

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004273.D
 Acq On : 27 Jul 2018 15:31
 Operator : SY/AP
 Sample : J4169-07
 Misc : 5.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY62

Quant Time: Jul 27 23:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 23:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	396770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121442	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	100534	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.68%
7) Chloroethane-d5	2.89	69	71249	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
10) 1,1-Dichloroethene-d2	4.00	63	105567	11.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.28%#
20) 2-Butanone-d5	7.08	46	110176	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.65	84	248292	24.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	8.31	65	155202	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.28	84	494037	27.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.88%
33) 1,2-Dichloropropane-d6	9.27	67	167655	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.08%
37) Toluene-d8	10.33	98	439236	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.58	79	63935	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.93	63	81813	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	158145	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	128630	28.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.32%

Target Compounds

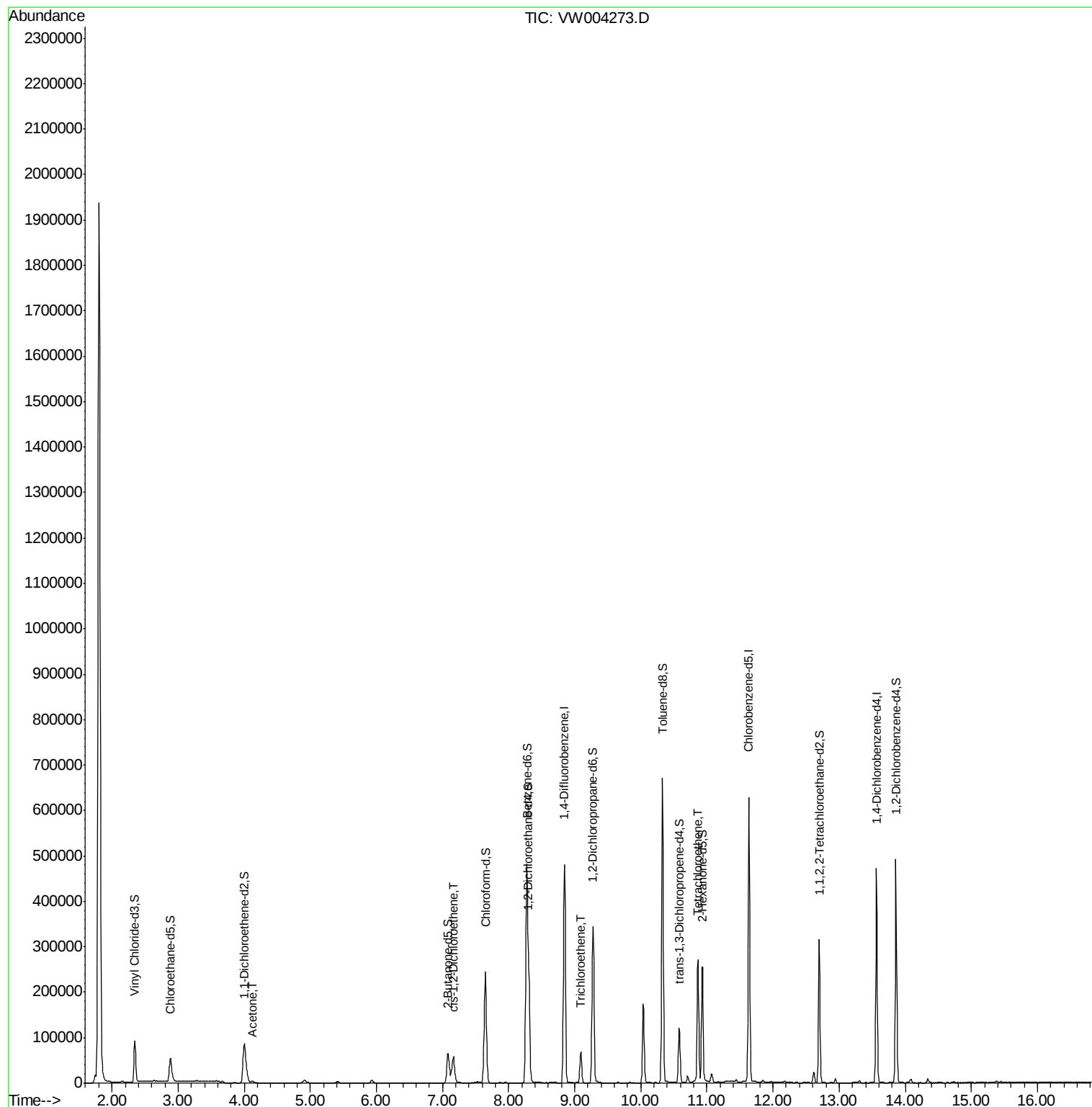
					Qvalue
13) Acetone	4.12	43	4860	2.128 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	24701	4.598 ug/L	97
35) Trichloroethene	9.09	95	24289	4.690 ug/L	99
47) Tetrachloroethene	10.87	164	60556	14.617 ug/L	96

