

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072118\
 Data File : VW004115.D
 Acq On : 21 Jul 2018 15:24
 Operator : SY/AP
 Sample : J4038-09
 Misc : 7.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M4

Quant Time: Jul 23 00:04:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	315690	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	108458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53259	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
7) Chloroethane-d5	2.89	69	40743	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
10) 1,1-Dichloroethene-d2	4.01	63	96784	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.68%
20) 2-Butanone-d5	7.09	46	81138	44.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.62%
24) Chloroform-d	7.65	84	160275	21.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	8.40	65	94	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	275462	20.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.76%
33) 1,2-Dichloropropane-d6	9.28	67	103383	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.33	98	230185	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.04%
38) trans-1,3-Dichloropropene-	10.58	79	40738	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.48%
39) 2-Hexanone-d5	10.93	63	53334	44.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	105309	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	72942	20.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.68%

Target Compounds

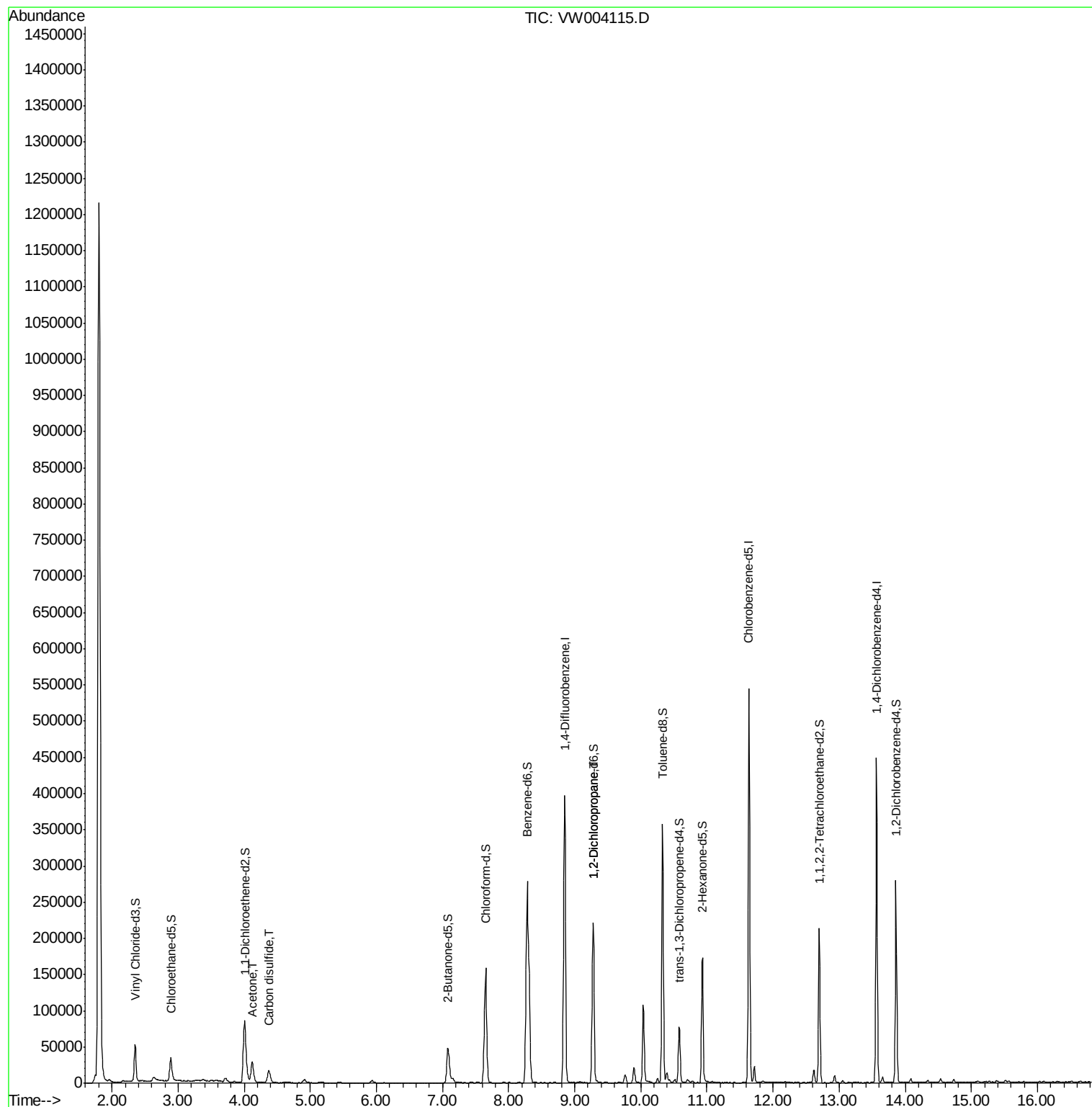
					Qvalue
13) Acetone	4.12	43	48078	24.151 ug/L	99
14) Carbon disulfide	4.37	76	37766	2.778 ug/L	96
40) 1,2-Dichloropropane	9.28	63	11716	2.427 ug/L #	90

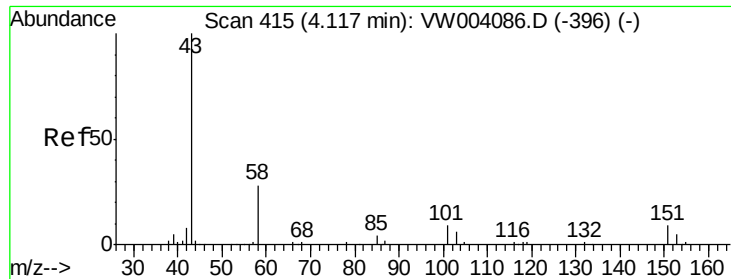
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.151 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

