

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004079.D
 Acq On : 20 Jul 2018 16:17
 Operator : SY/AP
 Sample : J4023-22
 Misc : 6.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:57:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	252118	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	219134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	70147	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	59753	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
7) Chloroethane-d5	2.89	69	45146	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.00	63	100340	16.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.08	46	70039	47.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.78%
24) Chloroform-d	7.65	84	163317	27.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.16%
26) 1,2-Dichloroethane-d4	8.31	65	103854	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.24%
29) Benzene-d6	8.28	84	276989	27.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.00%
33) 1,2-Dichloropropane-d6	9.27	67	102387	30.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.80%#
37) Toluene-d8	10.33	98	225061	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.58	79	34964	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	41132	45.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	99572	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	63534	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

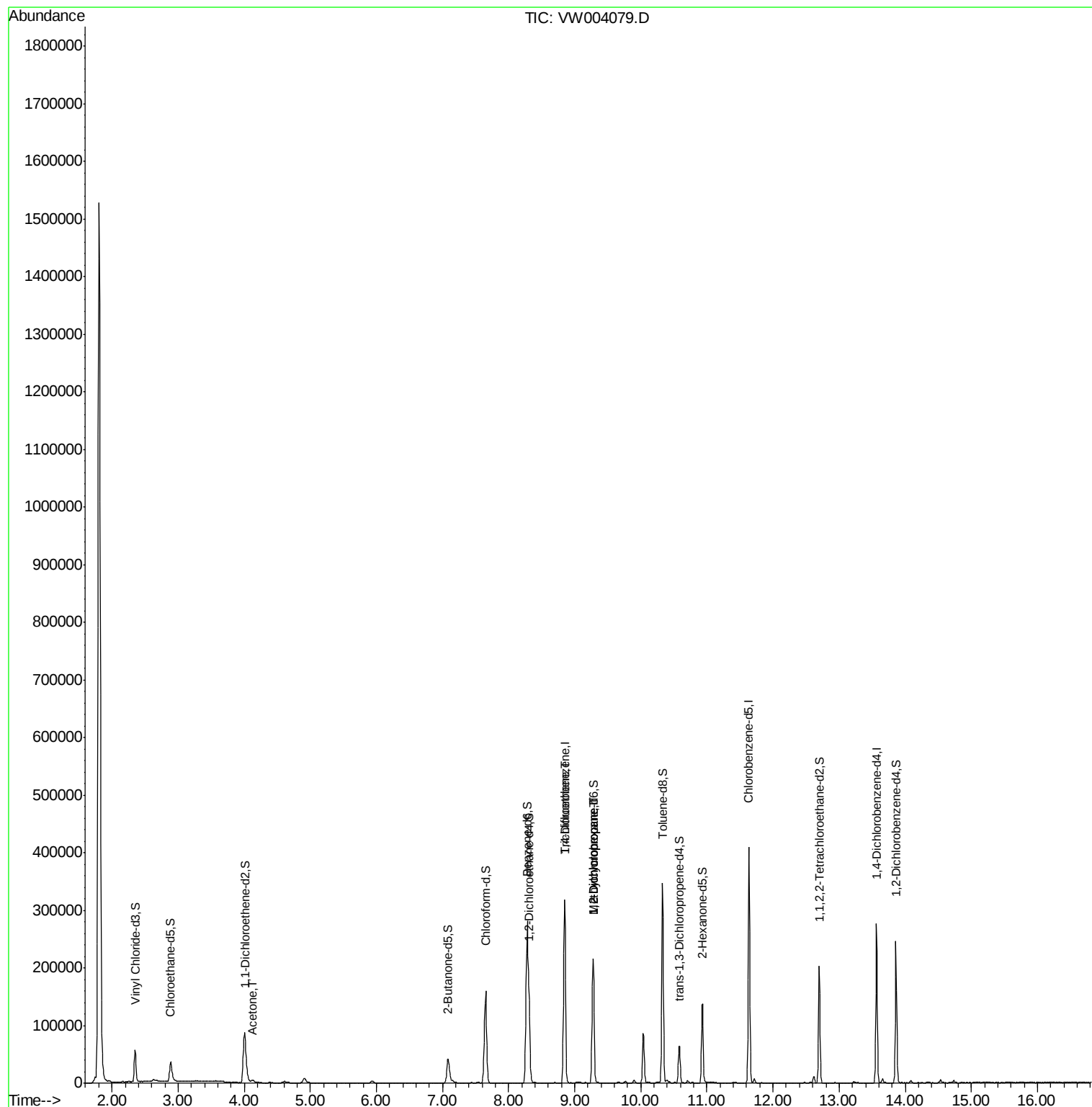
					Ovalue
13) Acetone	4.12	43	6160	3.875 ug/L	90
35) Trichloroethene	8.85	95	7853	2.185 ug/L #	7
36) Methylcyclohexane	9.28	83	23711	3.992 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	11799	3.240 ug/L #	90

