

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004240.D
 Acq On : 26 Jul 2018 20:43
 Operator : SY/AP
 Sample : J4169-08
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY63

Quant Time: Jul 27 04:05:47 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	215274	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	199349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	64940	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	61154	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
7) Chloroethane-d5	2.88	69	43590	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.60%
10) 1,1-Dichloroethene-d2	4.00	63	112386	21.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.88%
20) 2-Butanone-d5	7.08	46	70198	57.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.42%
24) Chloroform-d	7.65	84	161239	29.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	8.31	65	104895	31.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.56%
29) Benzene-d6	8.27	84	304874	28.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.44%
33) 1,2-Dichloropropane-d6	9.27	67	106075	30.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.76%#
37) Toluene-d8	10.33	98	259974	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.12%
38) trans-1,3-Dichloropropene-	10.58	79	42752	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.20%
39) 2-Hexanone-d5	10.93	63	49113	53.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105042	29.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	68603	28.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.04%

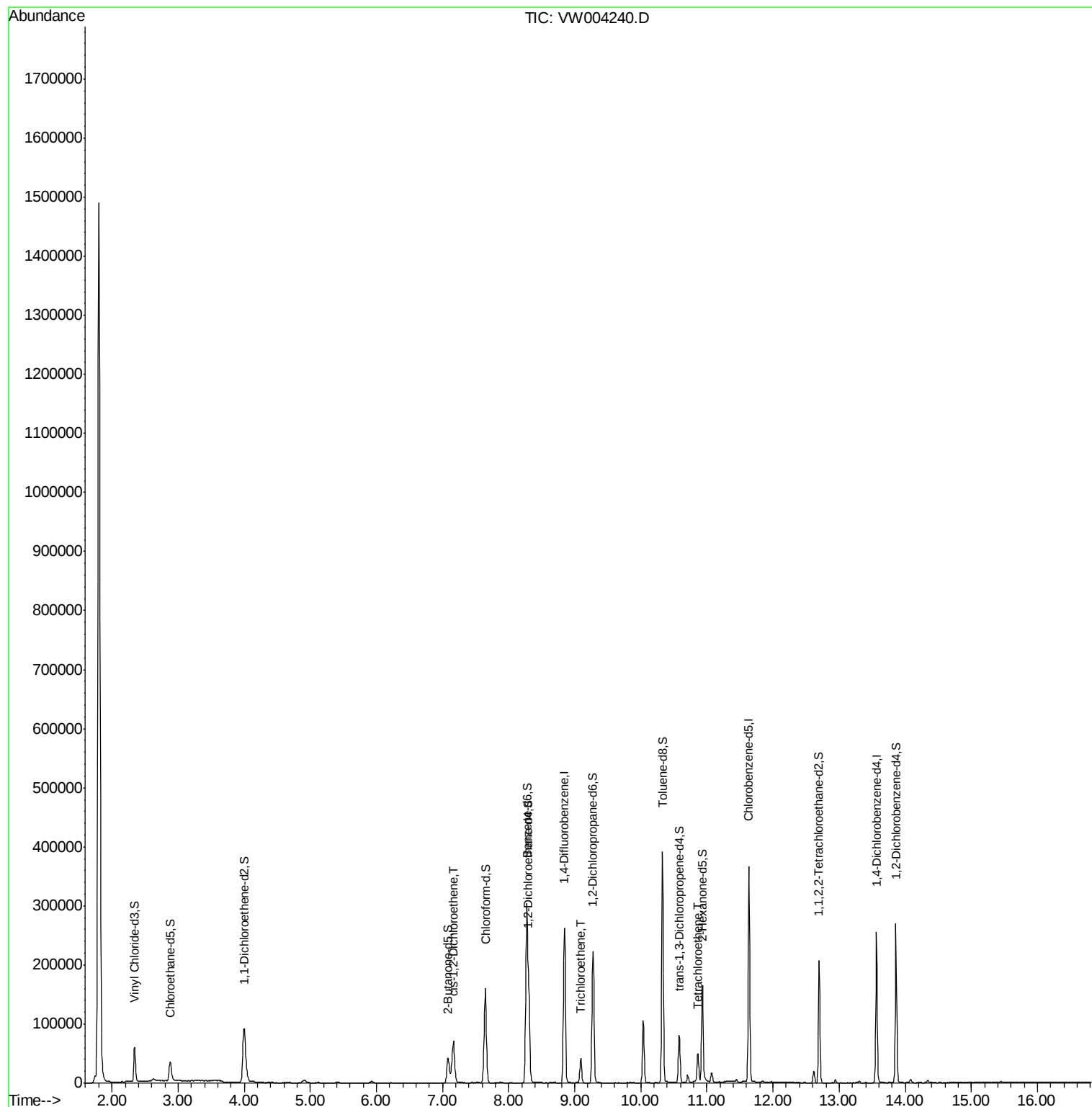
Target Compounds						Ovalue
22) cis-1,2-Dichloroethene	7.17	96	32194	11.04	ug/L	100
35) Trichloroethene	9.09	95	14121	4.68	ug/L	98
47) Tetrachloroethene	10.87	164	10430	4.32	ug/L	96

