

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004427.D
 Acq On : 03 Aug 2018 04:56
 Operator : SY/AP
 Sample : J4268-01
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AA2

Quant Time: Aug 03 05:35:48 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	188695	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	54322	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
7) Chloroethane-d5	2.89	69	69017	34.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.80%
10) 1,1-Dichloroethene-d2	4.01	63	96014	20.14	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.56%
20) 2-Butanone-d5	7.09	46	19172	18.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.06%
24) Chloroform-d	7.65	84	180372	35.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	141.24%
26) 1,2-Dichloroethane-d4	8.31	65	139422	48.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	195.80%#
29) Benzene-d6	8.28	84	302720	31.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.24%
33) 1,2-Dichloropropane-d6	9.28	67	139318	44.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	177.76%#
37) Toluene-d8	10.33	98	189253	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.58	79	21910	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.96%
39) 2-Hexanone-d5	10.93	63	11347	14.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.74%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	140920	41.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	165.80%#
61) 1,2-Dichlorobenzene-d4	13.86	152	61660	30.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.96%#

Target Compounds

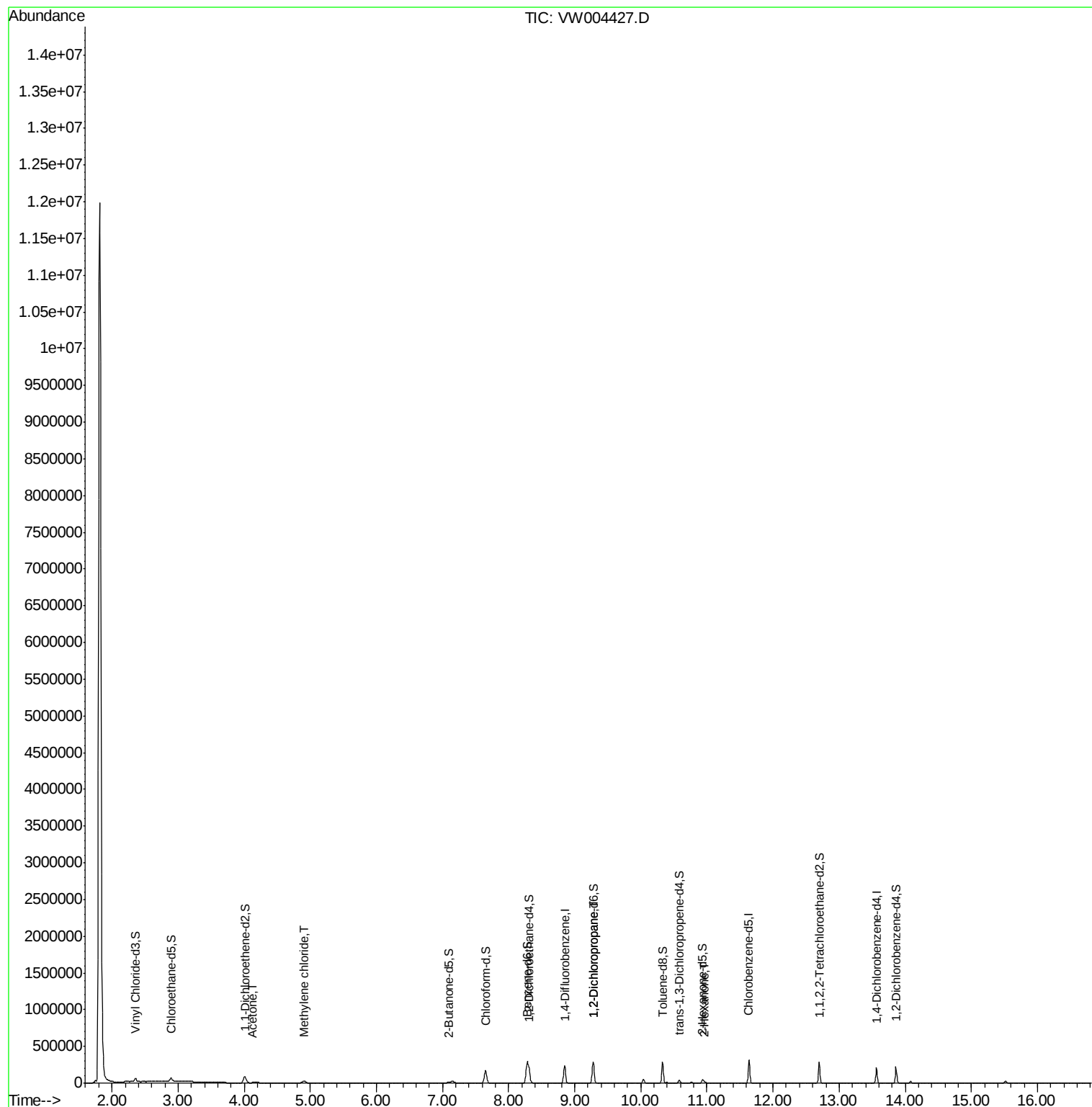
					Ovalue
13) Acetone	4.13	43	8925	9.955 ug/L	98
16) Methylene chloride	4.90	84	14214	3.792 ug/L	92
40) 1,2-Dichloropropane	9.27	63	14482	4.918 ug/L #	88
49) 2-Hexanone	10.96	43	12458	7.509 ug/L #	47