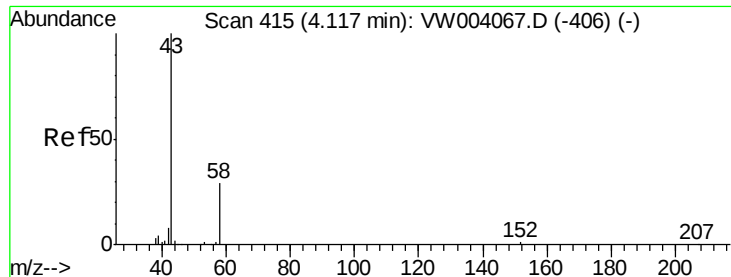
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 21 04:54:15 2018
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#13

Acetone

Concen: 3.875 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004079.D

Acq: 20 Jul 2018 16:17

Instrument :

MSVOA_W

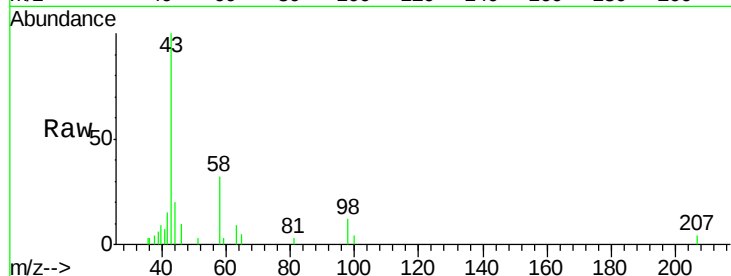
ClientSampleId :

Tot Ion: 43 Resp: 6160

Ion Ratio Lower Upper

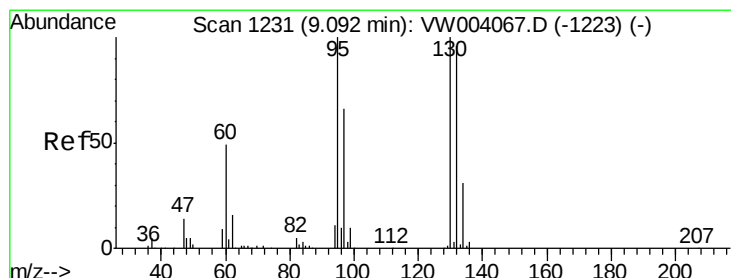
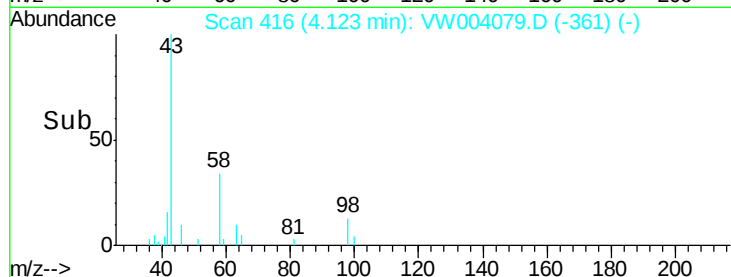
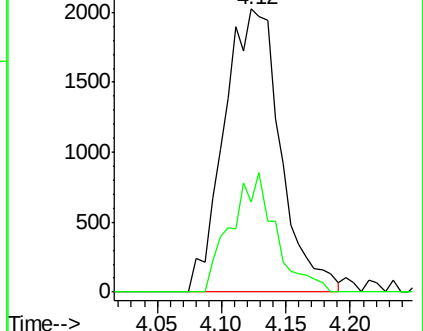
43 100

58 24.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.185 ug/L

RT: 8.85 min Scan# 1192

Delta R.T. -0.24 min

Lab File: VW004079.D

Acq: 20 Jul 2018 16:17

Tgt Ion: 95 Resp: 7853

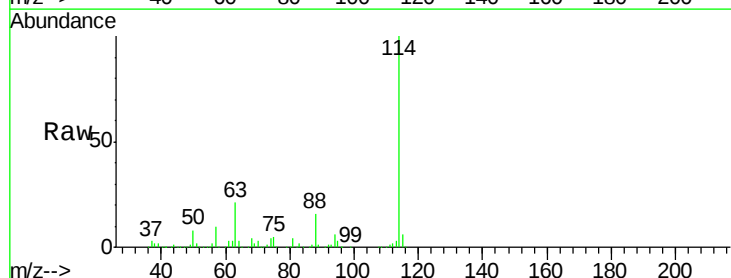
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.9 66.1 122.7#

