

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004236.D
 Acq On : 26 Jul 2018 18:59
 Operator : SY/AP
 Sample : J4169-04
 Misc : 6.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY59

Quant Time: Jul 27 03:51:16 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	273292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247007	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90996	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	77529	28.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.72%
7) Chloroethane-d5	2.89	69	54106	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.16%
10) 1,1-Dichloroethene-d2	4.00	63	133410	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.24%
20) 2-Butanone-d5	7.08	46	100914	64.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.58%
24) Chloroform-d	7.65	84	195191	27.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.56%
26) 1,2-Dichloroethane-d4	8.31	65	124466	29.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.28%
29) Benzene-d6	8.27	84	385106	29.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.68%
33) 1,2-Dichloropropane-d6	9.27	67	129012	29.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.52%
37) Toluene-d8	10.33	98	339368	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.72%
38) trans-1,3-Dichloropropene-	10.58	79	51586	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.40%
39) 2-Hexanone-d5	10.93	63	69313	60.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	133392	30.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	101236	29.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.04%

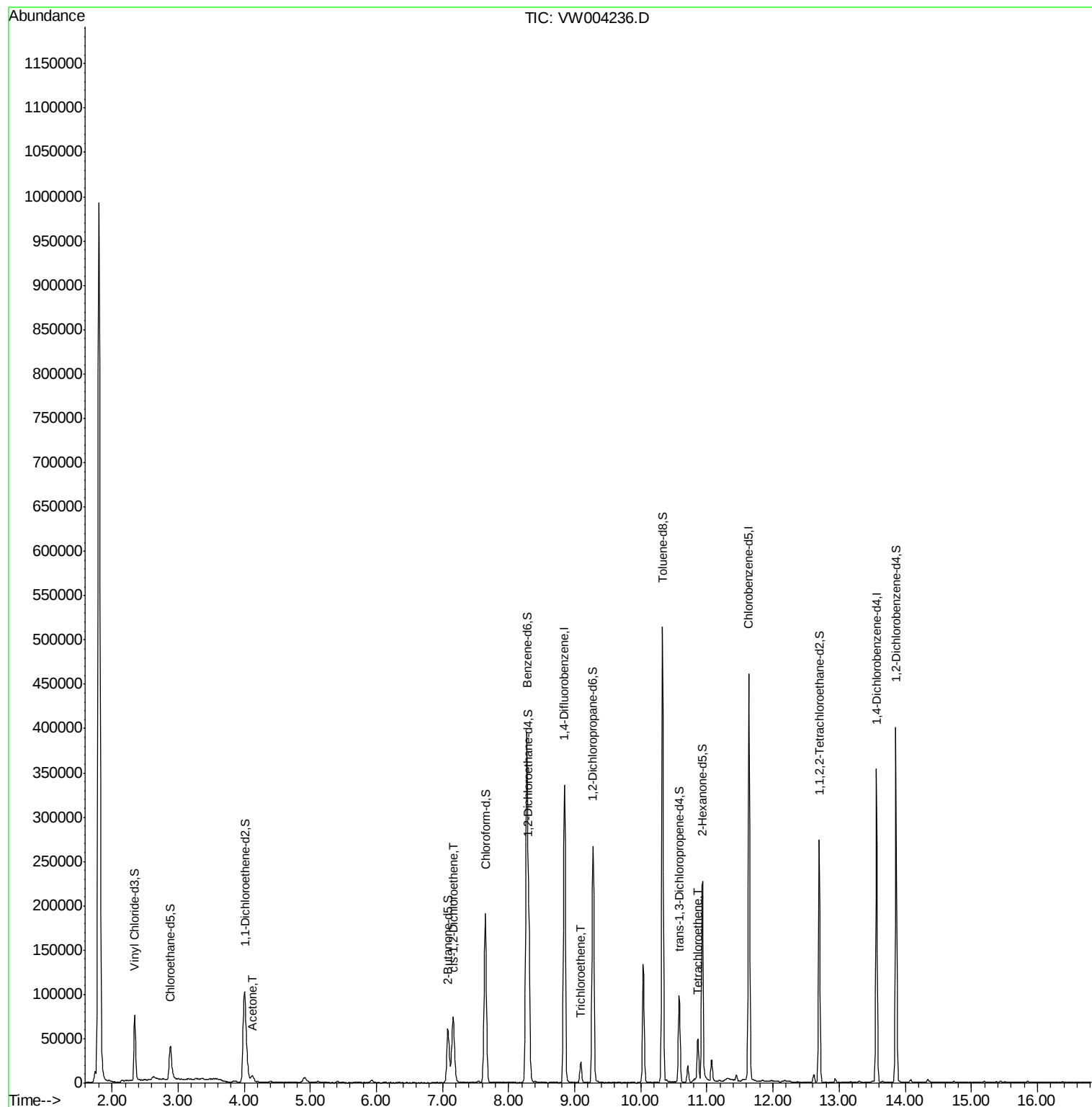
Target Compounds					Ovalue
13) Acetone	4.12	43	10320	6.56 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	26806	7.24 ug/L	92
35) Trichloroethene	9.09	95	7666	2.05 ug/L	98
47) Tetrachloroethene	10.87	164	10792	3.61 ug/L	98

