

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004426.D
 Acq On : 03 Aug 2018 04:31
 Operator : SY/AP
 Sample : J4261-19
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FA4

Quant Time: Aug 03 05:35:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	728263	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	617336	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166195	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	335134	37.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.00%
7) Chloroethane-d5	2.89	69	271199	35.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.36%
10) 1,1-Dichloroethene-d2	4.01	63	444337	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.64%
20) 2-Butanone-d5	7.09	46	176215	44.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.24%
24) Chloroform-d	7.65	84	578848	29.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.44%
26) 1,2-Dichloroethane-d4	8.31	65	322392	29.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.32%
29) Benzene-d6	8.28	84	1096376	33.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.52%
33) 1,2-Dichloropropane-d6	9.28	67	355290	33.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.40%#
37) Toluene-d8	10.33	98	833045	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.08%
38) trans-1,3-Dichloropropene-	10.58	79	108244	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.08%
39) 2-Hexanone-d5	10.93	63	123260	47.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	275759	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	171348	27.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.80%

Target Compounds

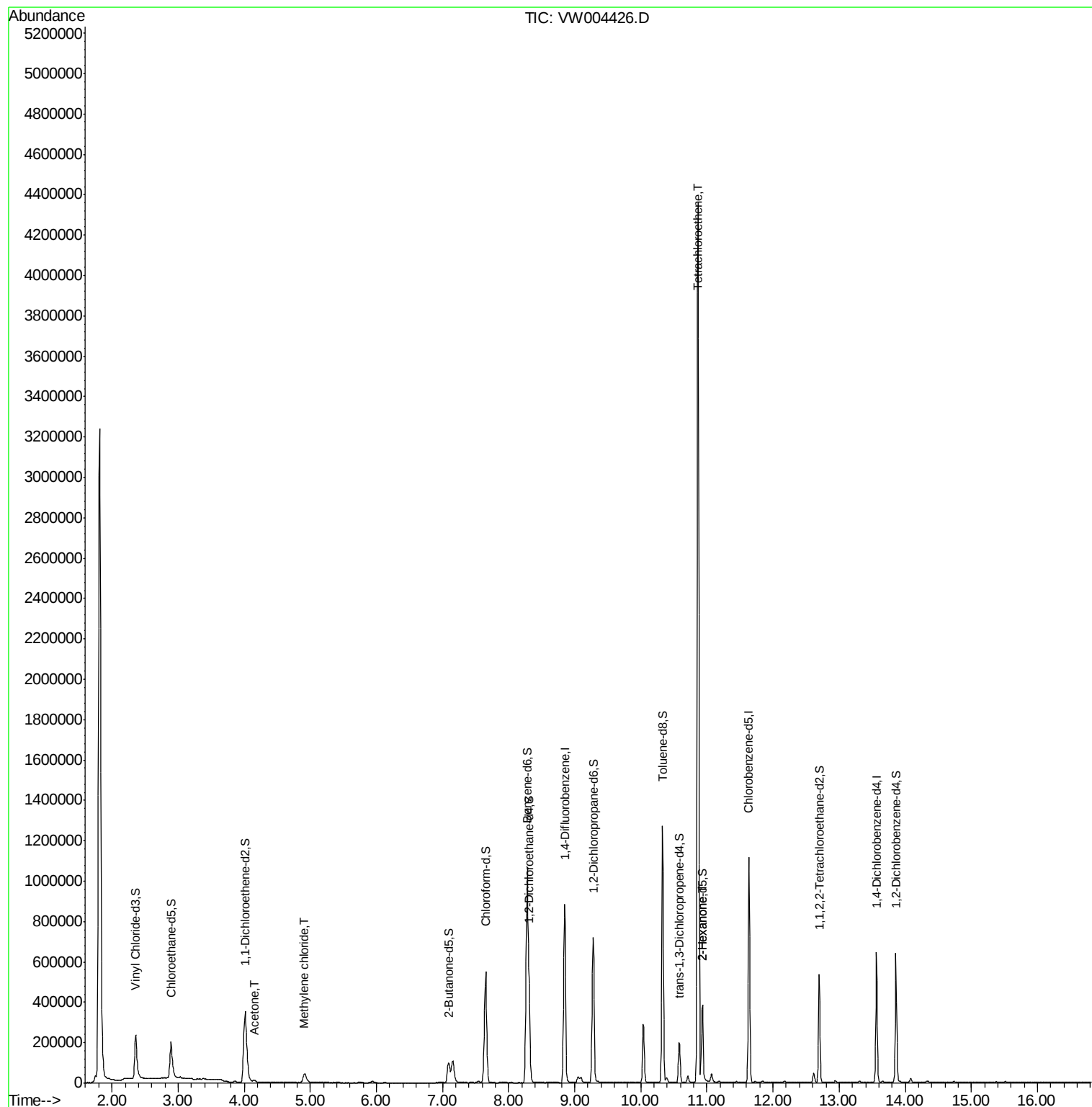
					Ovalue
13) Acetone	4.15	43	11694	3.379 ug/L	98
16) Methylene chloride	4.92	84	39465	2.728 ug/L	96
47) Tetrachloroethene	10.87	164	993139	131.107 ug/L	98
49) 2-Hexanone	10.93	43	18137	3.193 ug/L #	65

