

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009281.D
 Acq On : 20 Mar 2019 12:27
 Operator : SY/VA
 Sample : K1986-03
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B0

Quant Time: Mar 22 06:57:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114173	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
7) Chloroethane-d5	2.90	69	108961	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.02	63	176818	19.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.32%
20) 2-Butanone-d5	7.07	46	86049	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
24) Chloroform-d	7.65	84	230615	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.30	65	142227	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.27	84	442273	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	9.27	67	133587	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	385664	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	58861	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.93	63	64704	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118042	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	121397	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

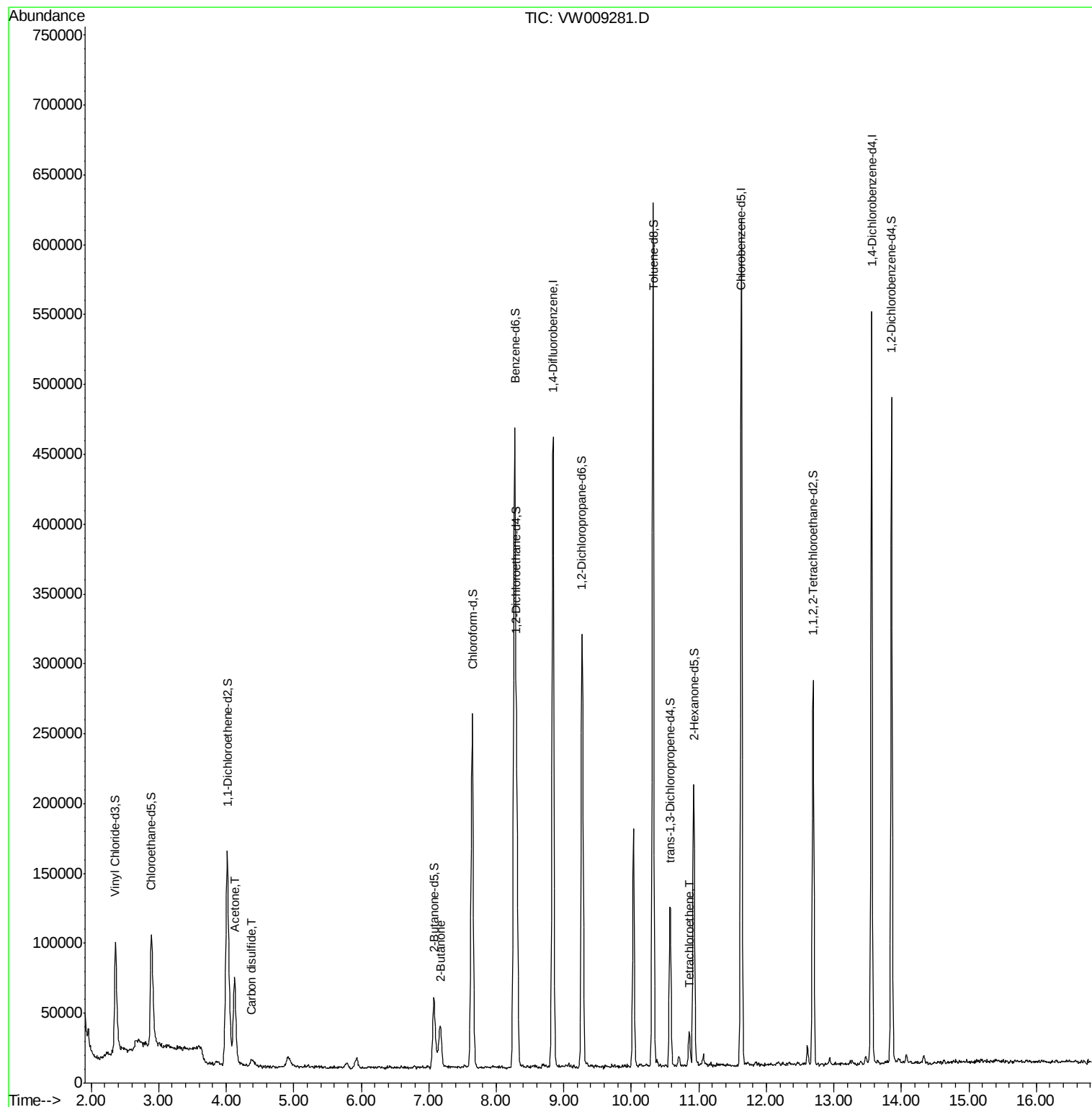
					Ovalue
13) Acetone	4.12	43	108219	74.406	ug/L 99
14) Carbon disulfide	4.38	76	9003	0.757	ug/L # 92
21) 2-Butanone	7.17	43	39581	19.709	ug/L 95
47) Tetrachloroethene	10.86	164	4974	1.274	ug/L 93

