

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009683.D
 Acq On : 04 Apr 2019 04:05
 Operator : SY/VA
 Sample : K2188-05
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF661

Quant Time: Apr 04 06:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	384819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318604	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146479	29.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.36%
7) Chloroethane-d5	2.89	69	122761	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.01	63	221883	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.96%
20) 2-Butanone-d5	7.07	46	111679	68.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.62%#
24) Chloroform-d	7.65	84	277833	26.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.84%
26) 1,2-Dichloroethane-d4	8.30	65	191093	29.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.56%
29) Benzene-d6	8.27	84	539655	32.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.08%
33) 1,2-Dichloropropane-d6	9.27	67	168459	32.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.44%#
37) Toluene-d8	10.32	98	446683	28.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.56%
38) trans-1,3-Dichloropropene-	10.58	79	63042	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.36%
39) 2-Hexanone-d5	10.93	63	75742	77.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135194	28.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	107095	28.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.28%

Target Compounds

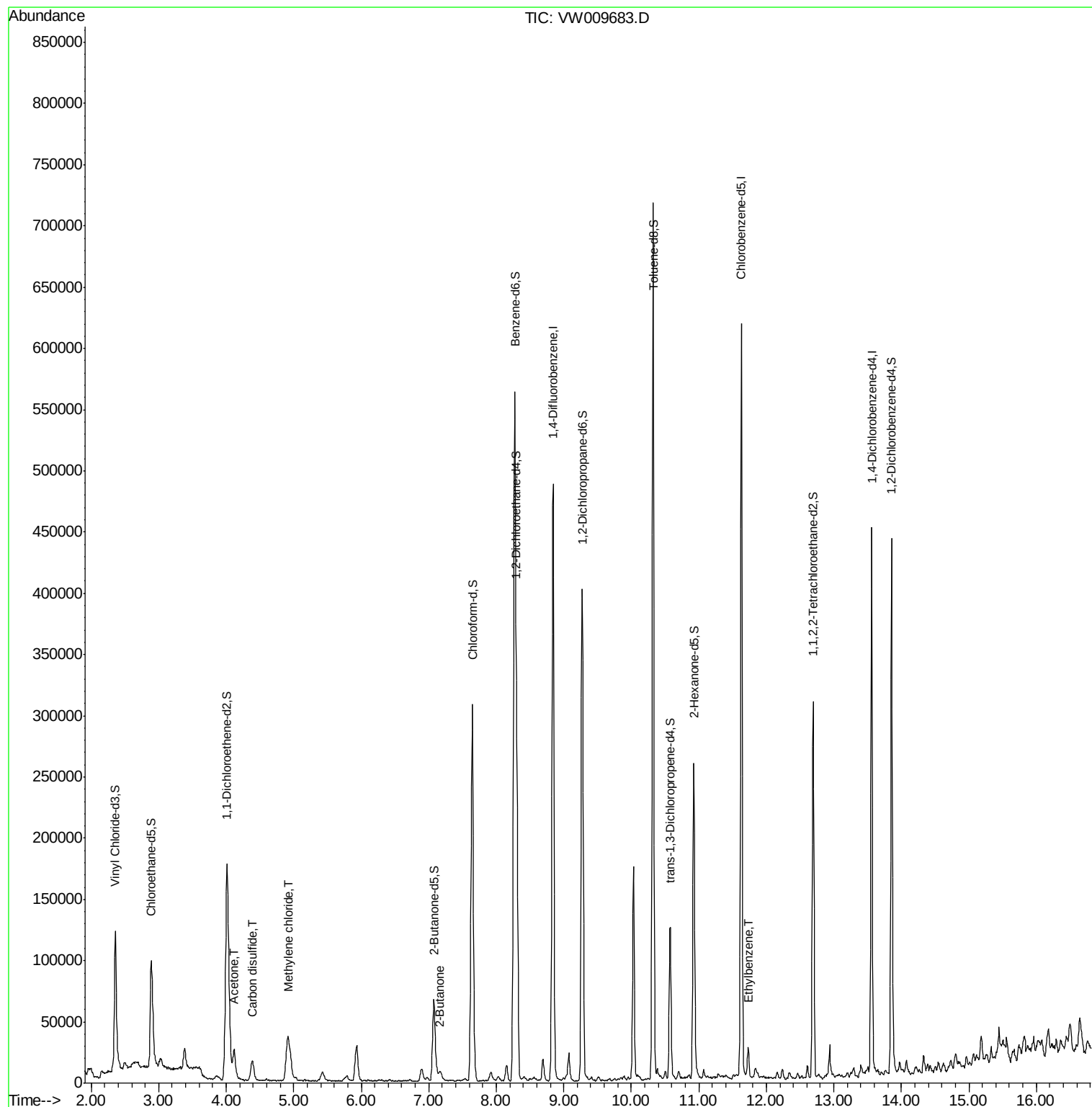
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	37332	21.310	ug/L	98
14) Carbon disulfide	4.38	76	19770	1.244	ug/L	99
16) Methylene chloride	4.91	84	30227	4.454	ug/L	97
21) 2-Butanone	7.16	43	9873	4.431	ug/L	98
53) Ethylbenzene	11.73	91	14113	0.610	ug/L	98