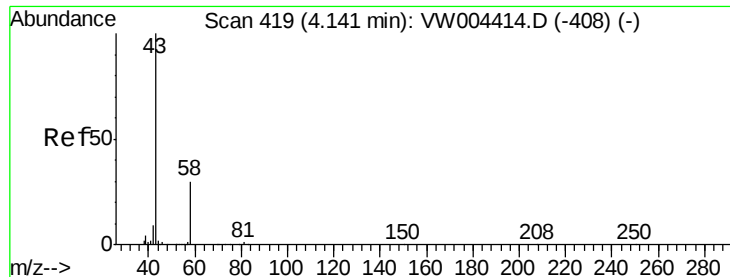
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.379 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004426.D

Acq: 03 Aug 2018 04:31

Instrument :

MSVOA_W

ClientSampled :

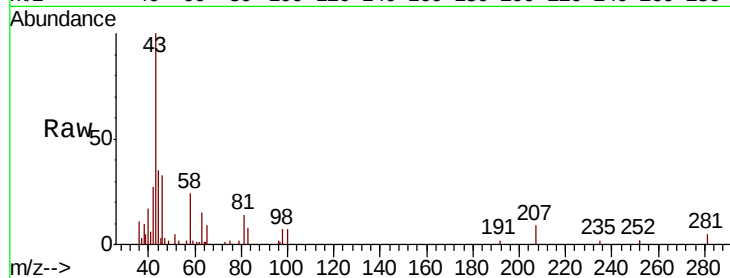
E5FA4

Tot Ion: 43 Resp: 11694

Ion Ratio Lower Upper

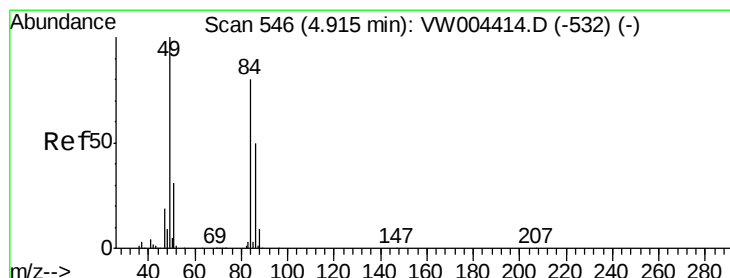
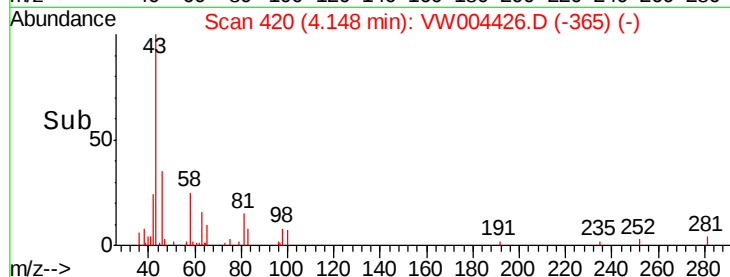
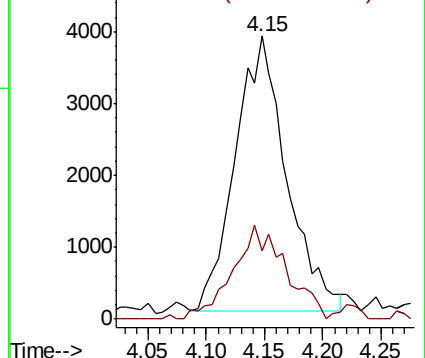
43 100

58 31.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.728 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004426.D