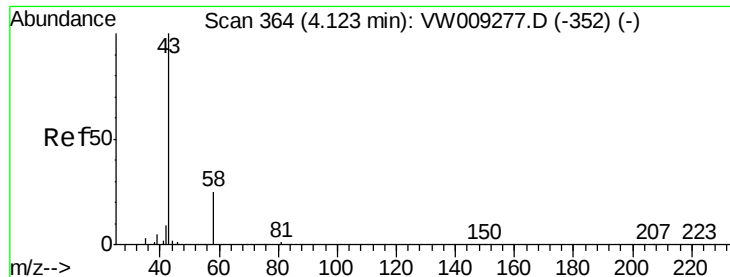
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 74.406 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW009281.D

Acq: 20 Mar 2019 12:27

Instrument :

MSVOA_W

ClientSampled :

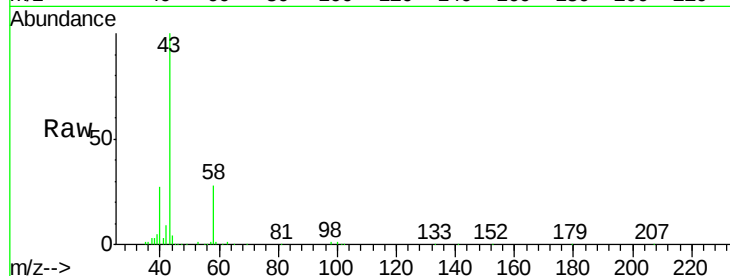
BF0B0

Tot Ion: 43 Resp: 108219

Ion Ratio Lower Upper

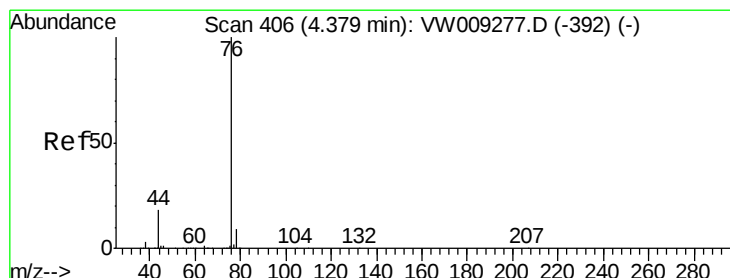
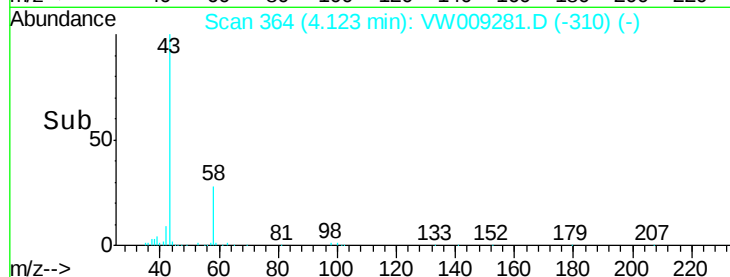
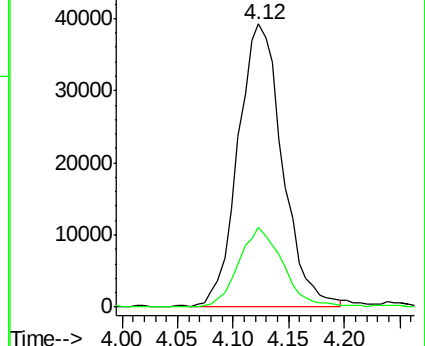
43 100

58 28.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.757 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW009281.D

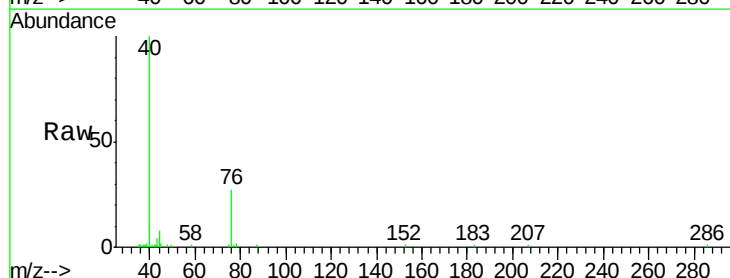
Acq: 20 Mar 2019 12:27

Tgt Ion: 76 Resp: 9003

Ion Ratio Lower Upper

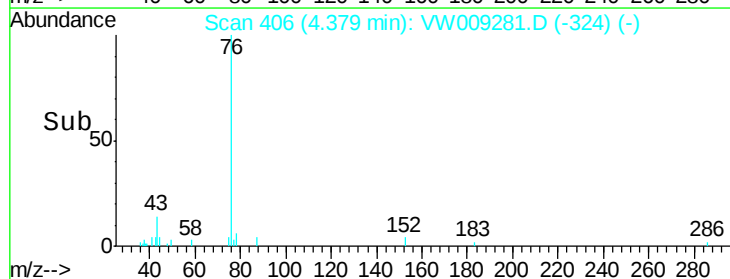
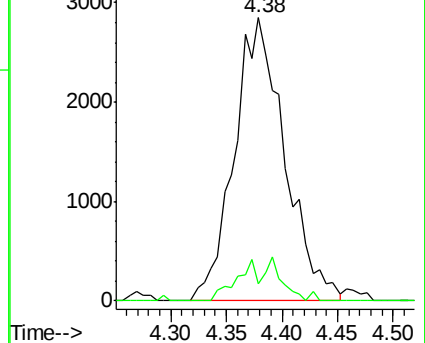
76 100