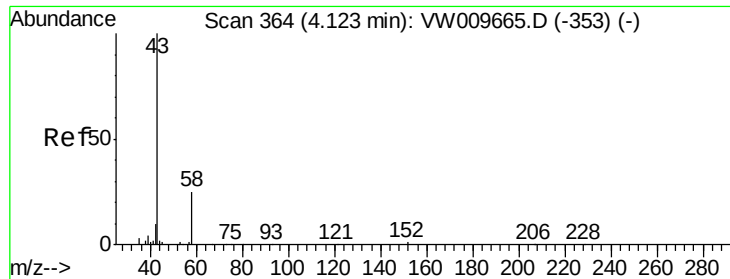
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 21.310 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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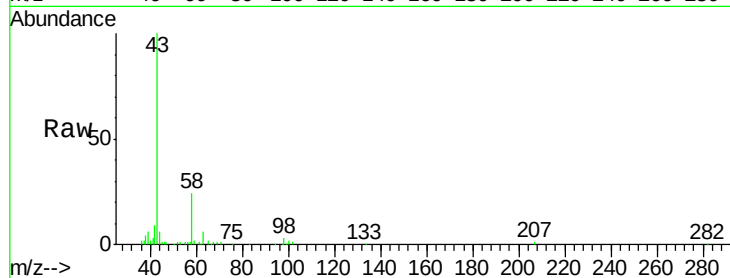
BF661

Tot Ion: 43 Resp: 37332

Ion Ratio Lower Upper

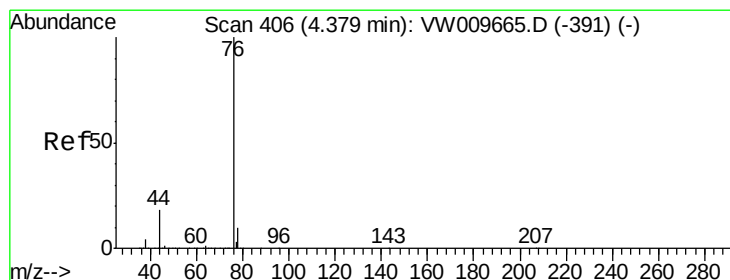
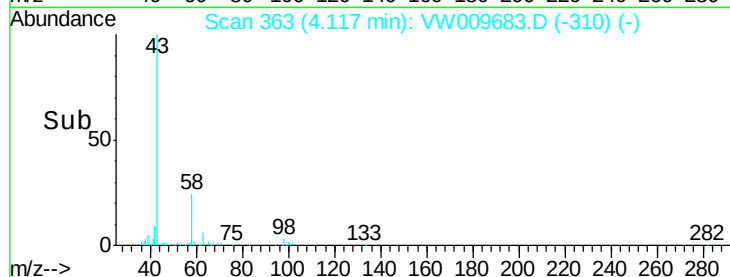
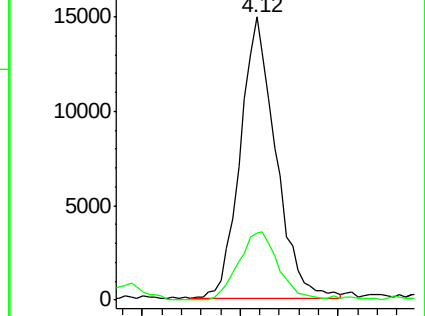
43 100