Acq: 03 Aug 2018 04:31

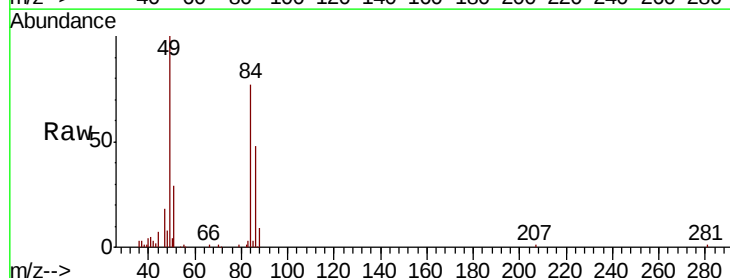
Tgt Ion: 84 Resp: 39465

Ion Ratio Lower Upper

84 100

49 129.9 86.0 159.6

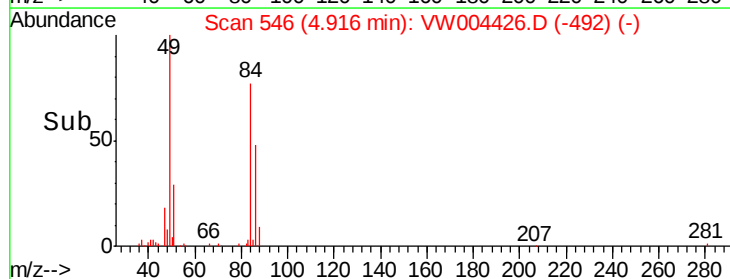
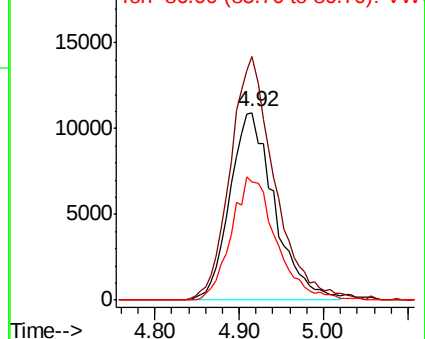
86 62.8 43.5 80.9

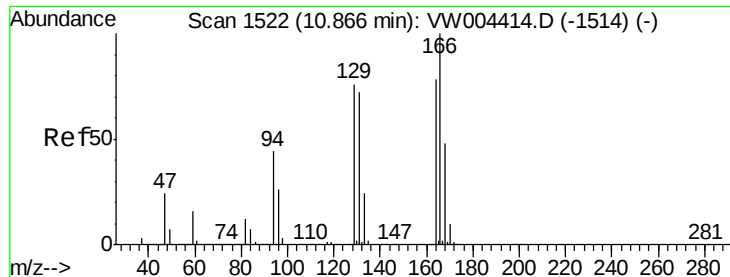


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47

Tetrachloroethene

Concen: 131.107 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004426.D

Acq: 03 Aug 2018 04:31

Instrument :

