

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
 Data File : VW003434.D
 Acq On : 22 Jun 2018 18:47
 Operator : SY/AP
 Sample : J3621-19
 Misc : 4.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ93

Quant Time: Jun 23 02:16:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 02:14:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	213141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	150269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	51214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53156	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	2.89	69	64919	26.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.68%
10) 1,1-Dichloroethene-d2	4.01	63	106108	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.96%
20) 2-Butanone-d5	7.09	46	51794	56.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.72%
24) Chloroform-d	7.65	84	170171	30.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.40%
26) 1,2-Dichloroethane-d4	8.31	65	83491	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	294828	36.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	147.92%#
33) 1,2-Dichloropropane-d6	9.28	67	106968	42.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.52%#
37) Toluene-d8	10.33	98	234545	30.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.08%
38) trans-1,3-Dichloropropene-	10.58	79	16428	13.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.44%
39) 2-Hexanone-d5	10.93	63	30105	58.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84054	35.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.20%#
61) 1,2-Dichlorobenzene-d4	13.87	152	56939	29.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.76%

Target Compounds

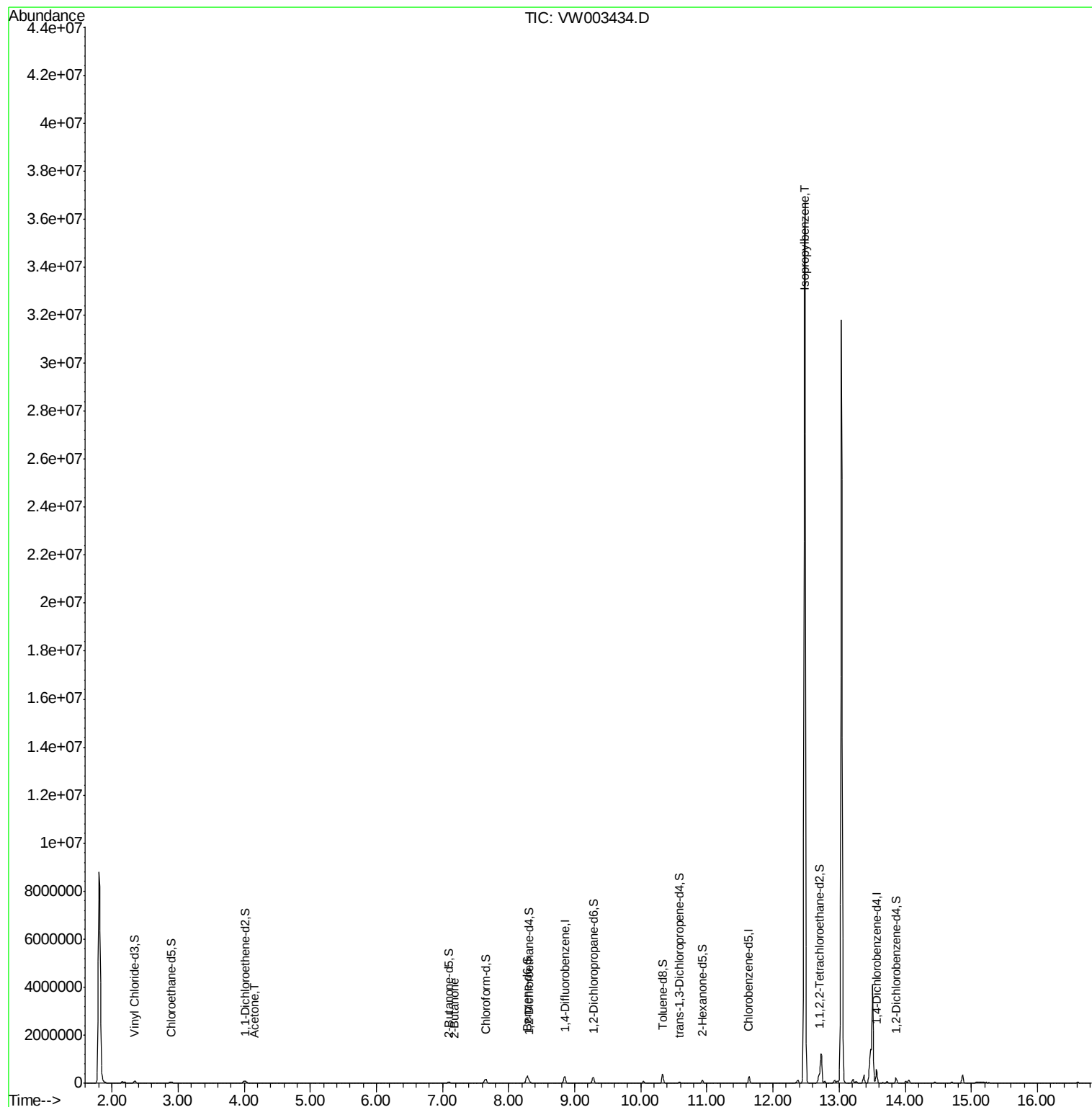
					Qvalue
13) Acetone	4.14	43	27060	27.871 ug/L	98
21) 2-Butanone	7.19	43	2565	2.248 ug/L	82
57) Isopropylbenzene	12.48	105	1443777	141.306 ug/L #	1

