

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009856.D
 Acq On : 10 Apr 2019 00:06
 Operator : SY/VA
 Sample : K2327-13
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0X7

Quant Time: Apr 24 03:43:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	459676	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448496	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120980	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	2.89	69	113757	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.01	63	231083	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	7.07	46	105766	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.65	84	325852	25.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	8.30	65	208985	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.56%
29) Benzene-d6	8.27	84	593141	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.27	67	188159	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.48%
37) Toluene-d8	10.32	98	513973	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	10.58	79	76401	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.12%
39) 2-Hexanone-d5	10.93	63	67633	49.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173650	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	181725	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

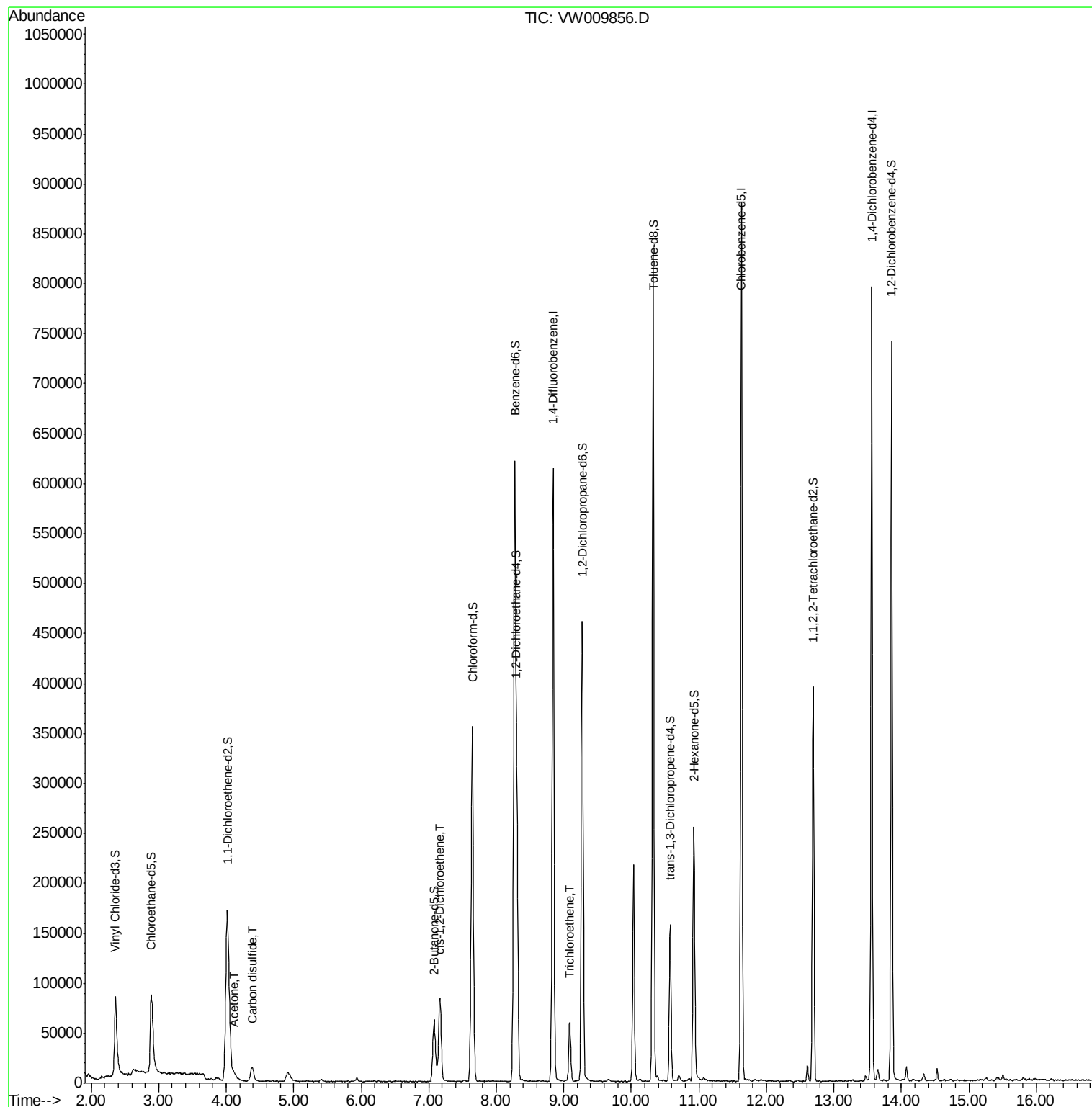
					Ovalue
13) Acetone	4.12	43	7188	3.435 ug/L	100
14) Carbon disulfide	4.38	76	28497	1.502 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	45233	6.661 ug/L	98
35) Trichloroethene	9.09	95	18708	2.649 ug/L	99