58 27.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.244 ug/L

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW009683.D

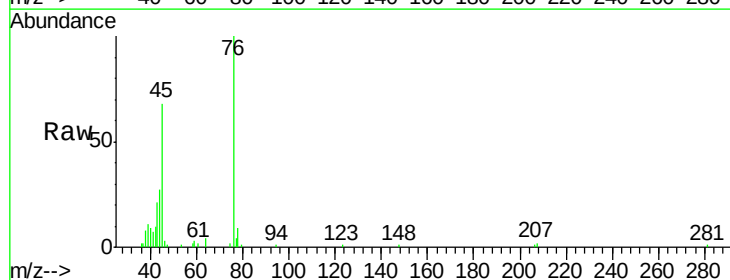
Acq: 04 Apr 2019 04:05

Tgt Ion: 76 Resp: 19770

Ion Ratio Lower Upper

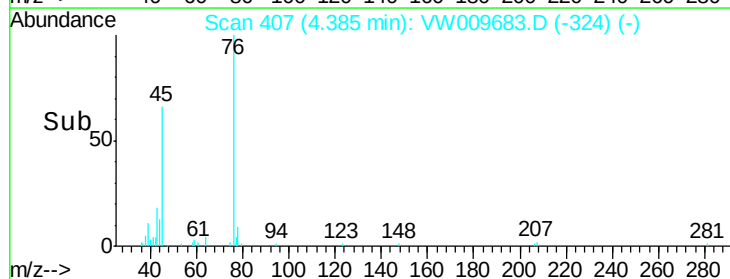
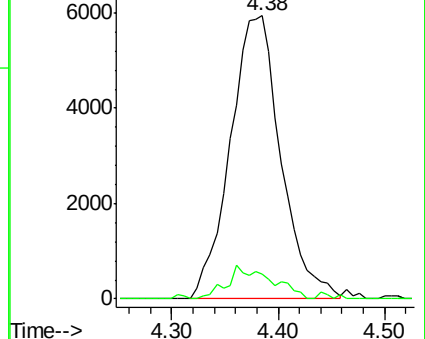
76 100

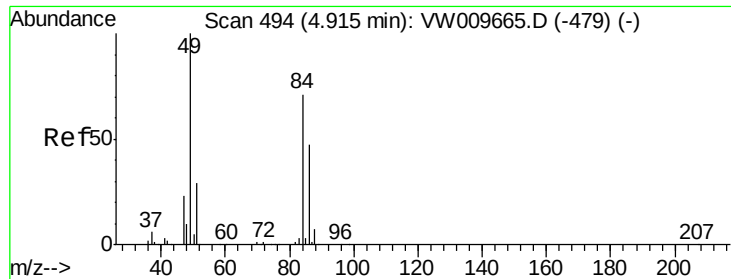
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

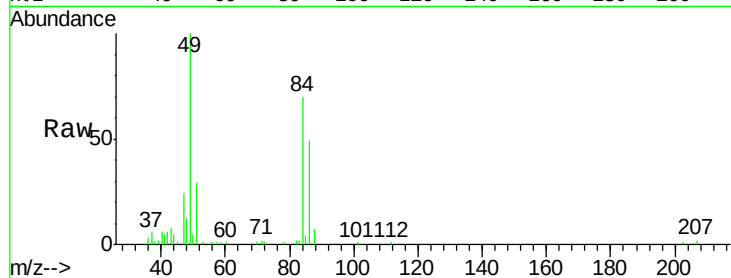




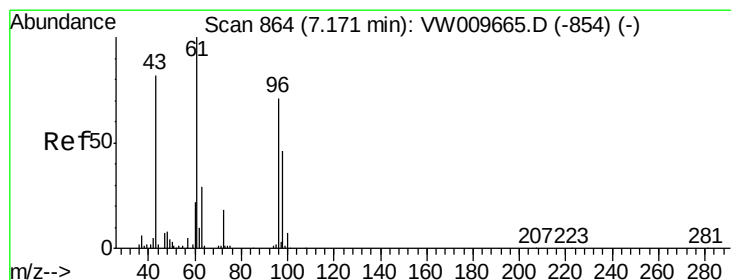
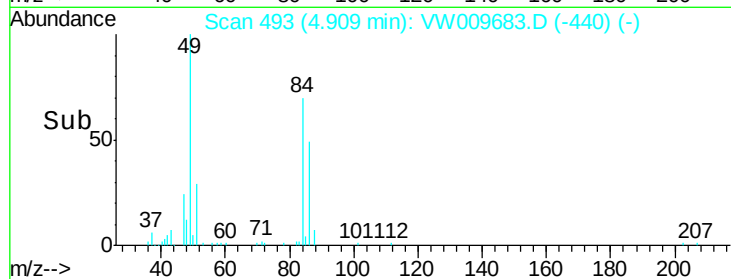
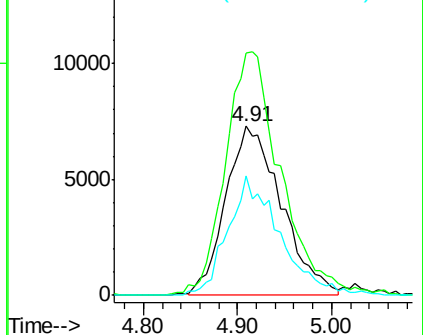
#16
Methylene chloride
Concen: 4.454 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009683.D
Acq: 04 Apr 2019 04:05

