

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010170.D
 Acq On : 27 Apr 2019 00:17
 Operator : SY/VA
 Sample : K2596-14
 Misc : 3.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH69

Quant Time: Apr 27 01:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	616016	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	502791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109147	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	2.89	69	99696	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
10) 1,1-Dichloroethene-d2	4.01	63	196725	11.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.52%
20) 2-Butanone-d5	7.08	46	64700	23.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.54%
24) Chloroform-d	7.65	84	317542	19.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.44%
26) 1,2-Dichloroethane-d4	8.31	65	191269	19.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.76%
29) Benzene-d6	8.27	84	546474	19.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.76%
33) 1,2-Dichloropropane-d6	9.27	67	197205	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.84%
37) Toluene-d8	10.32	98	456629	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.60%
38) trans-1,3-Dichloropropene-	10.58	79	53917	13.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.72%
39) 2-Hexanone-d5	10.93	63	42908	23.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155402	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	137497	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

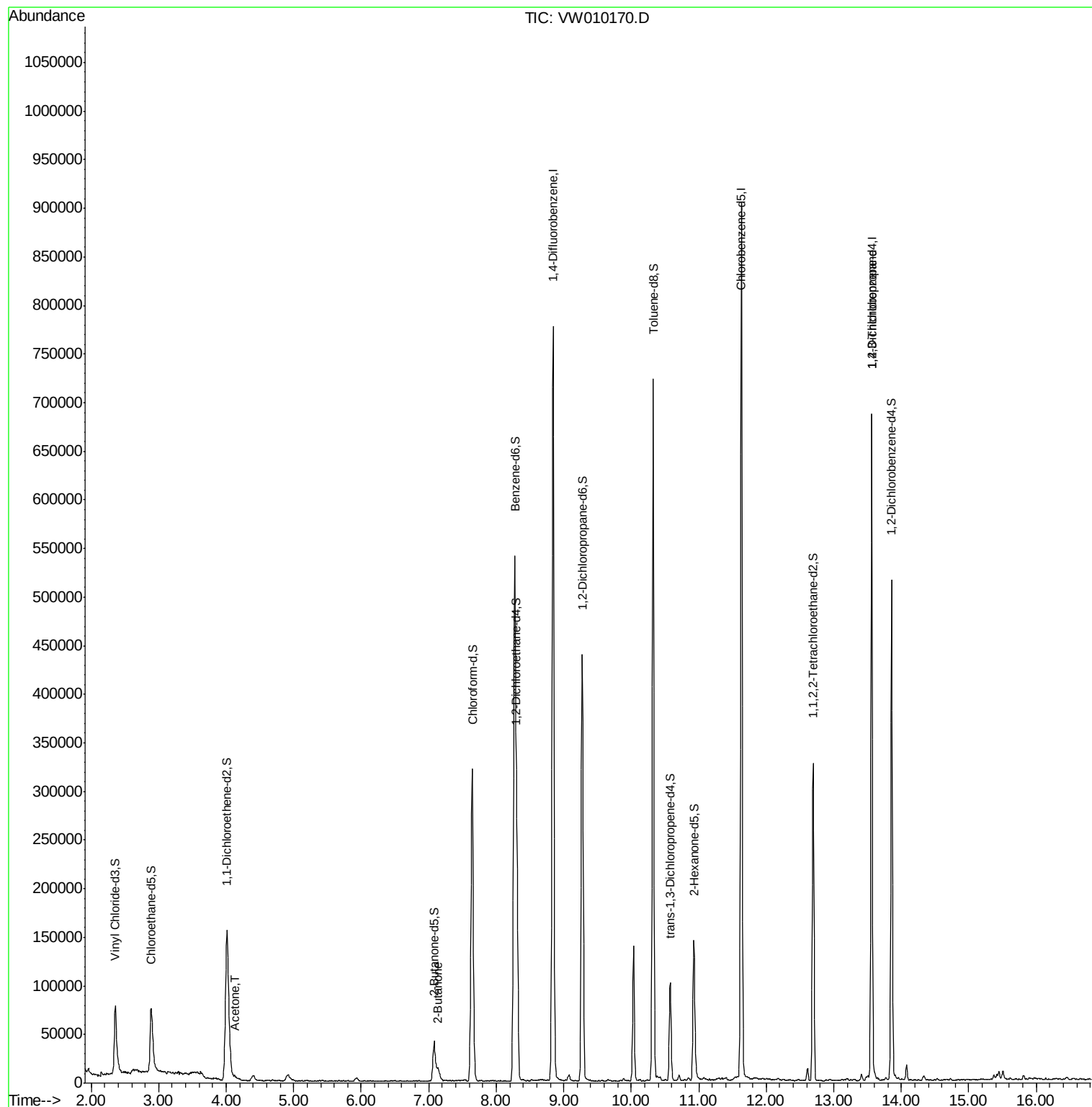
Target Compounds					Qvalue
13) Acetone	4.13	43	3555	1.694 ug/L	84
21) 2-Butanone	7.13	43	13496	4.147 ug/L #	53
59) 1,2,3-Trichloropropane	13.56	75	20572	3.748 ug/L	91

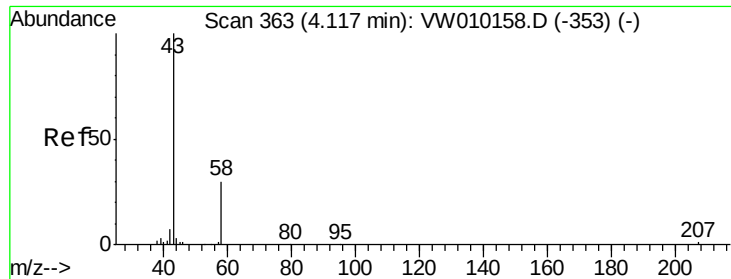
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.694 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010170.D

