

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004054.D
 Acq On : 20 Jul 2018 00:25
 Operator : VA/AP
 Sample : J4023-05
 Misc : 7.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K6

Quant Time: Jul 20 07:22:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	281573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	91793	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63422	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	50045	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
10) 1,1-Dichloroethene-d2	4.01	63	107671	16.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.44%
20) 2-Butanone-d5	7.08	46	56123	34.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.72%
24) Chloroform-d	7.65	84	177418	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.31	65	106249	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.28	84	307805	25.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.84%
33) 1,2-Dichloropropane-d6	9.28	67	111746	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.00%
37) Toluene-d8	10.33	98	255552	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloropropene-	10.58	79	38065	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	38857	36.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	93361	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	75356	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

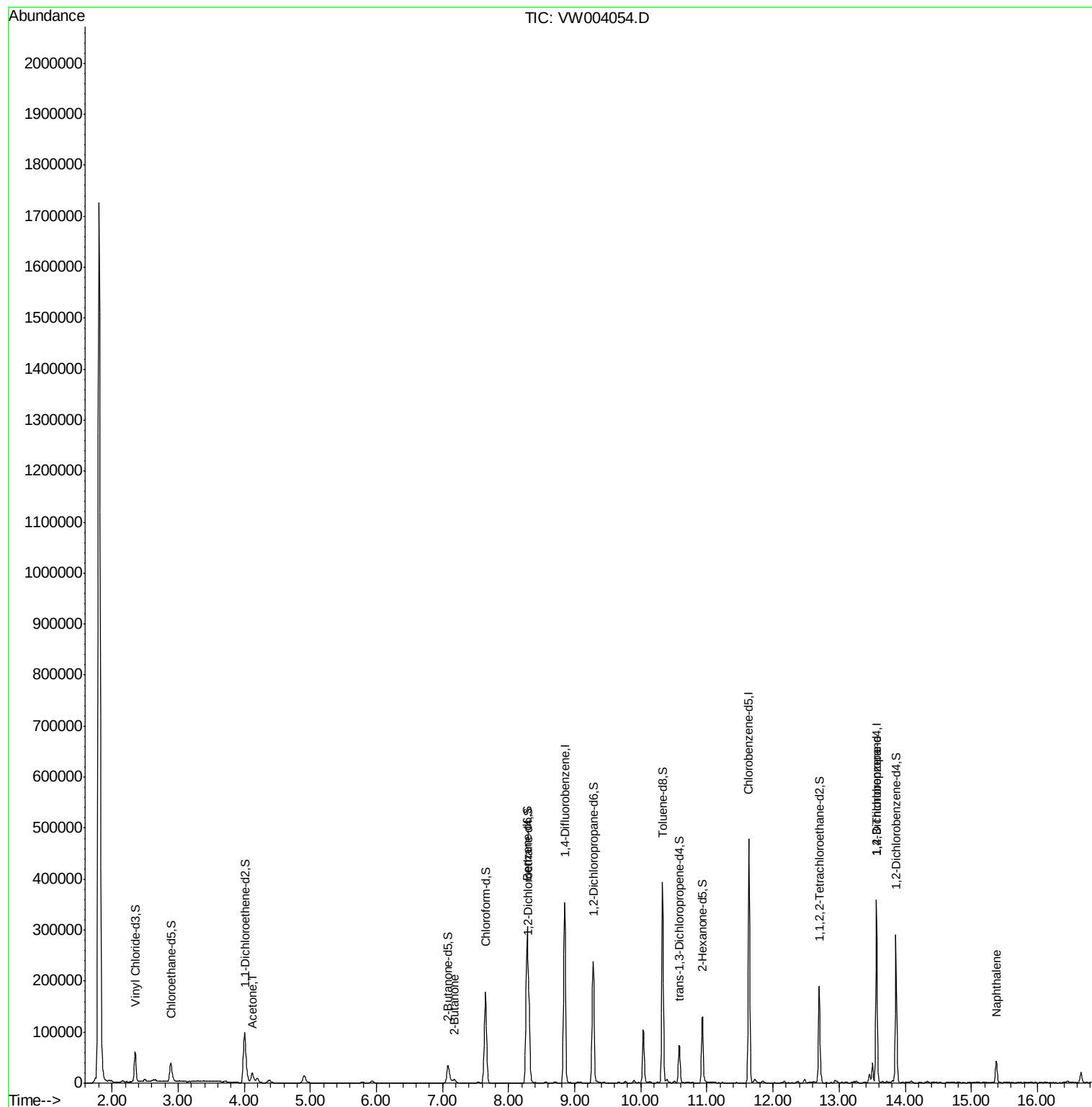
Target Compounds					Qvalue
13) Acetone	4.12	43	30710	17.295 ug/L	100
21) 2-Butanone	7.18	43	8728	3.962 ug/L	96
59) 1,2,3-Trichloropropane	13.57	75	12032	3.293 ug/L	89
69) Naphthalene	15.38	128	33987	4.210 ug/L	97