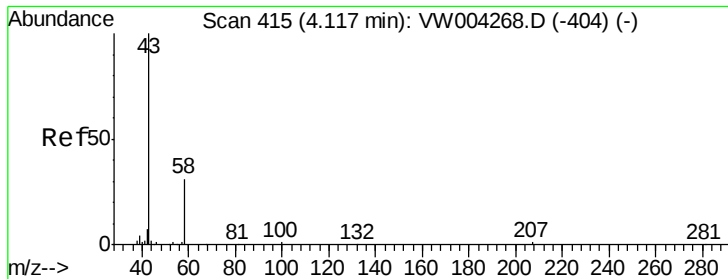
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.128 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004273.D

Acq: 27 Jul 2018 15:31

Instrument :

MSVOA_W

ClientSampled :

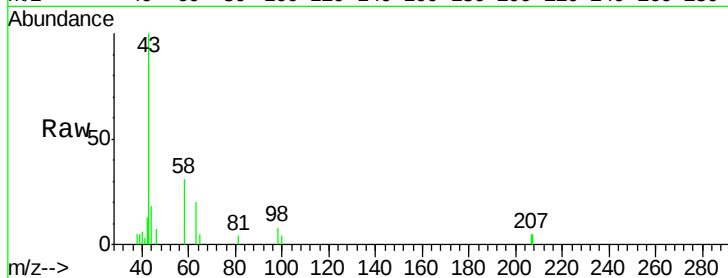
BEY62

Tgt Ion: 43 Resp: 4860

Ion Ratio Lower Upper

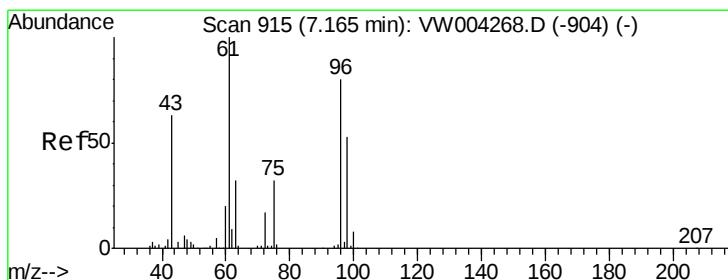
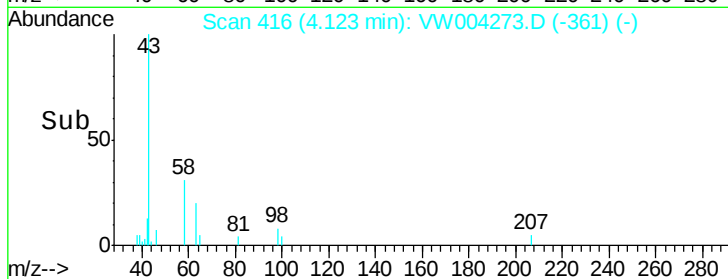
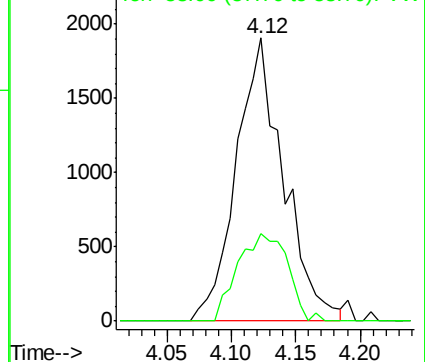
43 100

58 32.1 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: 4.598 ug/L

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

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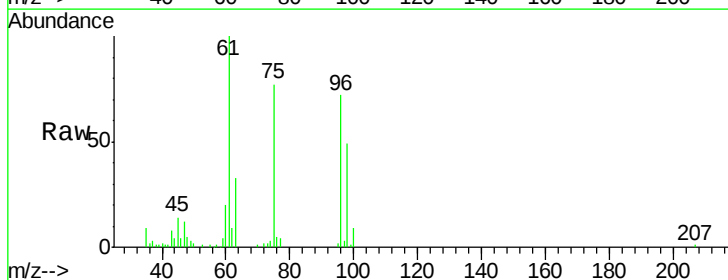
Tgt Ion: 96 Resp: 24701