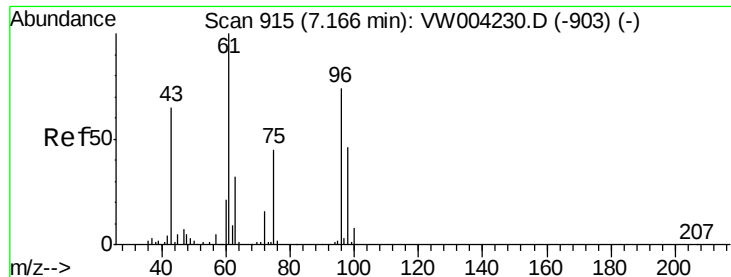
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 11.04 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

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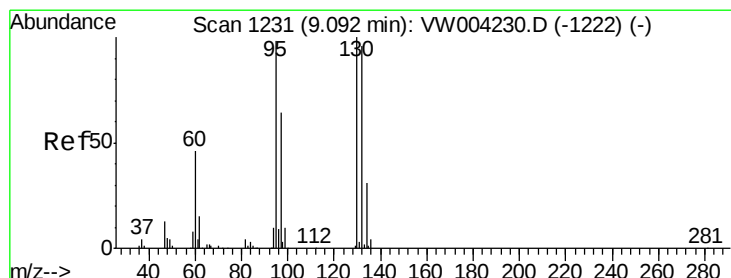
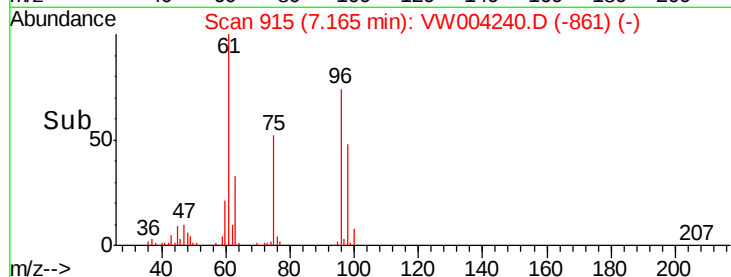
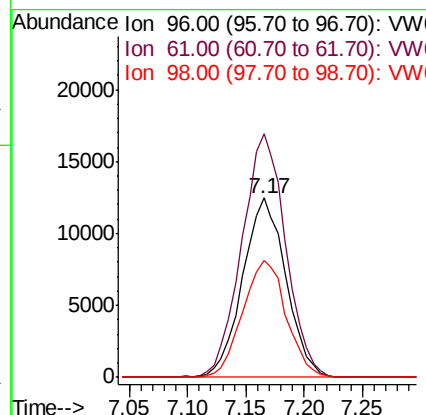
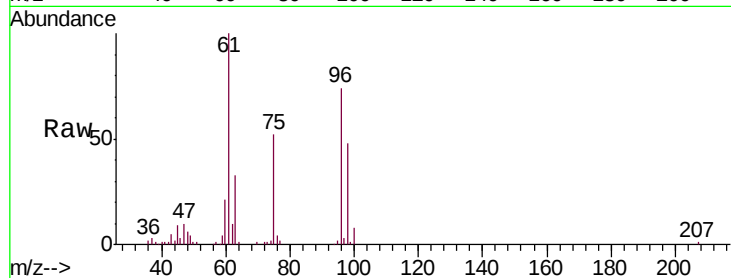
Tot Ion: 96 Resp: 32194