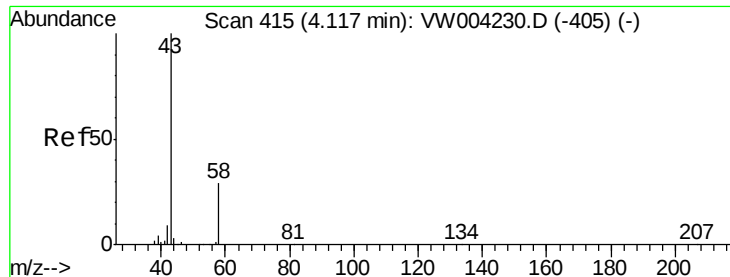
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.56 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

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Acq: 26 Jul 2018 18:59

Instrument :

MSVOA_W

ClientSampled :

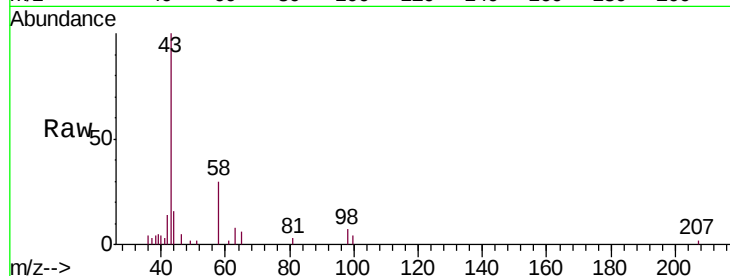
BEY59

Tot Ion: 43 Resp: 10320

Ion Ratio Lower Upper

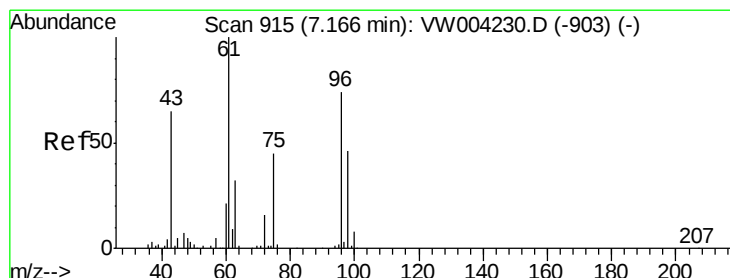
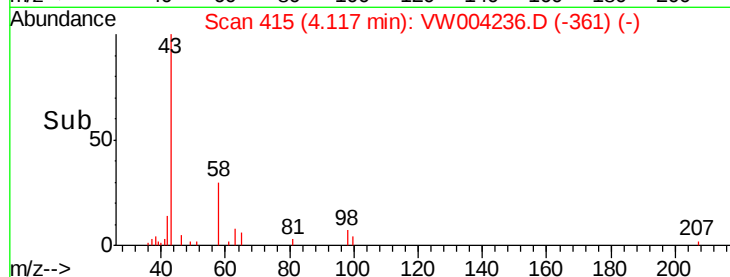
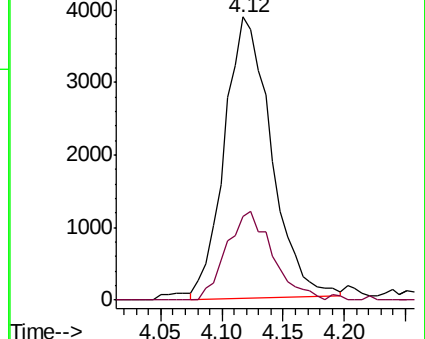
43 100

