

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004237.D
 Acq On : 26 Jul 2018 19:25
 Operator : SY/AP
 Sample : J4169-05
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY60

Quant Time: Jul 27 03:53:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	281105	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	68767	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.89	69	48272	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.01	63	120008	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.09	46	90025	56.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.38%
24) Chloroform-d	7.65	84	172445	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.31	65	108923	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.64%
29) Benzene-d6	8.27	84	335889	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.28	67	112969	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.04%
37) Toluene-d8	10.33	98	297812	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	45294	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	64766	55.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	116602	25.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	90360	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

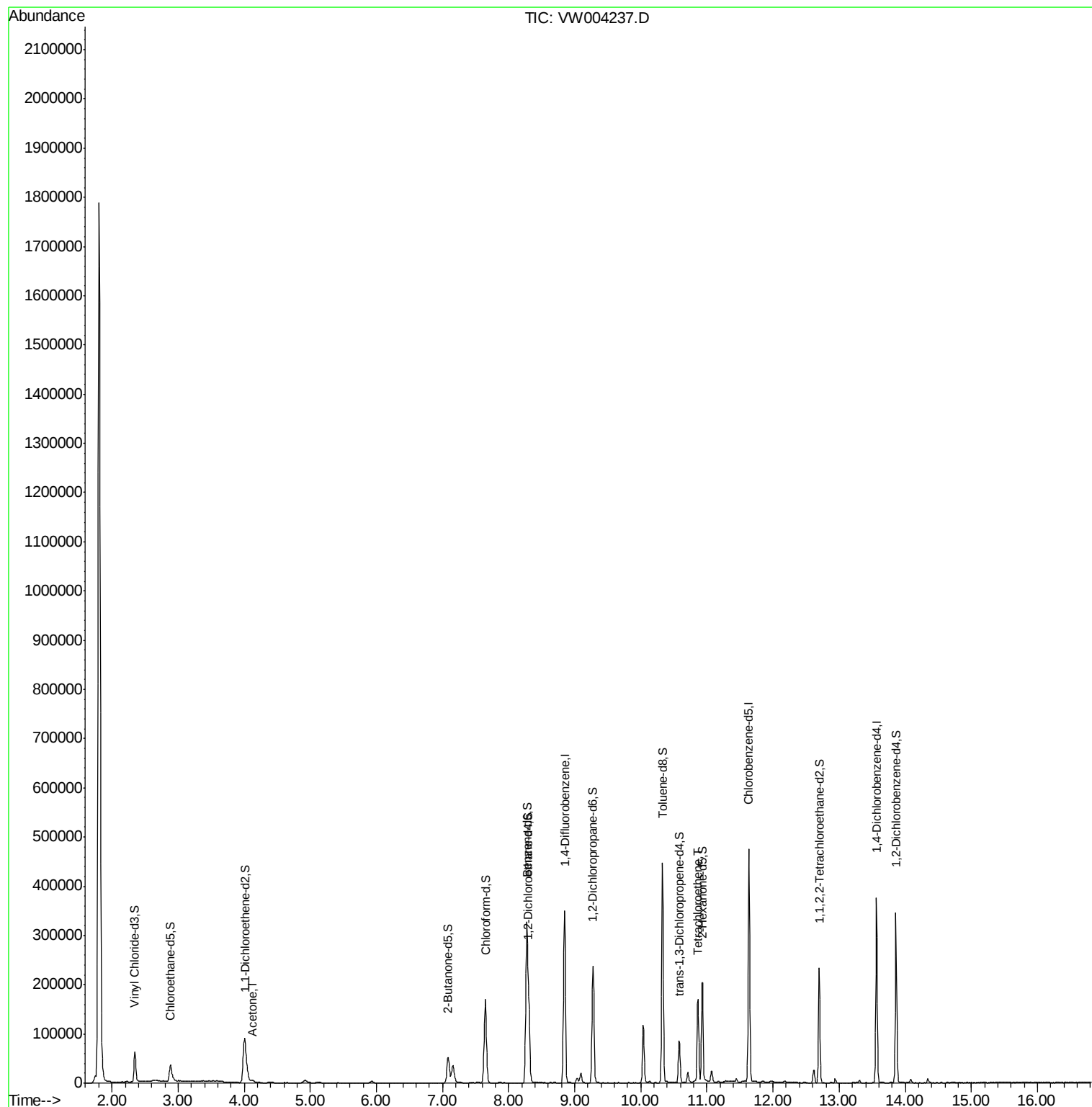
Target Compounds					Ovalue
13) Acetone	4.13	43	6356	3.93 ug/L	100
47) Tetrachloroethene	10.87	164	38517	12.55 ug/L	99