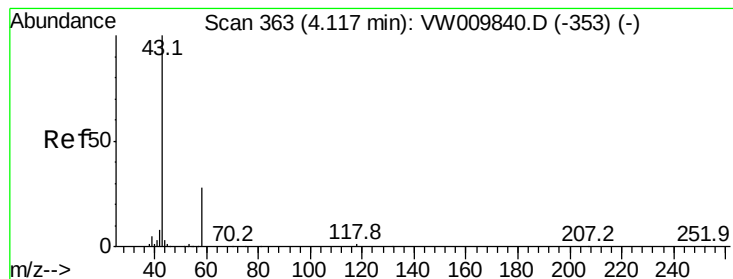
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.435 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 10 Apr 2019 00:06

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MSVOA_W

ClientSampleId :

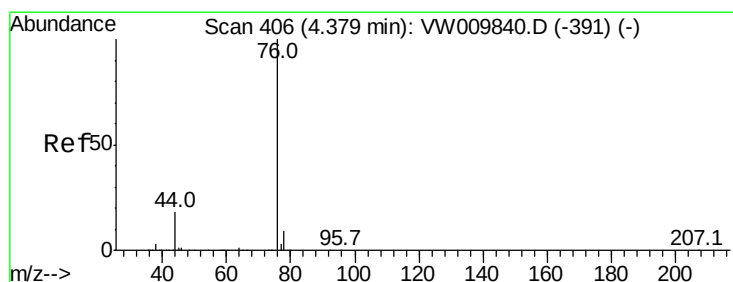
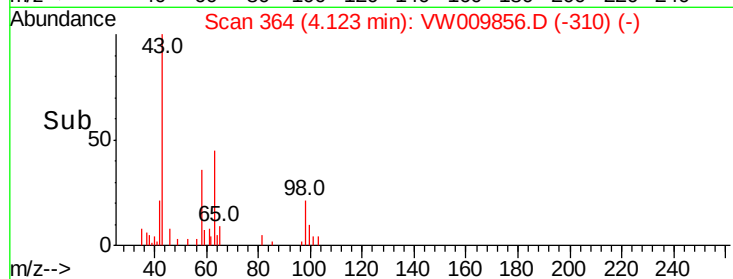
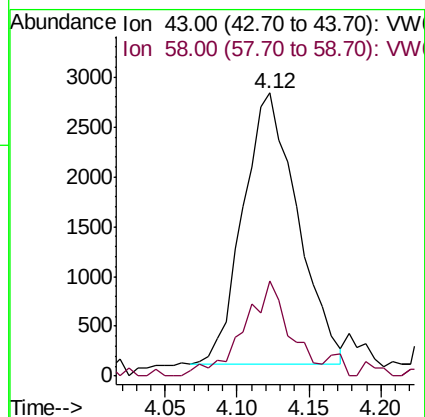
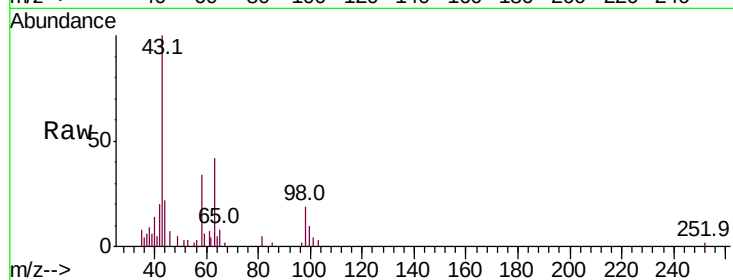
BF0X7

Tot Ion: 43 Resp: 7188

Ion Ratio Lower Upper

43 100

58 26.5 0.0 53.0



#14

Carbon disulfide

Concen: 1.502 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW009856.D

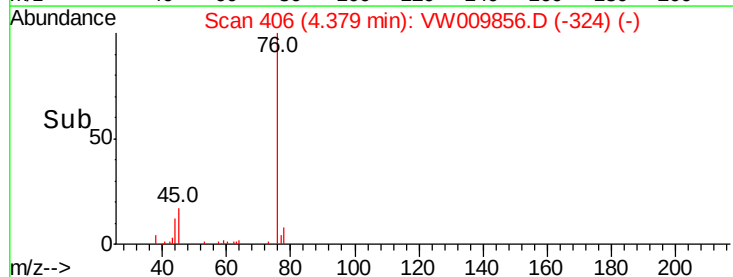
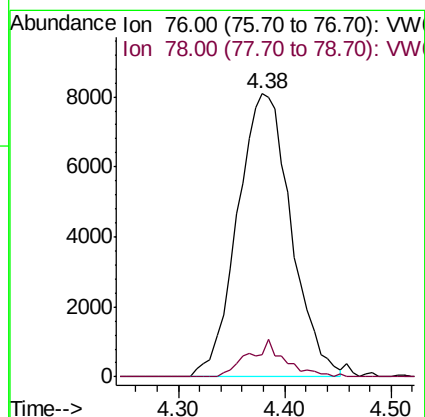
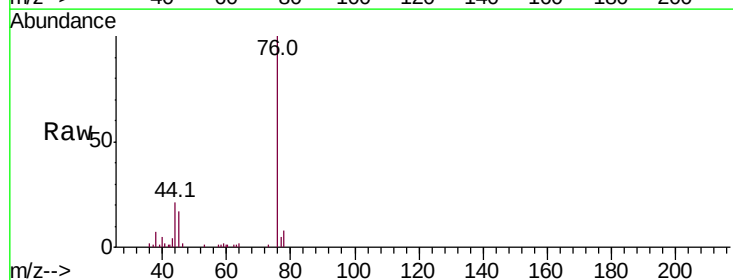
Acq: 10 Apr 2019 00:06