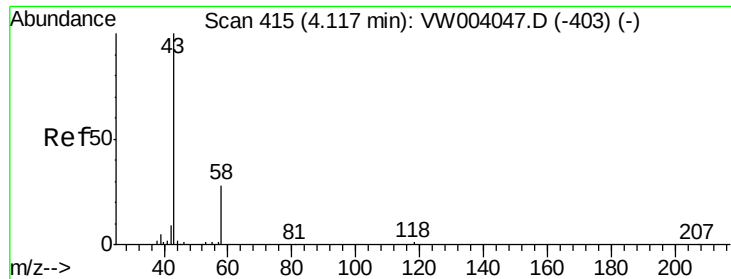
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.295 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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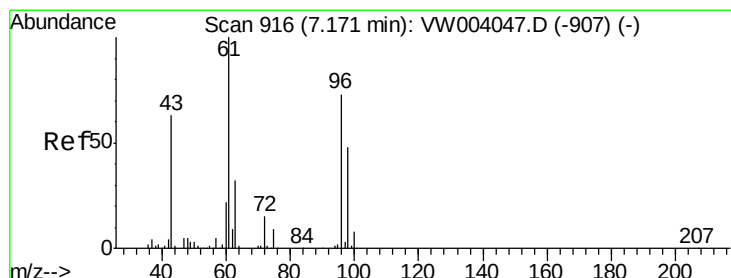
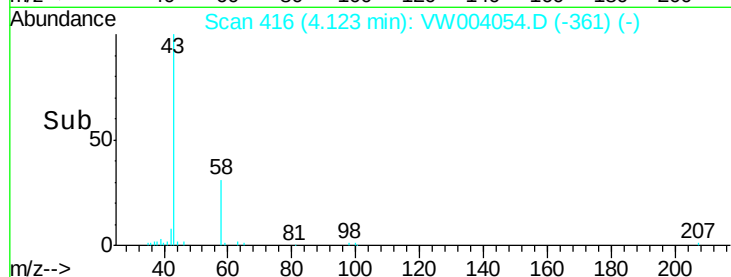
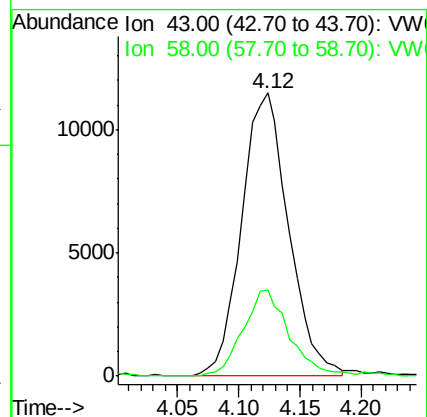
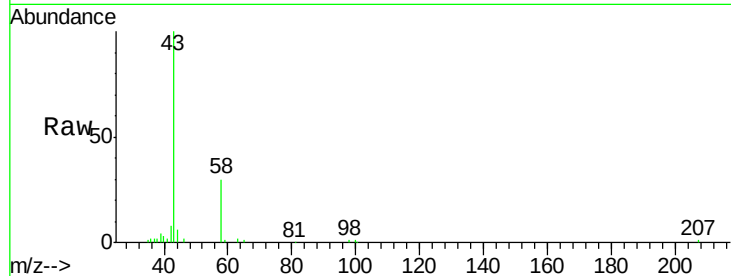
DB1K6

Tgt Ion: 43 Resp: 30710

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



#21

2-Butanone

Concen: 3.962 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

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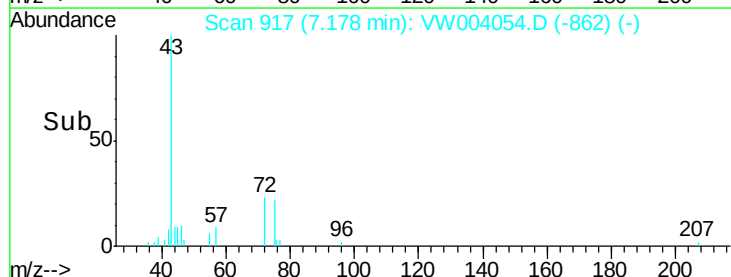
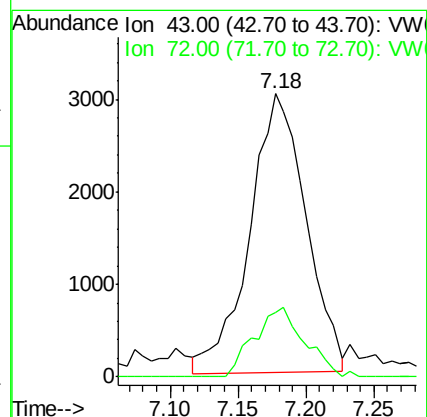
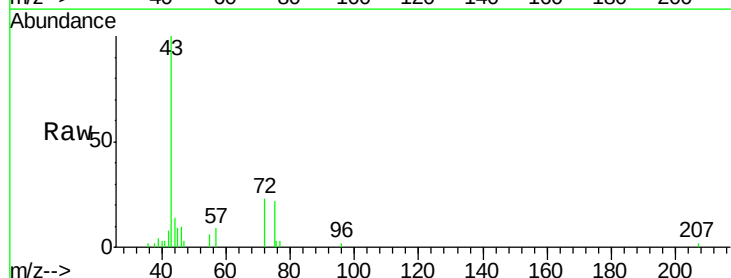
Acq: 20 Jul 2018 00:25

