

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004063.D
 Acq On : 20 Jul 2018 04:17
 Operator : VA/AP
 Sample : J4023-14
 Misc : 7.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1L8

Quant Time: Jul 20 07:23:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	133907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63722	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	2.89	69	47531	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	110959	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	7.08	46	65248	35.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.44%
24) Chloroform-d	7.65	84	183471	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.31	65	110668	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.28	84	313226	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.28	67	115451	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.33	98	270778	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.28%
38) trans-1,3-Dichloropropene-	10.59	79	43765	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	43996	34.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	114325	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	113146	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

Target Compounds

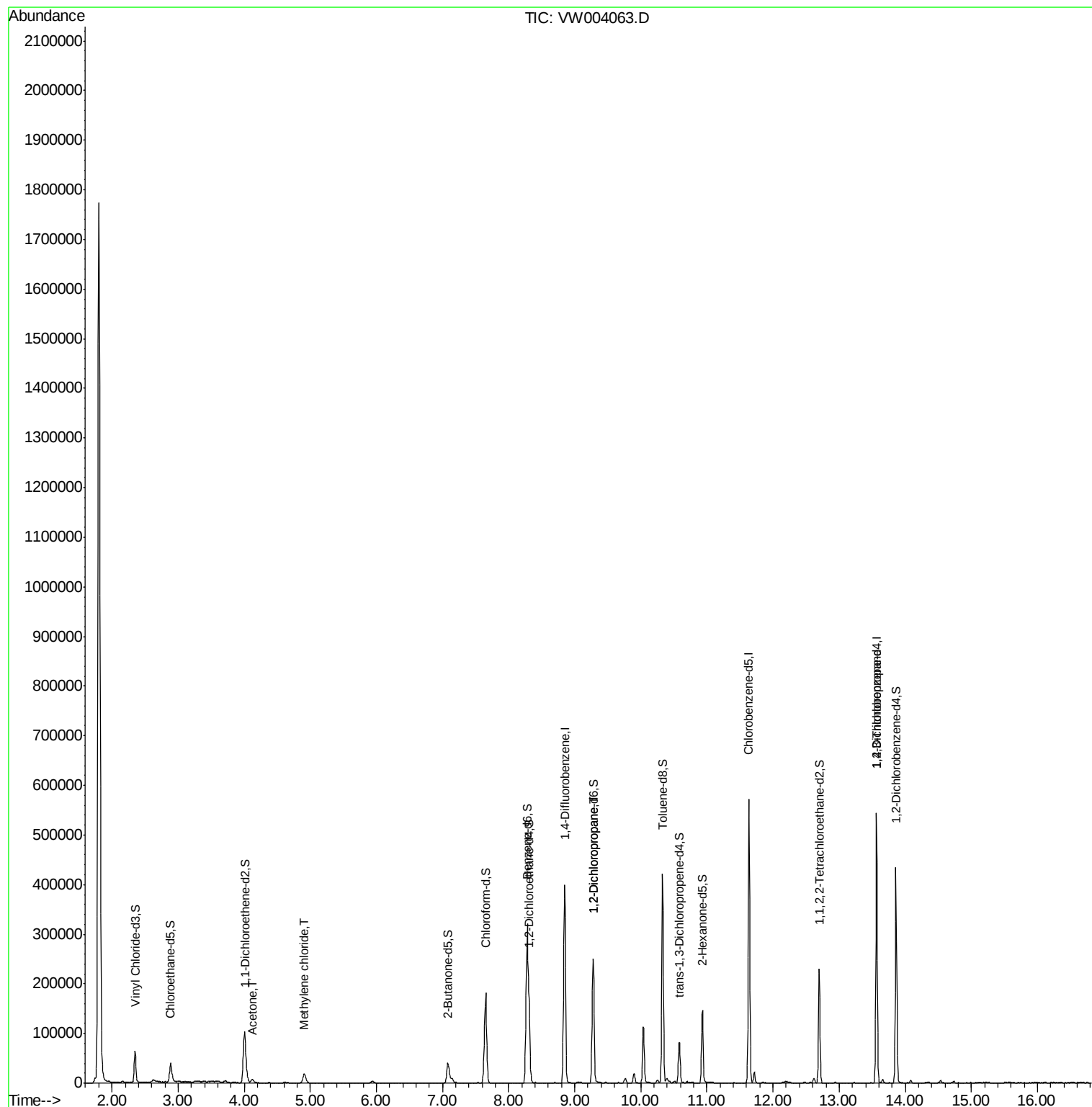
					Qvalue
13) Acetone	4.12	43	10171	5.122 ug/L	98
16) Methylene chloride	4.90	84	13321	2.205 ug/L	90
40) 1,2-Dichloropropane	9.27	63	13284	2.623 ug/L #	90
59) 1,2,3-Trichloropropane	13.57	75	16494	3.788 ug/L	89