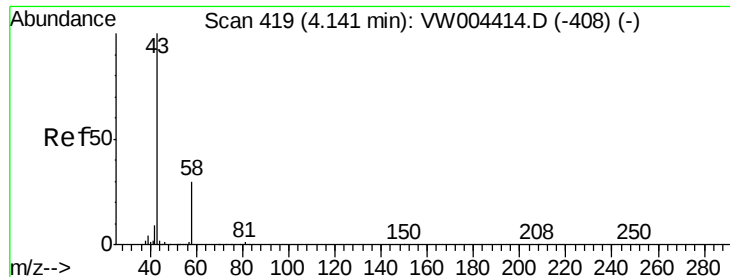
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.955 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

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Acq: 03 Aug 2018 04:56

Instrument :

MSVOA_W

ClientSampled :

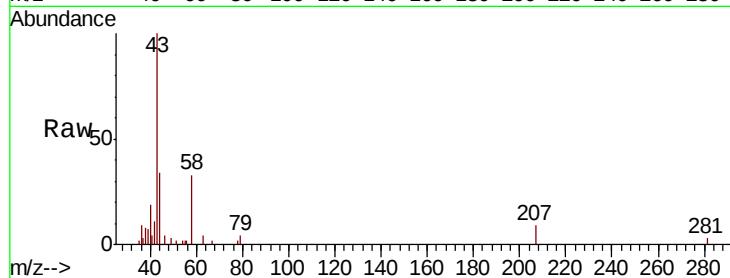
C0AA2

Tot Ion: 43 Resp: 8925

Ion Ratio Lower Upper

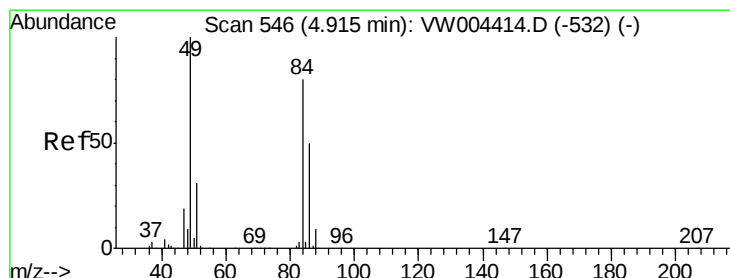
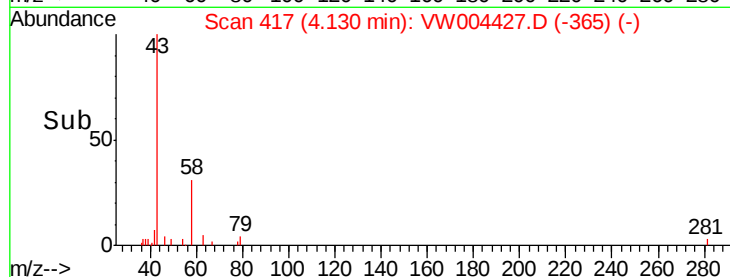
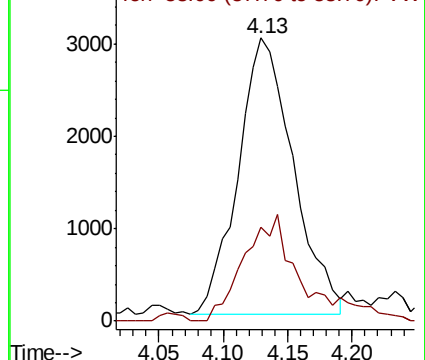
43 100

58 32.2 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: 3.792 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

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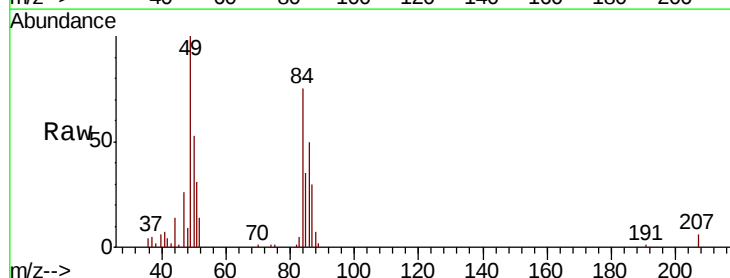
Tgt Ion: 84 Resp: 14214

