

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004434.D
 Acq On : 03 Aug 2018 07:57
 Operator : SY/AP
 Sample : J4299-01
 Misc : 6.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD8

Quant Time: Aug 03 08:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 08:39:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	812505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	813766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	306281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	321583	31.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.28%
7) Chloroethane-d5	2.89	69	258334	30.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.56%
10) 1,1-Dichloroethene-d2	4.17	63	340	0.02	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.10	46	105272	23.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.26%
24) Chloroform-d	7.65	84	587369	26.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	8.31	65	326878	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
29) Benzene-d6	8.28	84	1122970	25.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.76%
33) 1,2-Dichloropropane-d6	9.28	67	374561	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.33	98	940808	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	116537	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	10.93	63	78101	22.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	300534	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	312447	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

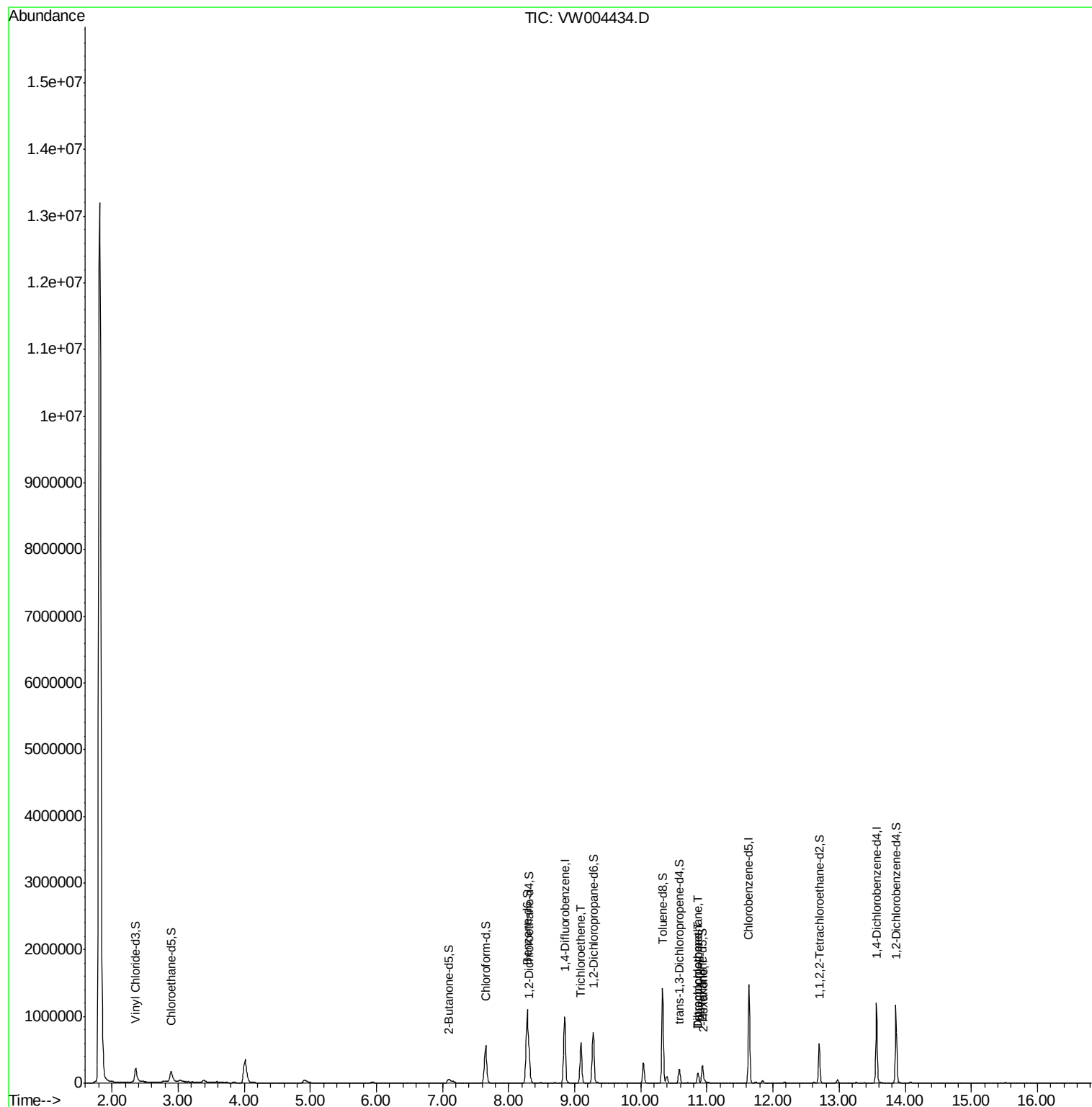
					Ovalue
35) Trichloroethene	9.09	95	220136	17.443 ug/L	99
47) Tetrachloroethene	10.87	164	31781	3.183 ug/L	96
49) 2-Hexanone	10.96	43	28143	3.759 ug/L #	41
50) Dibromochloromethane	10.87	129	30999	2.705 ug/L #	11