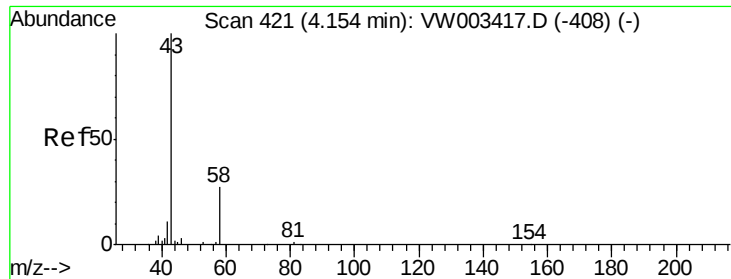
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.871 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

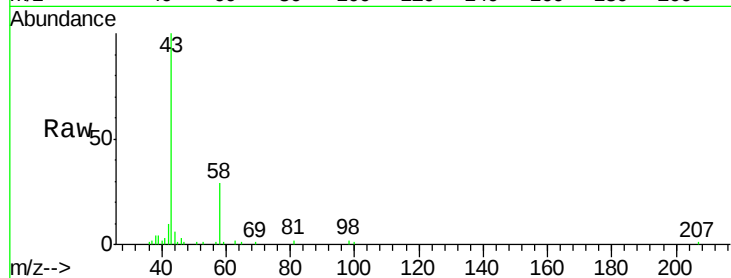
DAZ93

Tgt Ion: 43 Resp: 27060

Ion Ratio Lower Upper

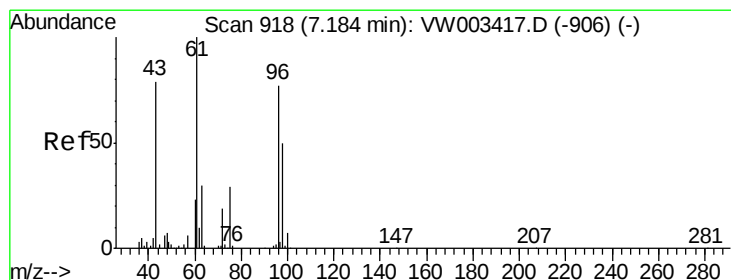
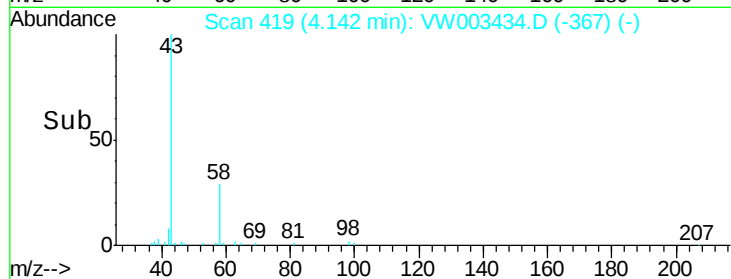
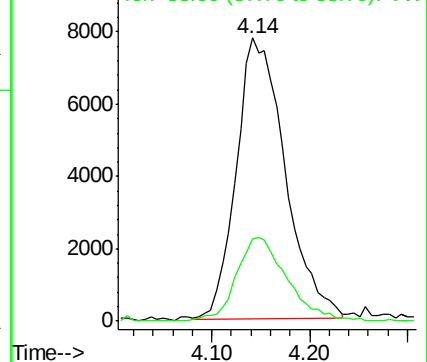
43 100