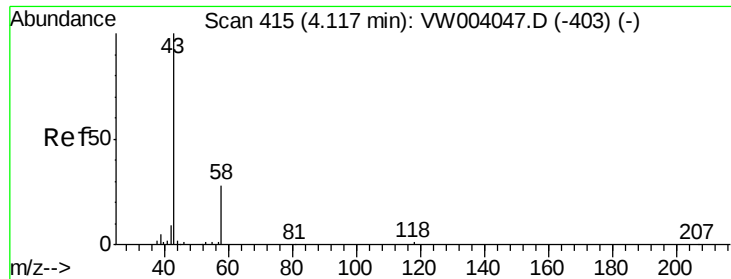
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 07:22:04 2018
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#13

Acetone

Concen: 5.122 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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Acq: 20 Jul 2018 04:17

Instrument :

MSVOA_W

ClientSampled :

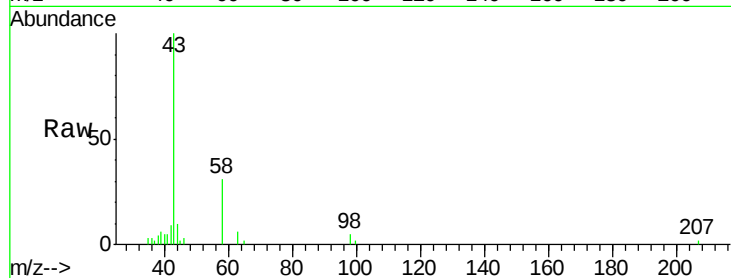
DB1L8

Tgt Ion: 43 Resp: 10171

Ion Ratio Lower Upper

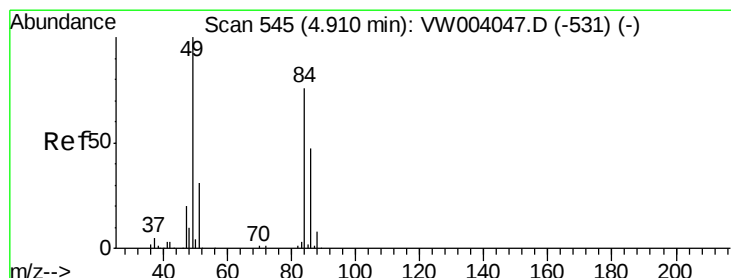
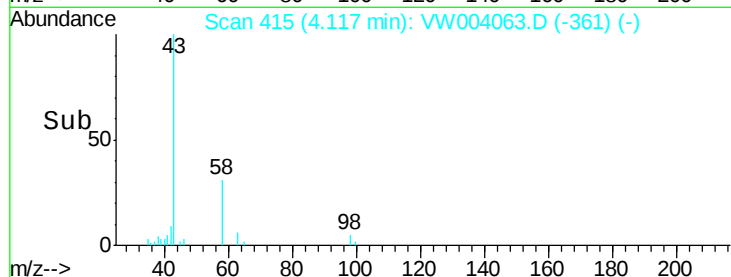
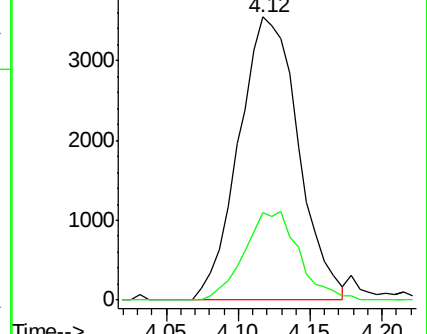
43 100

58 28.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.205 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