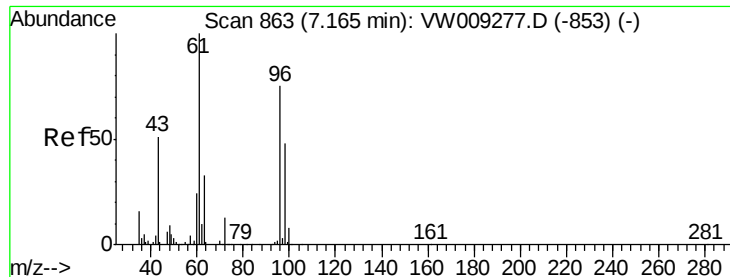
78 6.3 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 19.709 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

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Acq: 20 Mar 2019 12:27

Instrument :

MSVOA_W

ClientSampleId :

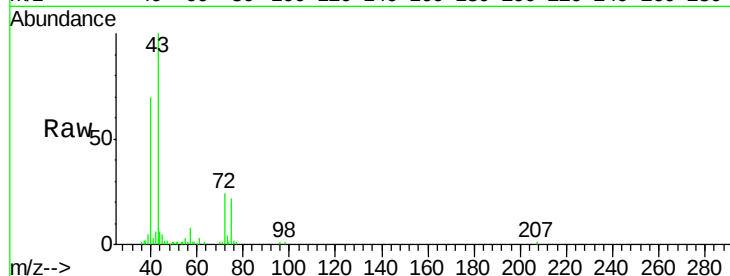
BF0B0

Tot Ion: 43 Resp: 39581

Ion Ratio Lower Upper

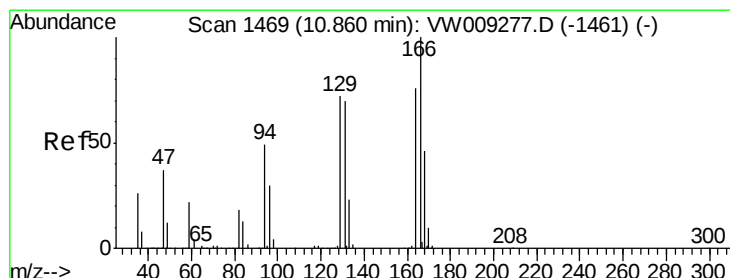
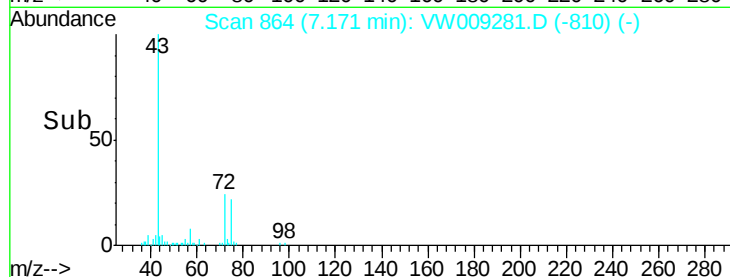
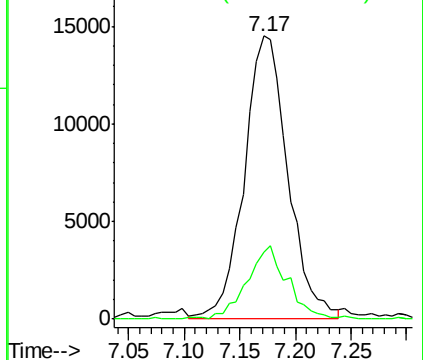
43 100

72 23.7 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#47

Tetrachloroethene

Concen: 1.274 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009281.D

Acq: 20 Mar 2019 12:27

Tgt Ion: 164 Resp: 4974

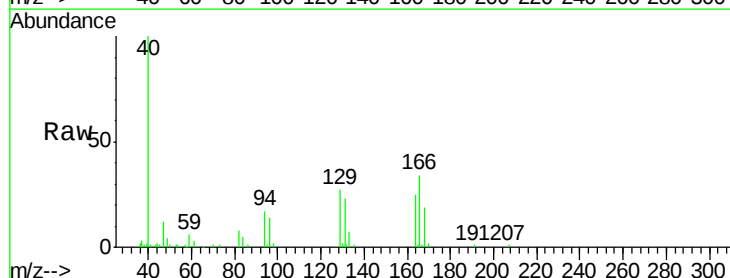
Ion Ratio Lower Upper

164 100

129 110.2 66.5 123.5

131 91.3 62.6 116.3

166 136.8 91.6 170.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