58 31.0 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 7.24 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

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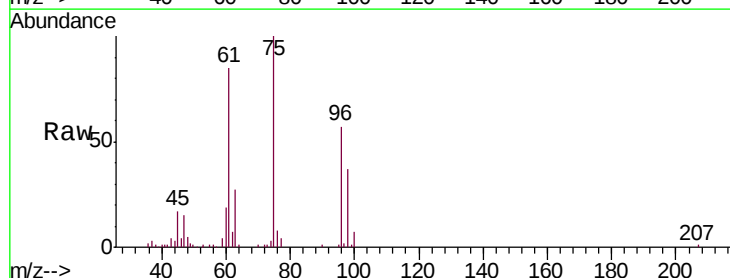
Tgt Ion: 96 Resp: 26806

Ion Ratio Lower Upper

96 100

61 149.2 95.1 176.7

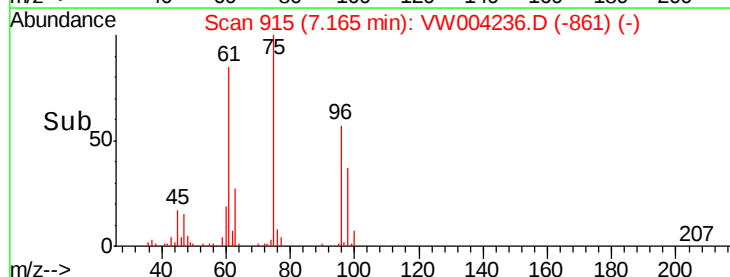
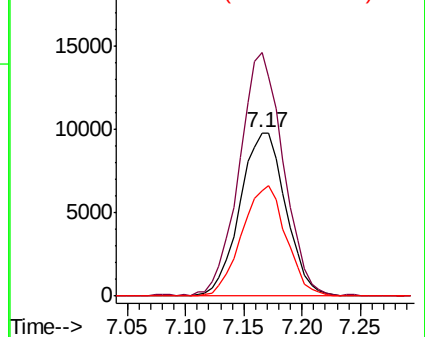
98 64.8 45.2 84.0

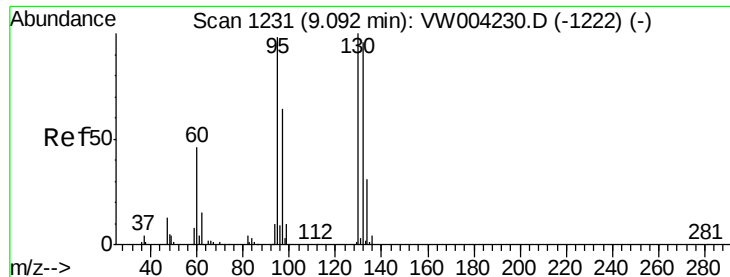


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.05 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004236.D

Acq: 26 Jul 2018 18:59

Instrument :

MSVOA_W

ClientSampleId :