Ion Ratio Lower Upper

96 100

61 138.8 95.1 176.7

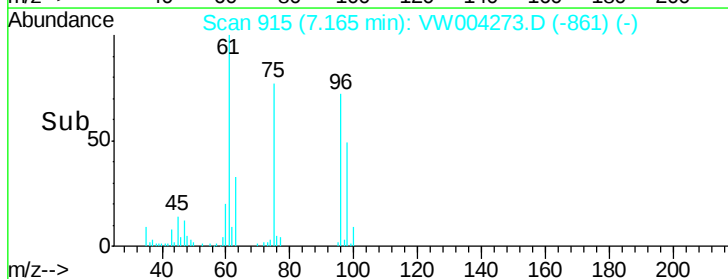
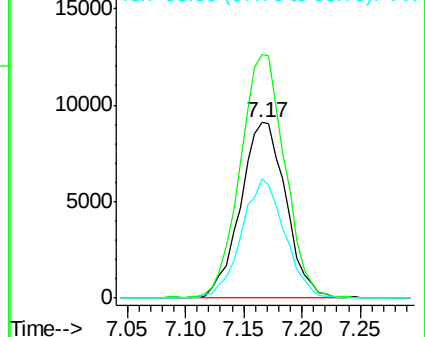
98 68.1 45.2 84.0

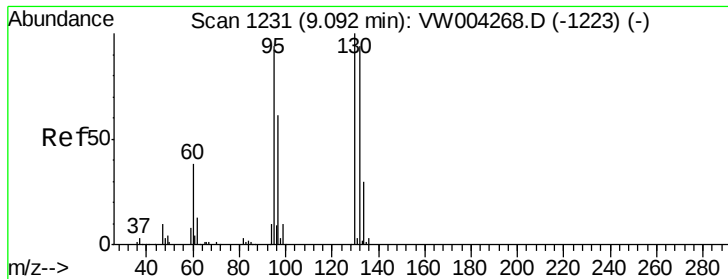


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

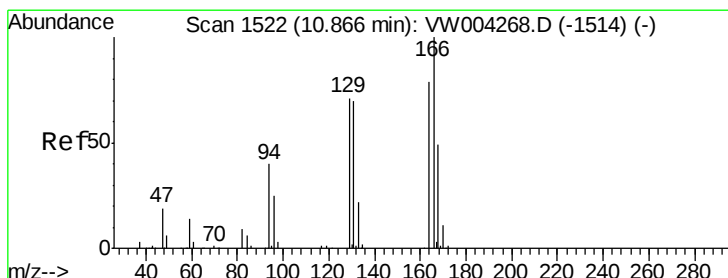
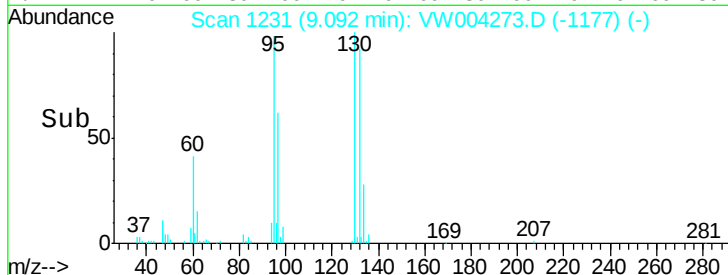
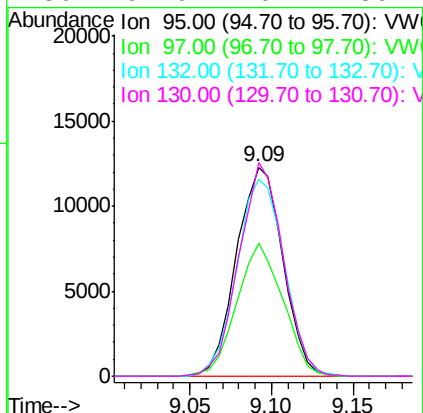
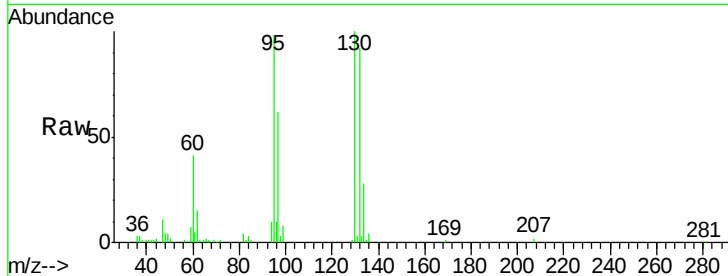




#35
 Trichloroethene
 Concen: 4.690 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	24289
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.9	83.5
132	97.0	67.4	125.2
130	97.9	70.2	130.4



#47
 Tetrachloroethene
 Concen: 14.617 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004273.D
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Tgt Ion:	164	Resp:	60556
Ion	Ratio	Lower	Upper
164	100		
129	94.6	63.4	117.8
131	95.7	63.1	117.1
166	126.8	87.5	162.5