130 1.5 68.9 127.9#

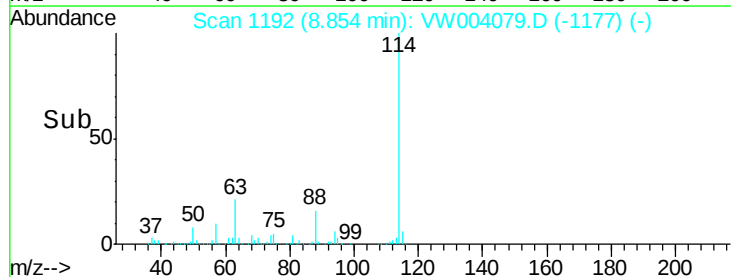
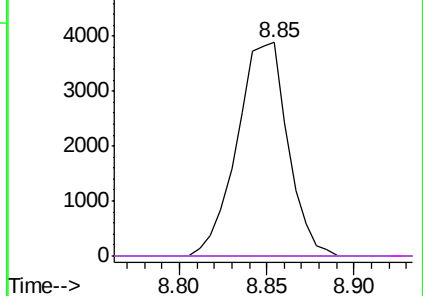


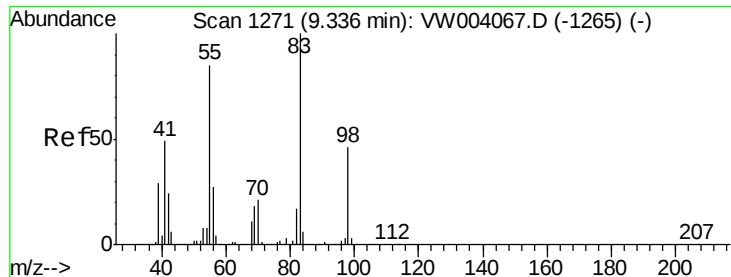
Abundance Ion 95.00 (94.70 to 95.70): VW

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

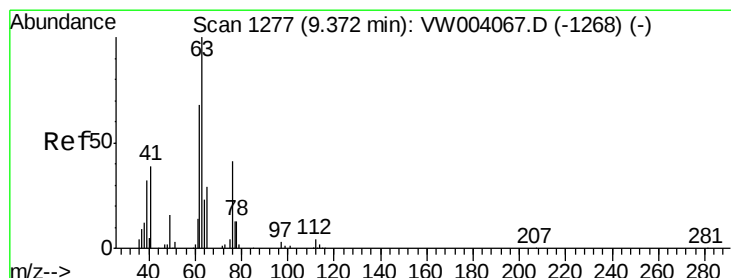
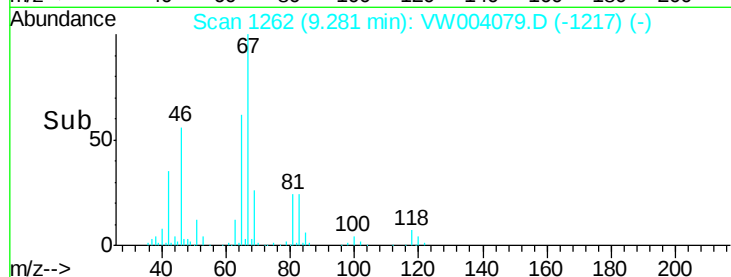
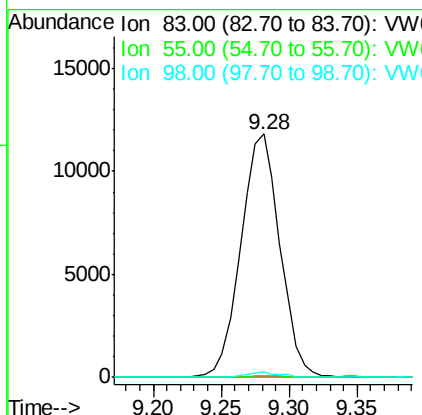
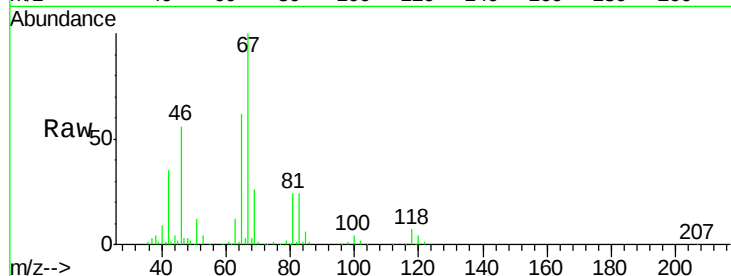




#36
Methvlcvclohexane
Concen: 3.992 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
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Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 23711
Ion Ratio Lower Upper
83 100
55 0.5 65.8 98.6#
98 1.8 37.0 55.6#



#40
1,2-Dichloropropane
Concen: 3.240 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004079.D
Acq: 20 Jul 2018 16:17

Tgt Ion: 63 Resp: 11799
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#