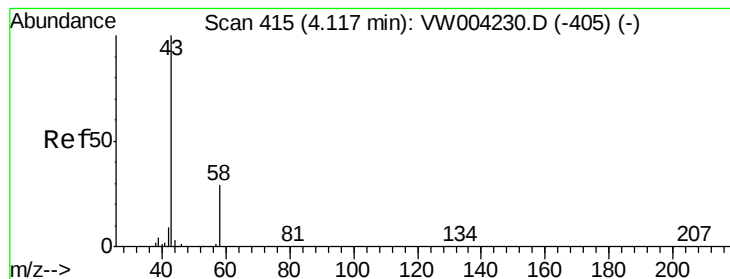
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.93 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

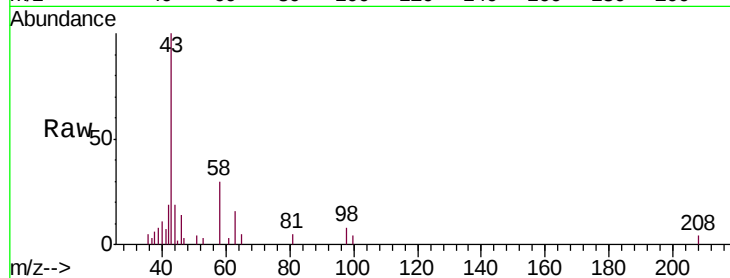
BEY60

Tot Ion: 43 Resp: 6356

Ion Ratio Lower Upper

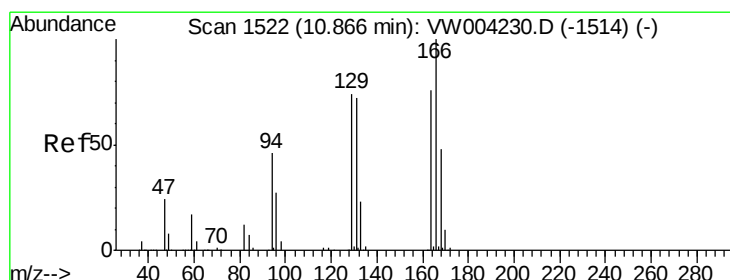
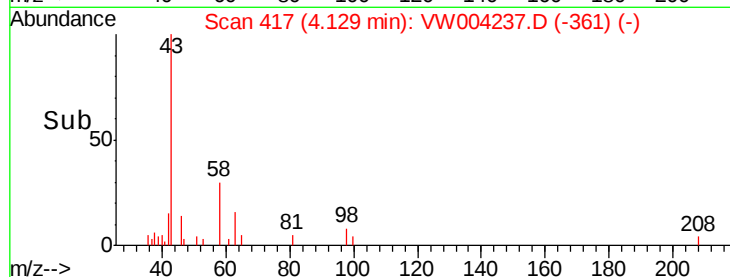
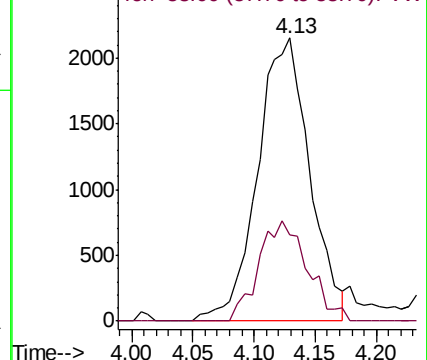
43 100

58 29.7 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#47

Tetrachloroethene

Concen: 12.55 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Tgt Ion:164 Resp: 38517

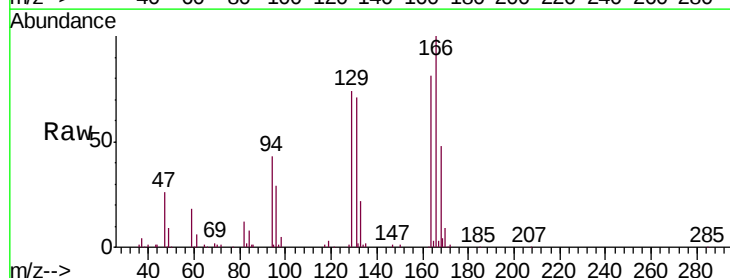
Ion Ratio Lower Upper

164 100

129 91.3 63.4 117.8

131 88.0 63.1 117.1

166 123.7 87.5 162.5



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