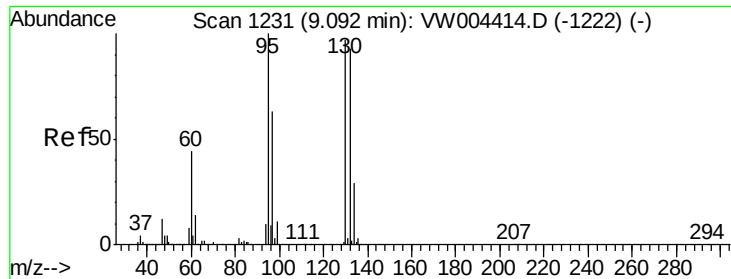
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Trichloroethene

Concen: 17.443 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004434.D

Acq: 03 Aug 2018 07:57

Instrument :

MSVOA_W

ClientSampleId :

C0AD8

Tot Ion: 95 Resp: 220136

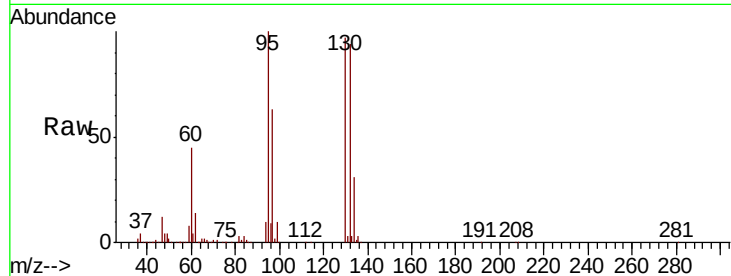
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 95.5 67.6 125.6

130 99.7 69.1 128.3

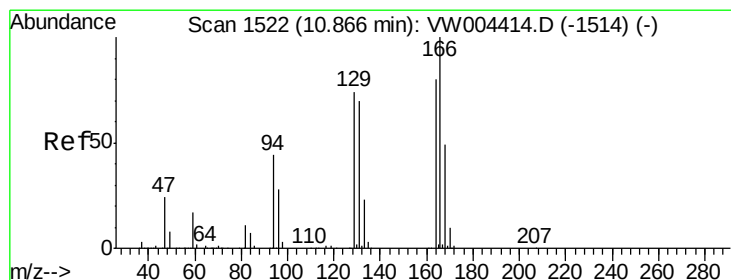
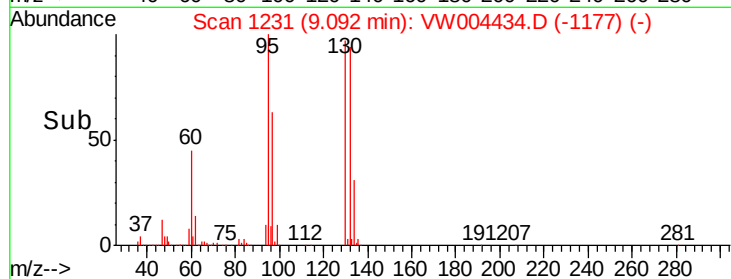
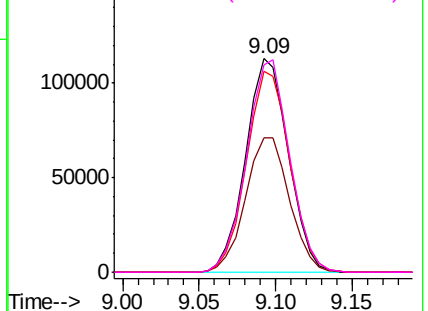


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.183 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004434.D

Acq: 03 Aug 2018 07:57

Tgt Ion: 164 Resp: 31781

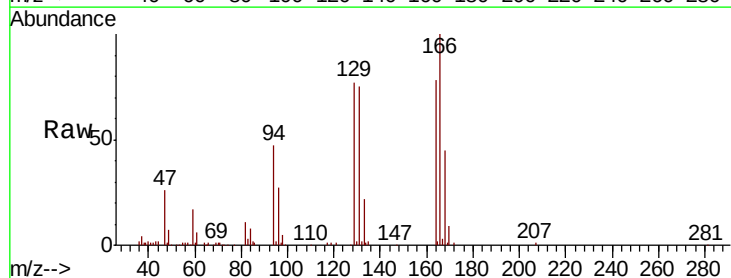
Ion Ratio Lower Upper

164 100

129 99.1 65.4 121.4

131 96.1 63.8 118.6

166 128.3 88.1 163.5

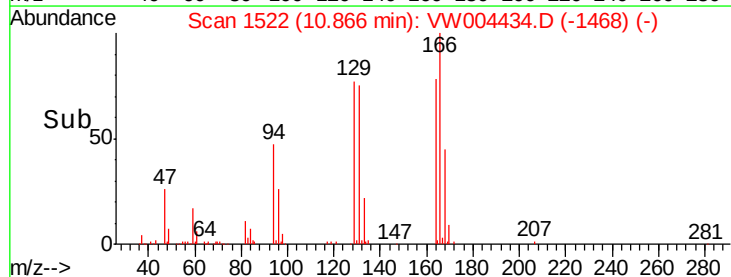
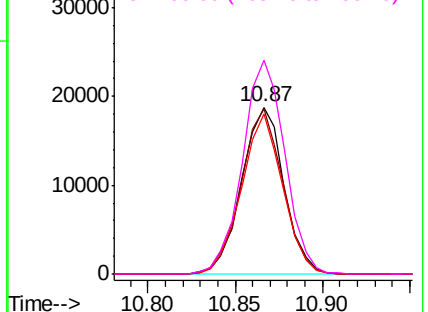