BEY59

Tot Ion: 95 Resp: 7666

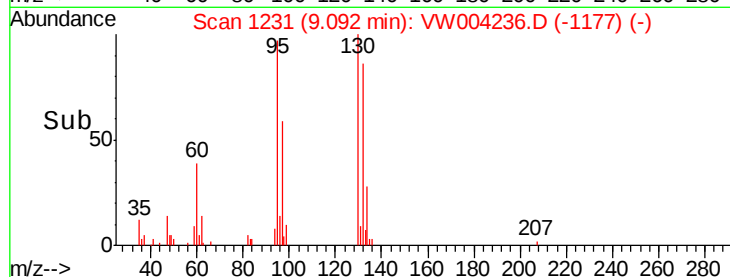
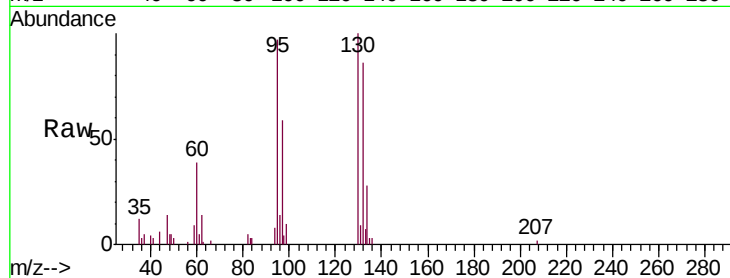
Ion Ratio Lower Upper

95 100

97 62.7 44.9 83.5

132 94.8 67.4 125.2

130 101.6 70.2 130.4



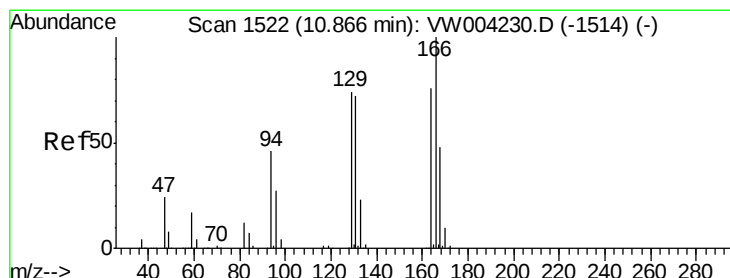
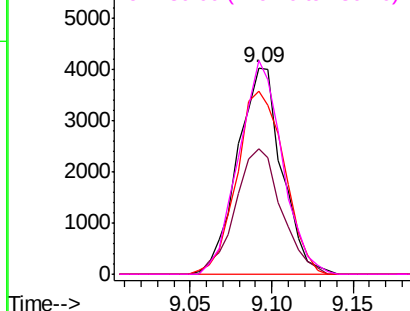
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 3.61 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004236.D

Acq: 26 Jul 2018 18:59

Tgt Ion: 164 Resp: 10792

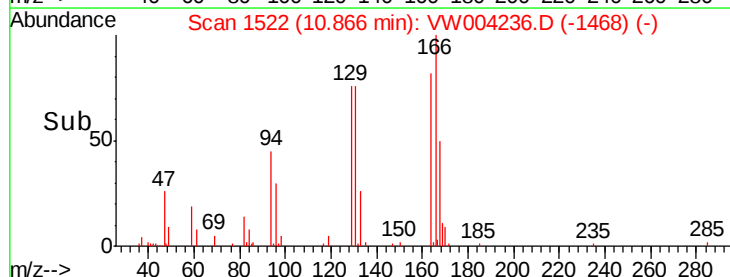
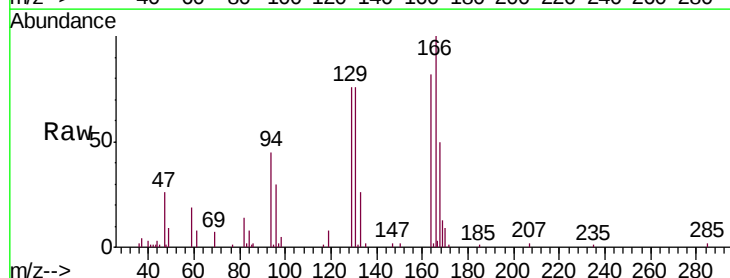
Ion Ratio Lower Upper

164 100

129 92.0 63.4 117.8

131 92.1 63.1 117.1

166 121.5 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