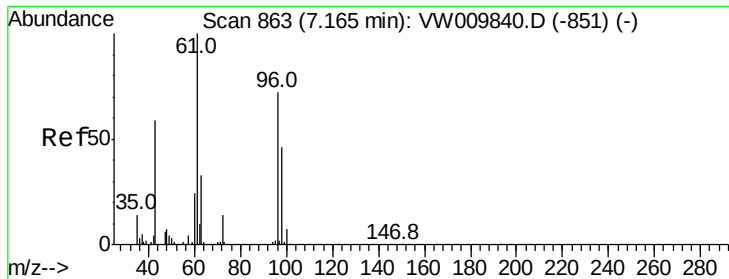
Tgt Ion: 76 Resp: 28497

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9



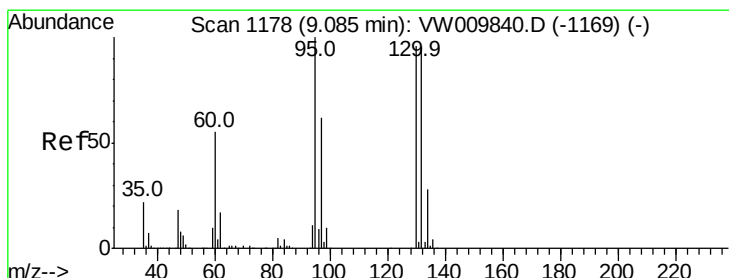
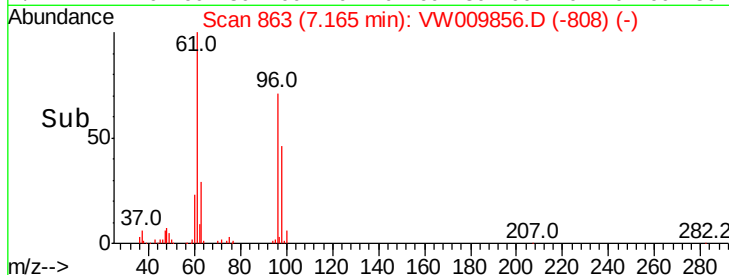
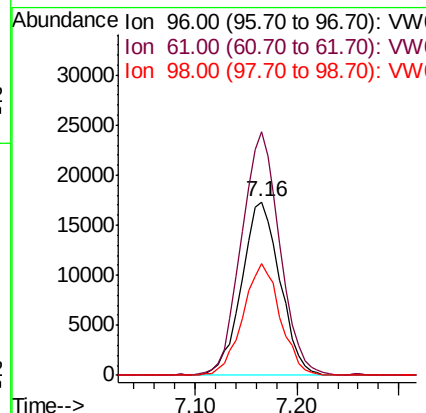
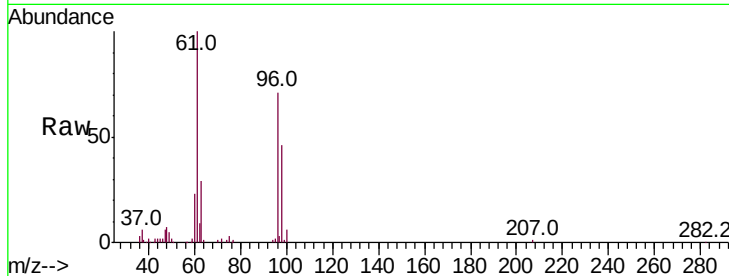


#22

cis-1,2-Dichloroethene
Concen: 6.661 ug/L
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009856.D
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Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	96.8	179.8
98	64.3	43.5	80.9



#35

Trichloroethene
Concen: 2.649 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009856.D
Acq: 10 Apr 2019 00:06

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.9	83.5
132	96.1	67.1	124.7
130	99.0	69.2	128.6