58 30.3 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.248 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

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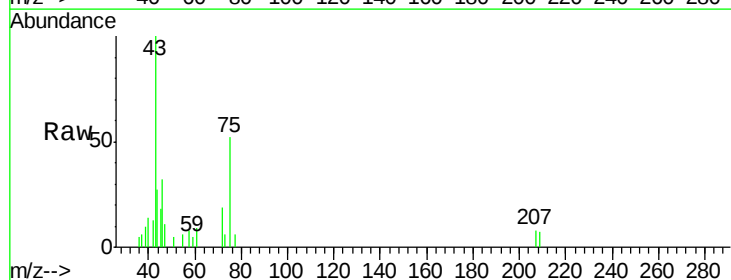
Acq: 22 Jun 2018 18:47

Tgt Ion: 43 Resp: 2565

Ion Ratio Lower Upper

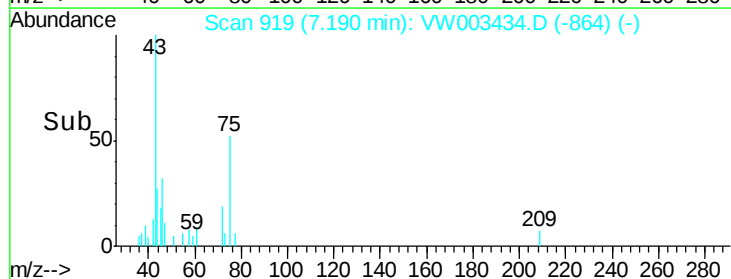
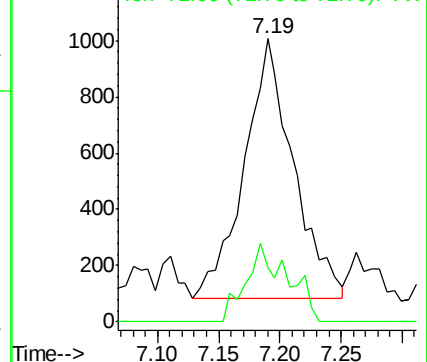
43 100

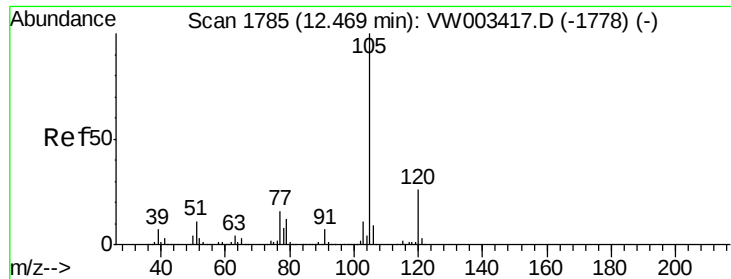
72 16.0 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#57

Isopropylbenzene

Concen: 141.306 ug/L

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

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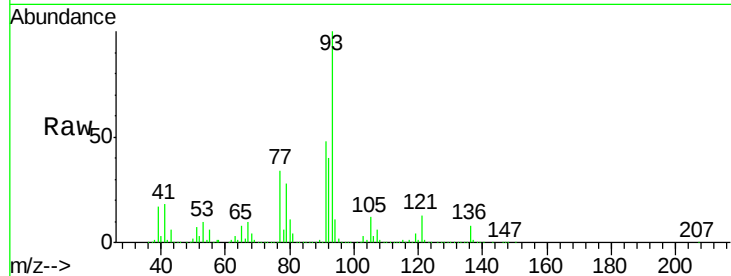
Tgt Ion:105 Resp: 1443777

Ion Ratio Lower Upper

105 100

120 5.6 21.0 31.4#

77 300.0 13.3 19.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