Ion Ratio Lower Upper

84 100

49 133.5 86.0 159.6

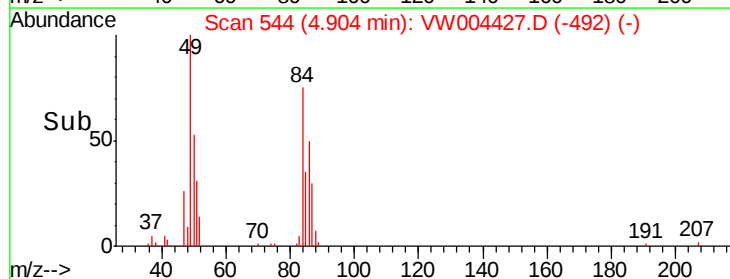
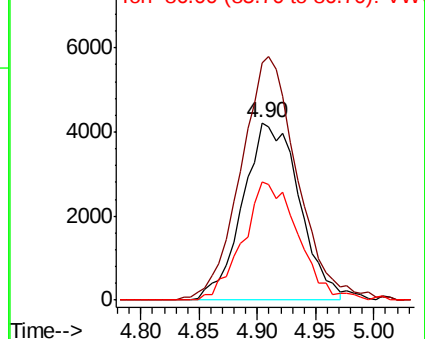
86 66.5 43.5 80.9

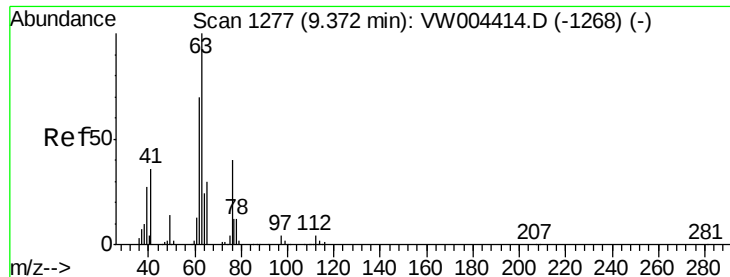


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 4.918 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

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Instrument :

MSVOA_W

ClientSampled :

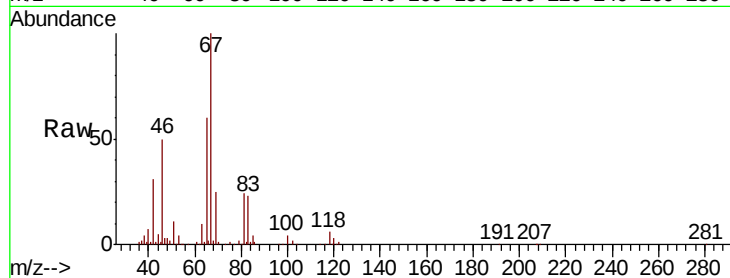
C0AA2

Tot Ion: 63 Resp: 14482

Ion Ratio Lower Upper

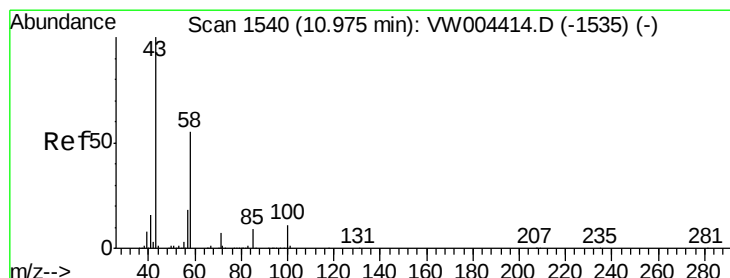
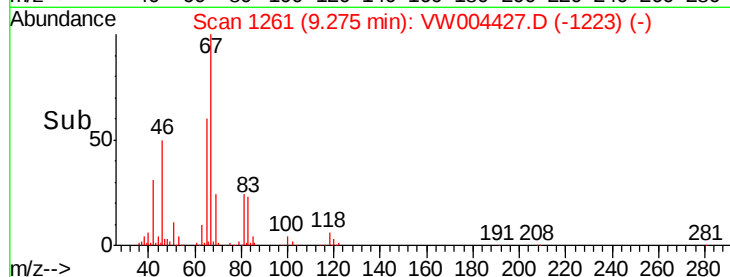
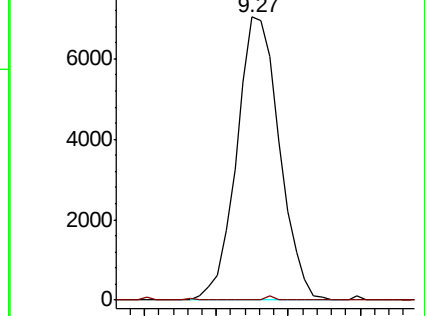
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#49

2-Hexanone

Concen: 7.509 ug/L

RT: 10.96 min Scan# 1538

Delta R.T. -0.01 min

Lab File: VW004427.D

Acq: 03 Aug 2018 04:56

Tgt Ion: 43 Resp: 12458

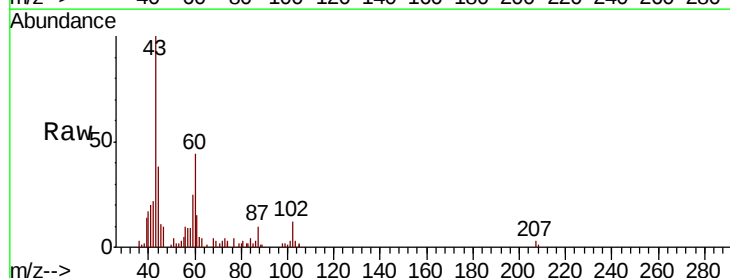
Ion Ratio Lower Upper

43 100

58 6.3 43.4 65.0#

57 5.6 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

