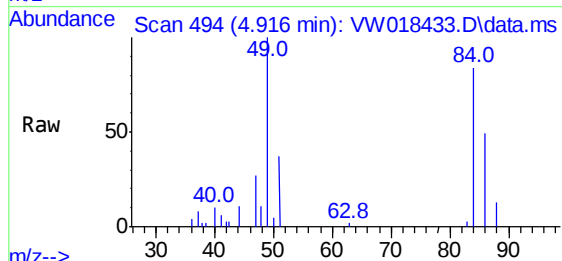


#16
Methylene chloride
Concen: 1.05 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018433.D
Acq: 23 Mar 2021 17:52

Instrument :
MSVOA_W
ClientSampleId :
BG4S1

Tgt Ion: 84 Resp: 8997

Ion	Ratio	Lower	Upper
84	100		
49	119.2	74.4	138.2
86	58.7	46.1	85.7



#35
Trichloroethene
Concen: 2.32 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018433.D
Acq: 23 Mar 2021 17:52

Tgt Ion: 95 Resp: 16304

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#