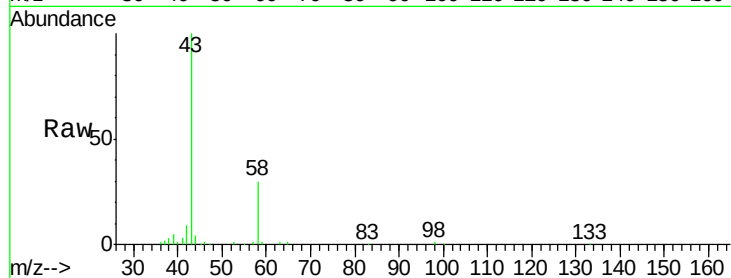
DB1M4

Tgt Ion: 43 Resp: 48078

Ion Ratio Lower Upper

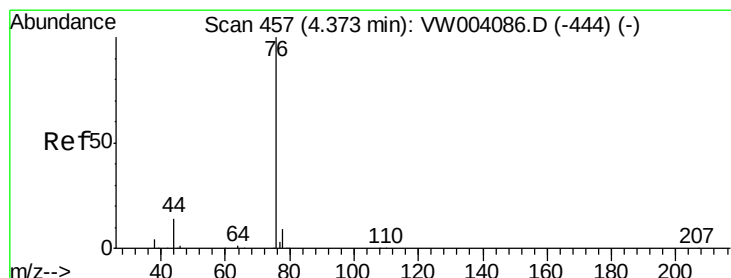
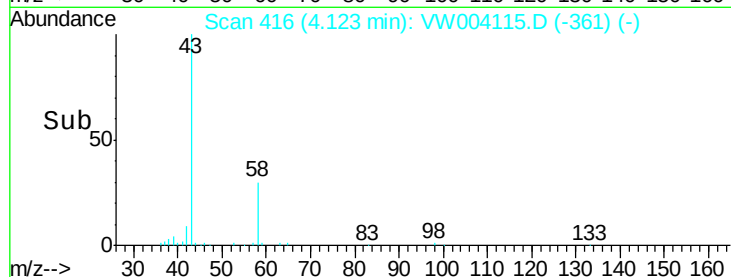
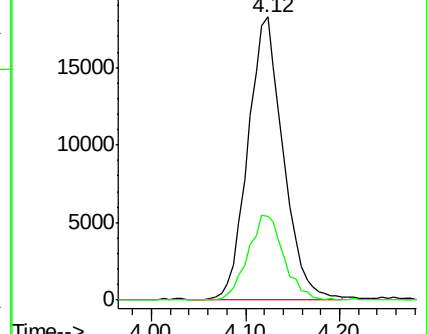
43 100

58 30.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.778 ug/L

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

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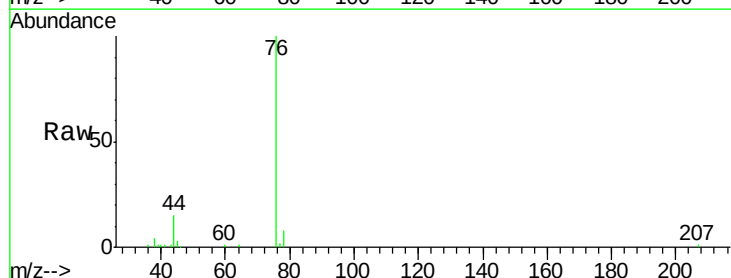
Acq: 21 Jul 2018 15:24

Tgt Ion: 76 Resp: 37766

Ion Ratio Lower Upper

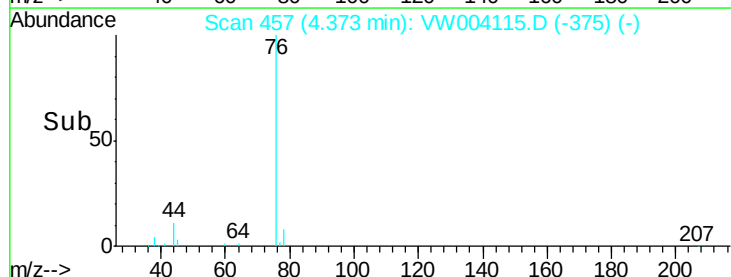
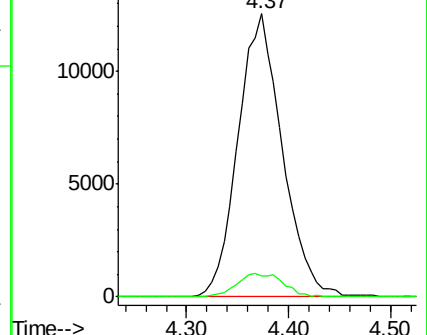
76 100

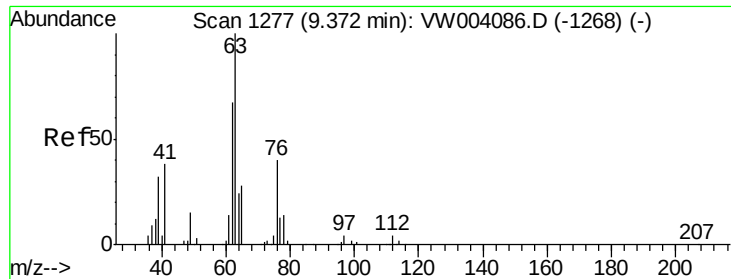
78 7.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#40
 1,2-Dichloropropane
 Concen: 2.427 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 11716
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.4#