MSVOA_W

ClientSampleId :

E5FA4

Tot Ion:164 Resp: 993139

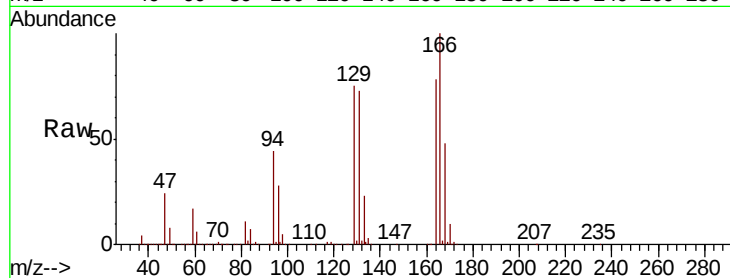
Ion Ratio Lower Upper

164 100

129 96.3 65.4 121.4

131 93.4 63.8 118.6

166 128.0 88.1 163.5

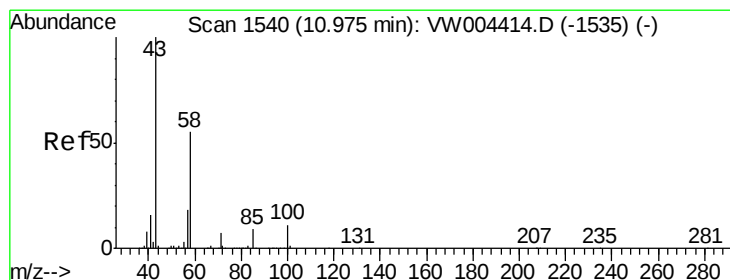
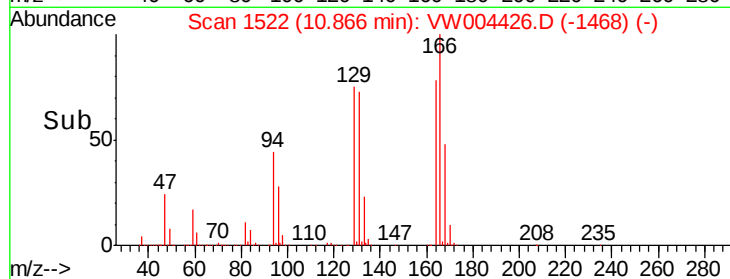
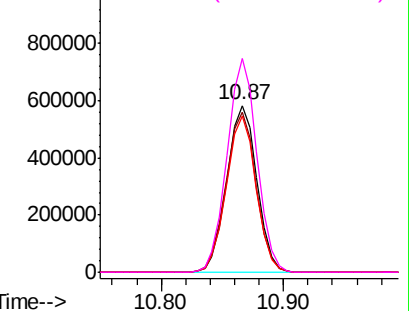


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.193 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

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Acq: 03 Aug 2018 04:31

Tgt Ion: 43 Resp: 18137

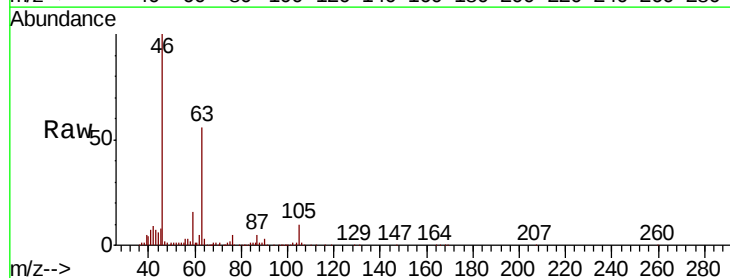
Ion Ratio Lower Upper

43 100

58 28.9 43.4 65.0#

57 37.6 15.0 22.6#

100 2.8 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 57.00 (56.70 to 57.70): V

Ion 100.00 (99.70 to 100.70): V