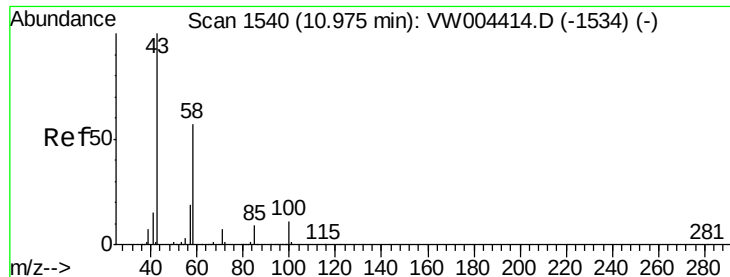
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

2-Hexanone

Concen: 3.759 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004434.D

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Instrument :

MSVOA_W

ClientSampleId :

C0AD8

Tot Ion: 43 Resp: 28143

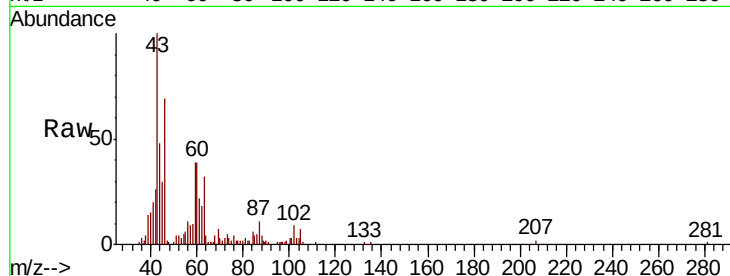
Ion Ratio Lower Upper

43 100

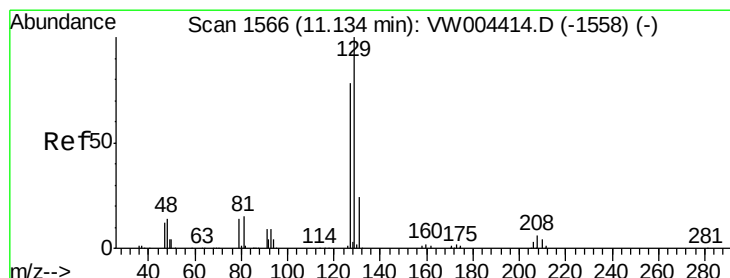
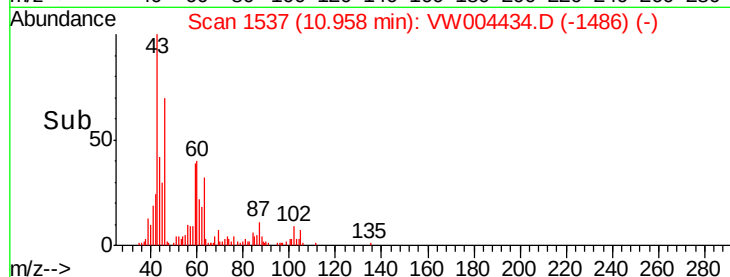
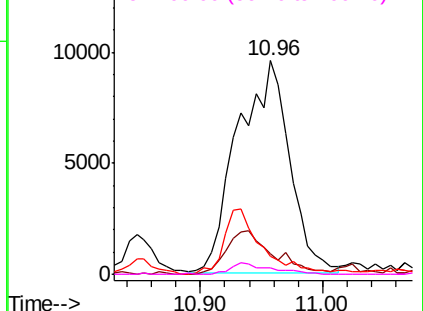
58 3.3 43.4 65.0#

57 0.0 15.0 22.6#

100 0.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 2.705 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004434.D

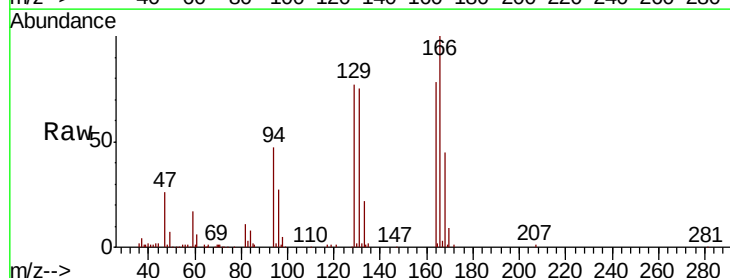
Acq: 03 Aug 2018 07:57

Tgt Ion: 129 Resp: 30999

Ion Ratio Lower Upper

129 100

127 0.4 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

