

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018640.D
 Acq On : 13 Apr 2021 14:12
 Operator : SY/VA
 Sample : M2011-04RE
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG784RE

Quant Time: Apr 14 01:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

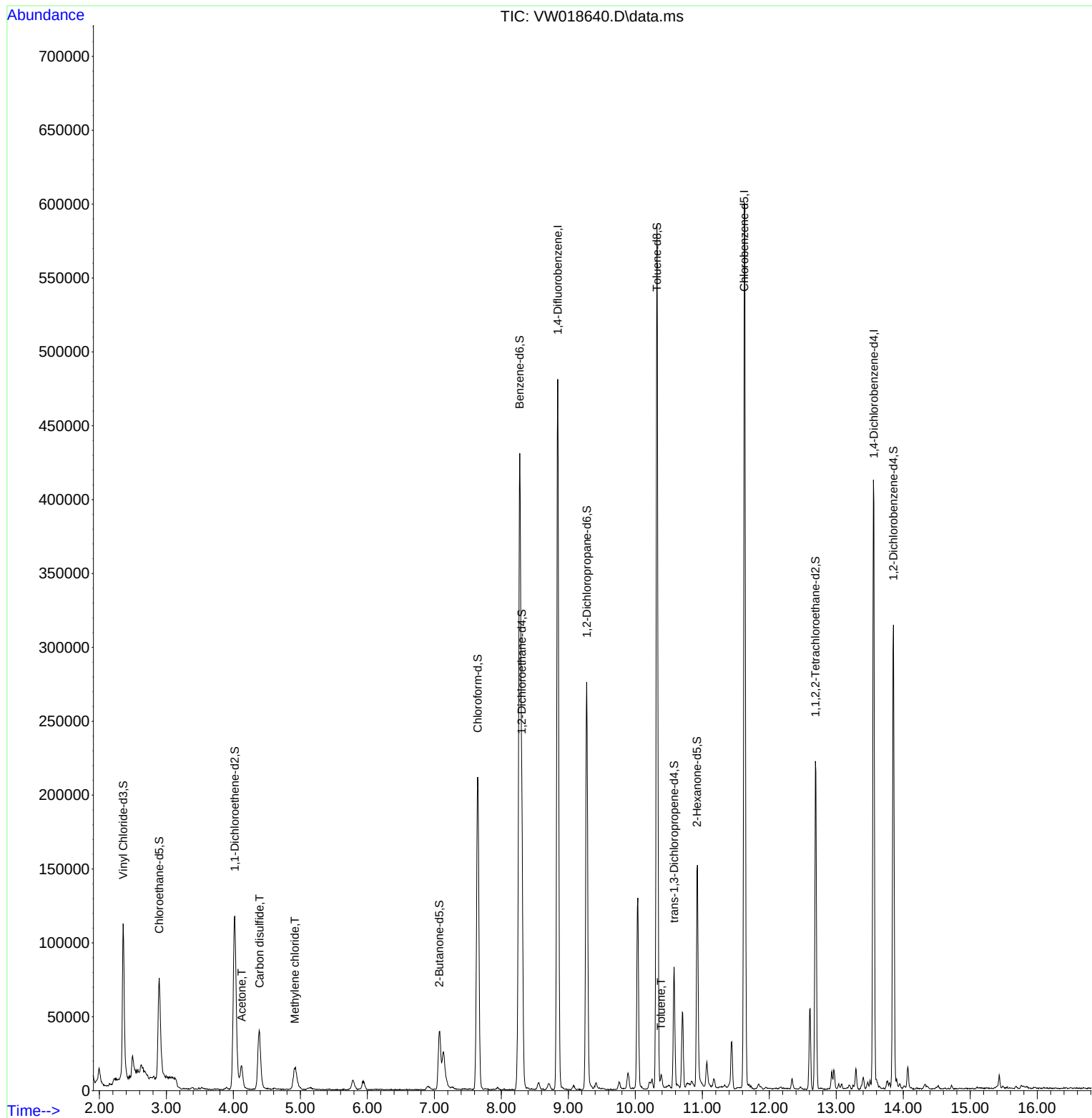
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392521	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	101755	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	123677	22.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.56%		
7) Chloroethane-d5	2.892	69	97117	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.24%		
10) 1,1-Dichloroethene-d2	4.019	63	129297	13.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.84%		
20) 2-Butanone-d5	7.074	46	67997	55.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.84%		
24) Chloroform-d	7.647	84	214198	21.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.68%		
26) 1,2-Dichloroethane-d4	8.305	65	134966	23.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.52%		
29) Benzene-d6	8.275	84	420660	24.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.48%		
33) 1,2-Dichloropropane-d6	9.274	67	124683	25.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.16%		
37) Toluene-d8	10.323	98	385873	23.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.88%		
38) trans-1,3-Dichloroprop...	10.579	79	43329	16.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.52%		
39) 2-Hexanone-d5	10.921	63	52283	53.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.32%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	105103	23.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	78732	21.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.04%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	26385	30.20	ug/L	96
14) Carbon disulfide	4.391	76	60867	4.10	ug/L	96
16) Methylene chloride	4.916	84	13704	2.13	ug/L	92
44) Toluene	10.384	91	6747	0.32	ug/L	92