Instrument :
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ClientSampleId :
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Tot Ion: 84 Resp: 30227
Ion Ratio Lower Upper
84 100
49 143.3 98.3 182.5
86 70.4 46.4 86.2

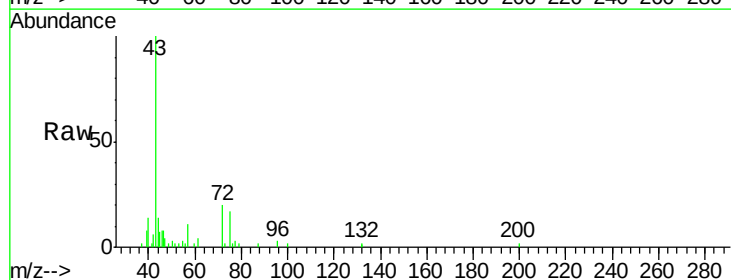


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

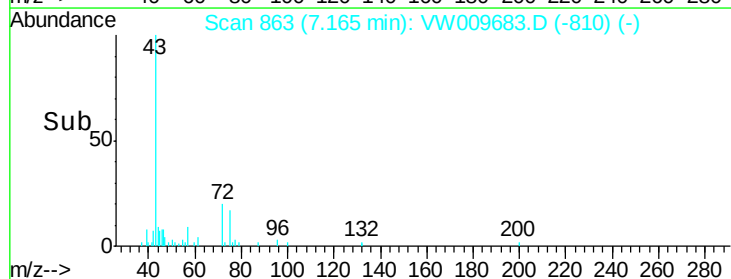
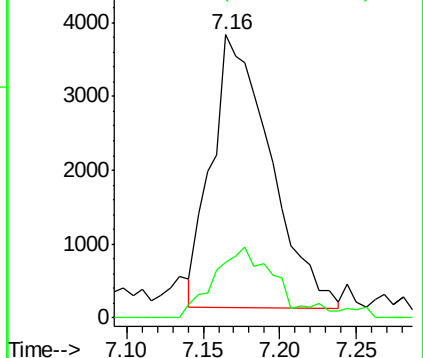


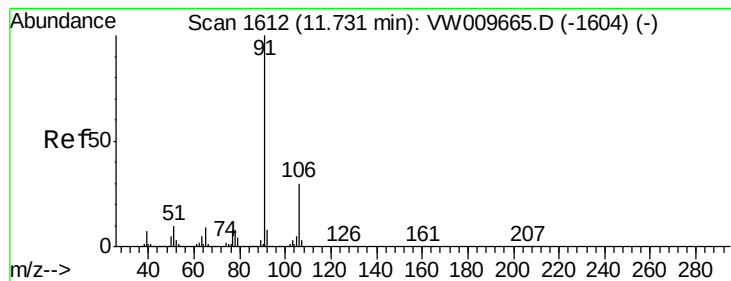
#21
2-Butanone
Concen: 4.431 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009683.D
Acq: 04 Apr 2019 04:05

Tgt Ion: 43 Resp: 9873
Ion Ratio Lower Upper
43 100
72 24.9 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#53

Ethylbenzene

Concen: 0.610 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009683.D

Acq: 04 Apr 2019 04:05

Instrument :

MSVOA_W

ClientSampleId :

BF661

Tot Ion: 91 Resp: 14113

Ion Ratio Lower Upper

91 100

106 31.6 21.5 39.9