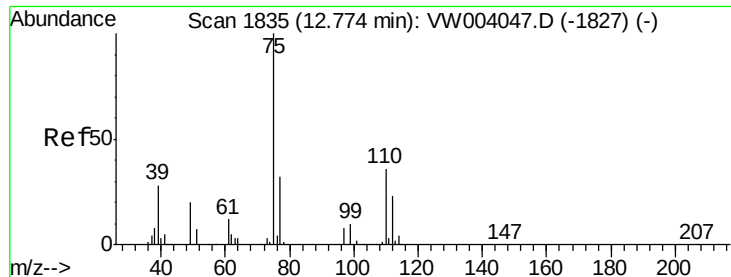
Tgt Ion: 43 Resp: 8728

Ion Ratio Lower Upper

43 100

72 22.1 12.1 36.3





#59

1,2,3-Trichloropropane

Concen: 3.293 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

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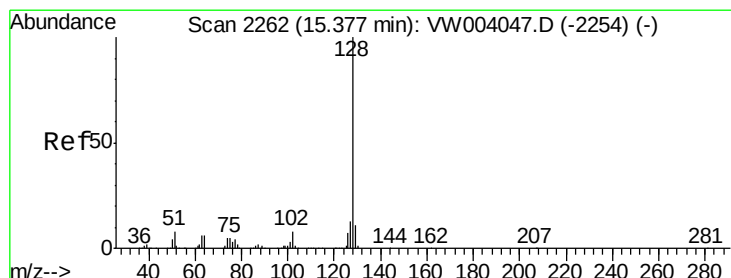
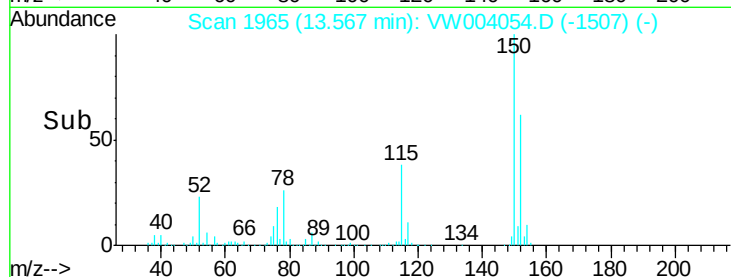
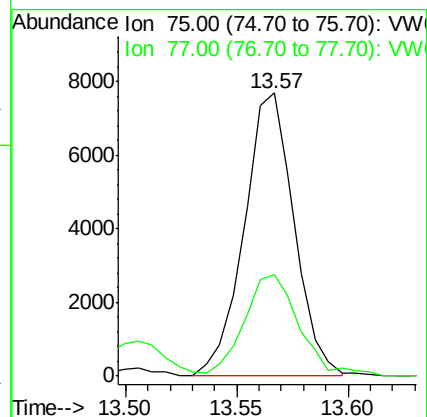
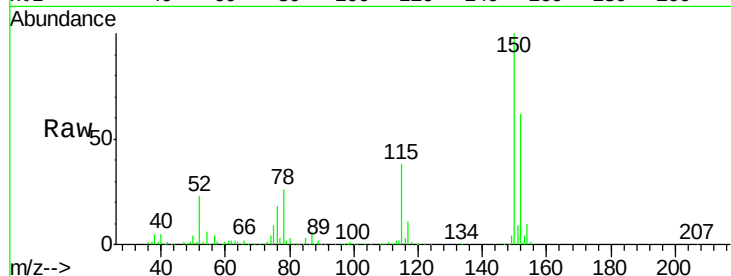
DB1K6

Tgt Ion: 75 Resp: 12032

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0



#69

Naphthalene

Concen: 4.210 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

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Acq: 20 Jul 2018 00:25

Tgt Ion: 128 Resp: 33987

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

127 14.8 10.9 16.3