Ion Ratio Lower Upper

96 100

61 135.9 95.1 176.7

98 65.2 45.2 84.0



#35

Trichloroethene

Concen: 4.68 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

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Acq: 26 Jul 2018 20:43

Tgt Ion: 95 Resp: 14121

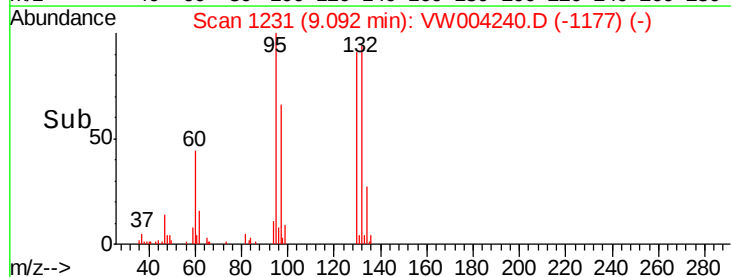
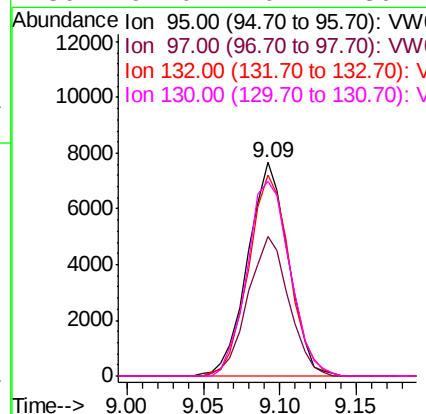
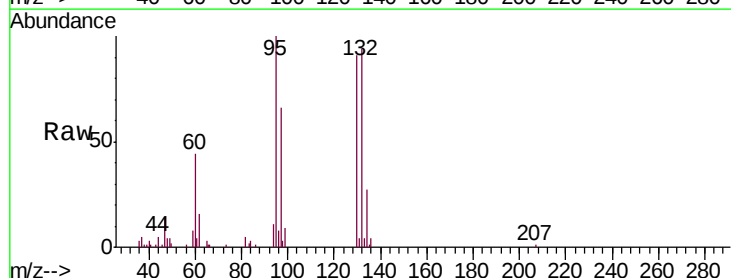
Ion Ratio Lower Upper

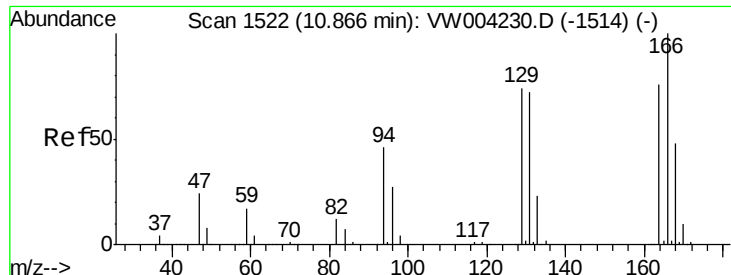
95 100

97 66.2 44.9 83.5

132 95.5 67.4 125.2

130 97.0 70.2 130.4





#47

Tetrachloroethene

Concen: 4.32 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004240.D

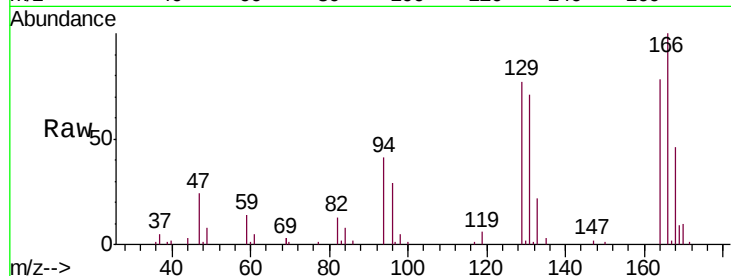
Acq: 26 Jul 2018 20:43

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Tot Ion:164 Resp: 10430

Ion Ratio Lower Upper

164 100

129 97.8 63.4 117.8

131 90.9 63.1 117.1

166 127.8 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