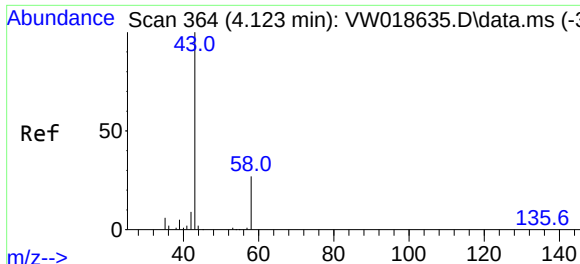
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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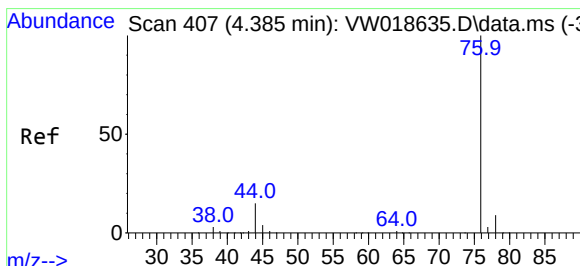
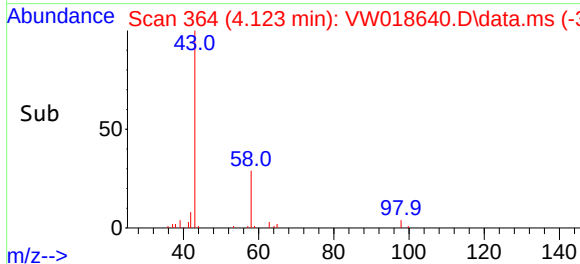
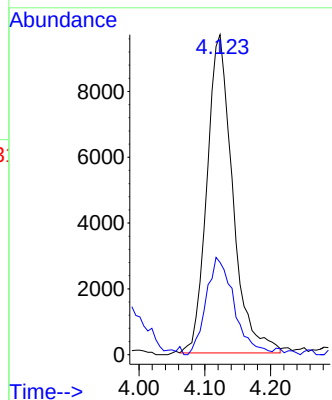
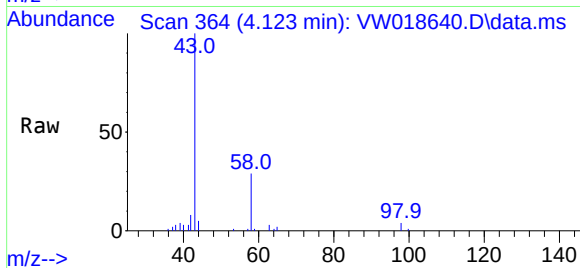