Acq: 27 Apr 2019 00:17

Instrument :

MSVOA_W

ClientSampled :

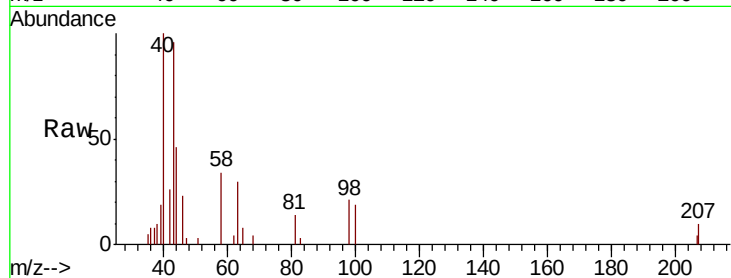
BFH69

Tgt Ion: 43 Resp: 3555

Ion Ratio Lower Upper

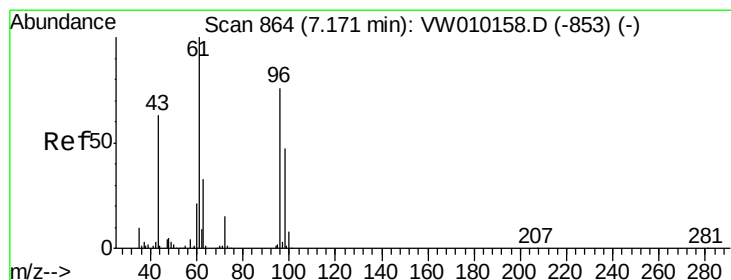
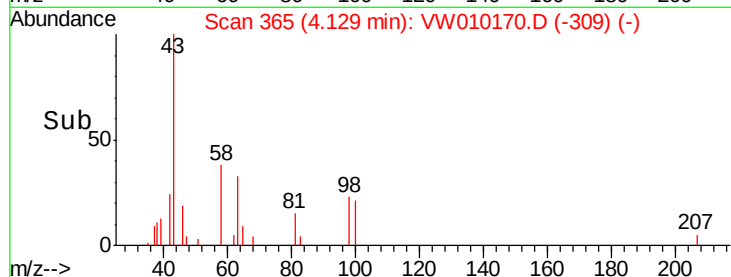
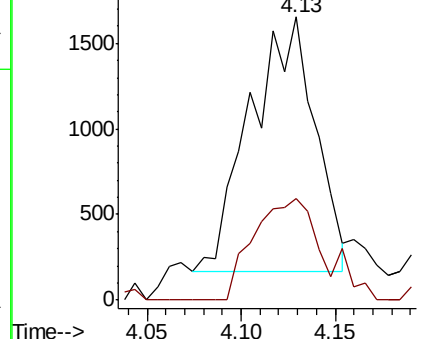
43 100

58 37.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 4.147 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

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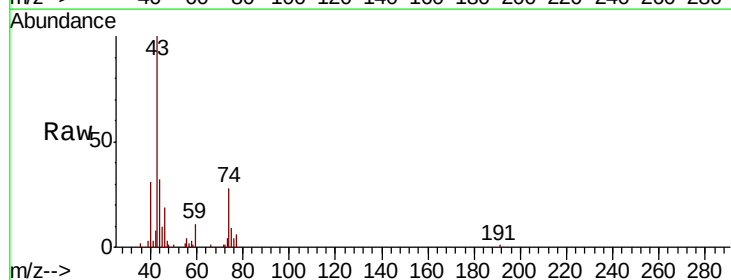
Acq: 27 Apr 2019 00:17

Tgt Ion: 43 Resp: 13496

Ion Ratio Lower Upper

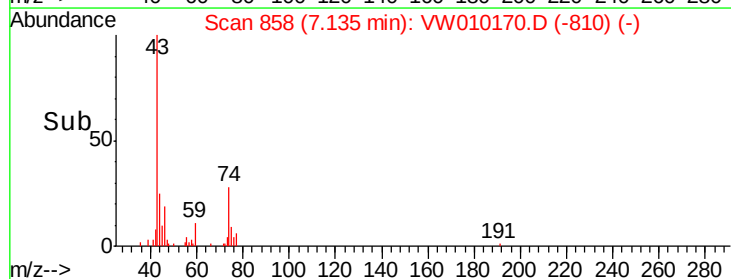
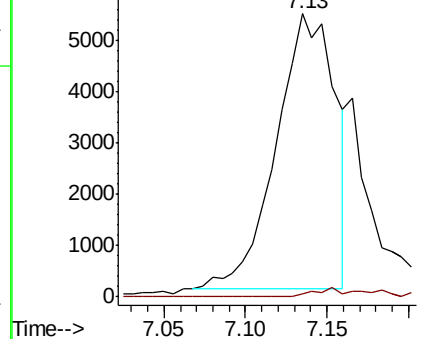
43 100

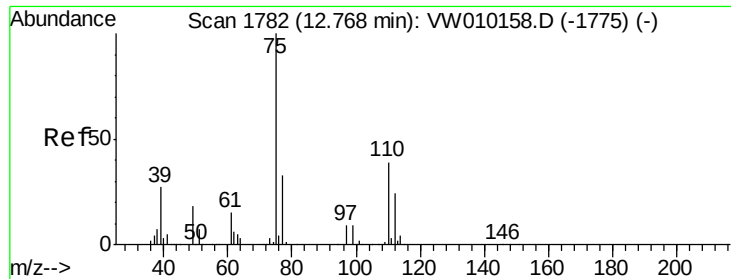
72 1.3 12.3 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.748 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 20572

Ion Ratio Lower Upper

75 100

77 37.4 26.1 39.1