#13
Acetone
Concen: 30.20 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

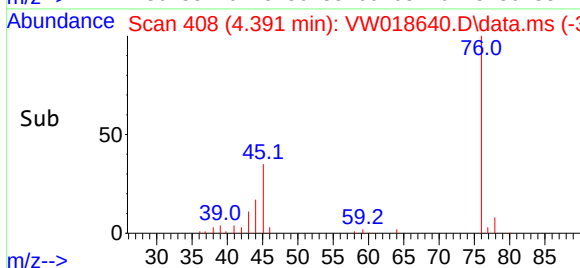
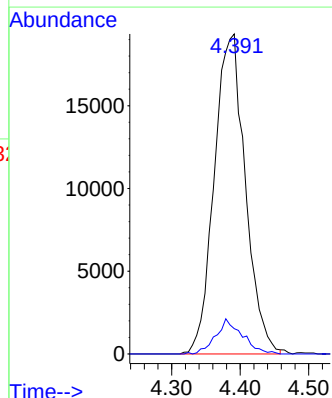
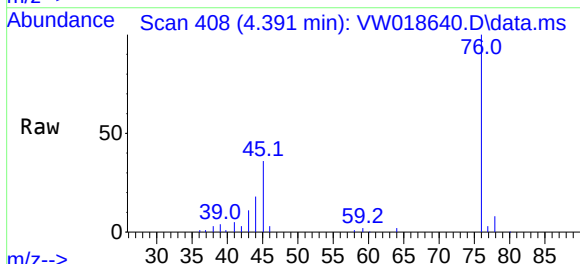
Instrument :
MSVOA_W
ClientSampled :
BG784RE

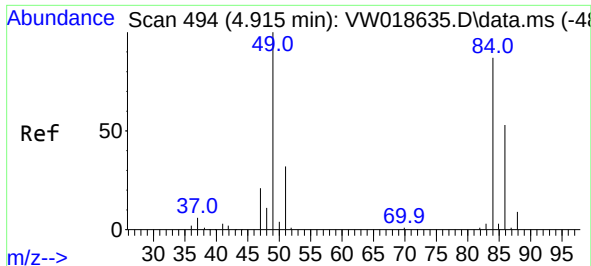
Tgt Ion: 43 Resp: 26385
Ion Ratio Lower Upper
43 100
58 33.2 0.0 62.2



#14
Carbon disulfide
Concen: 4.10 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 76 Resp: 60867
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

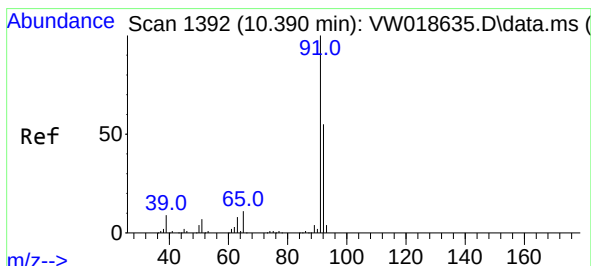
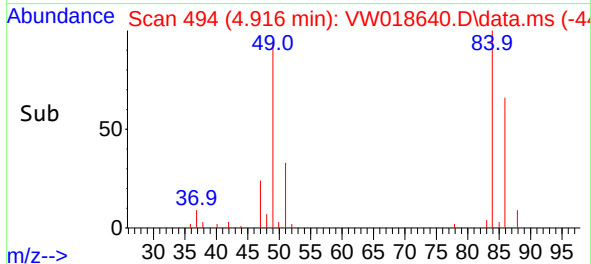
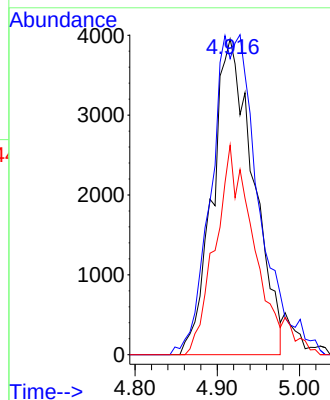
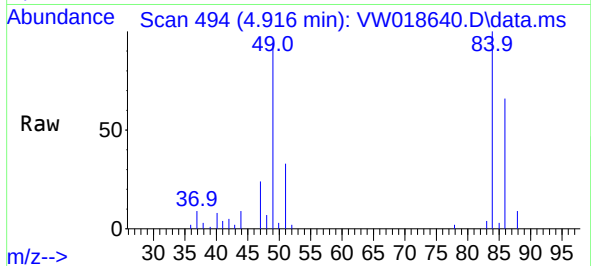




#16
Methylene chloride
Concen: 2.13 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 84 Resp: 13704
Ion Ratio Lower Upper
84 100
49 93.8 74.4 138.2
86 66.3 46.1 85.7



#44
Toluene
Concen: 0.32 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018640.D
Acq: 13 Apr 2021 14:12

Tgt Ion: 91 Resp: 6747
Ion Ratio Lower Upper
91 100
92 54.3 42.3 78.5