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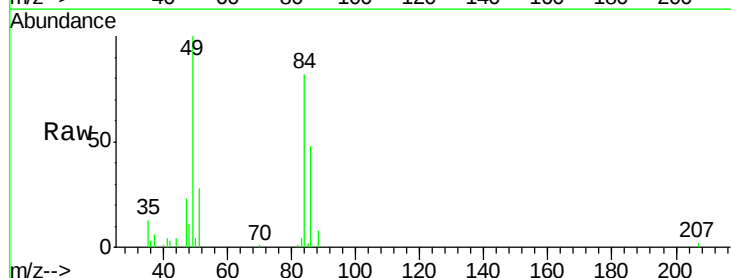
Tgt Ion: 84 Resp: 13321

Ion Ratio Lower Upper

84 100

49 121.9 94.2 175.0

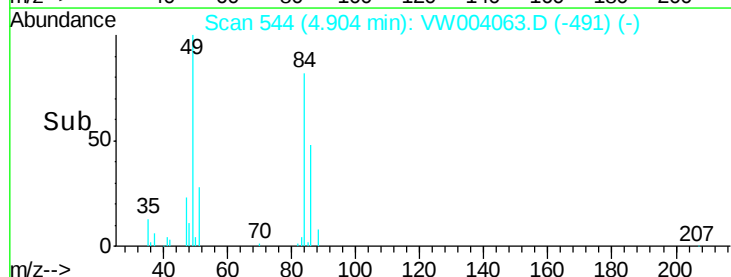
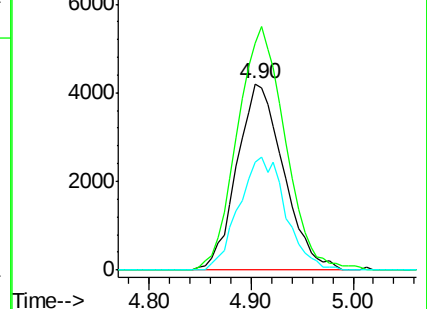
86 58.2 45.1 83.9

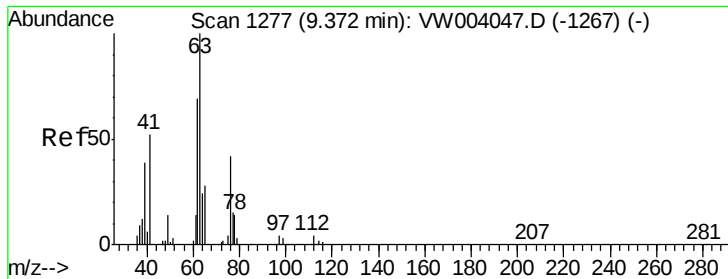


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

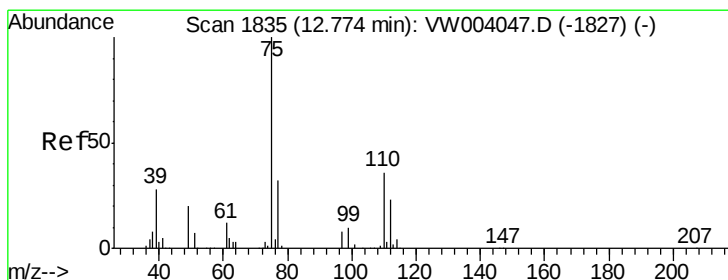
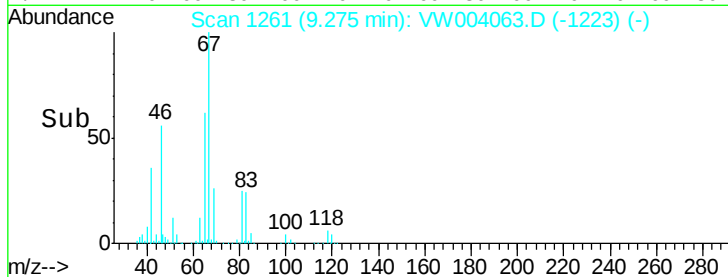
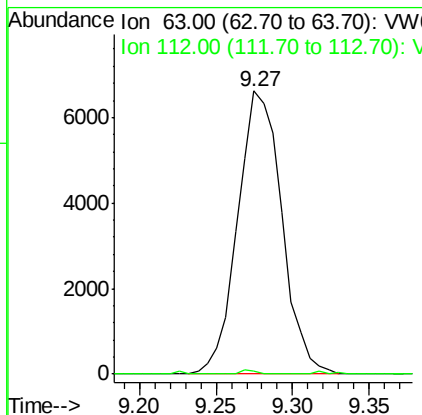
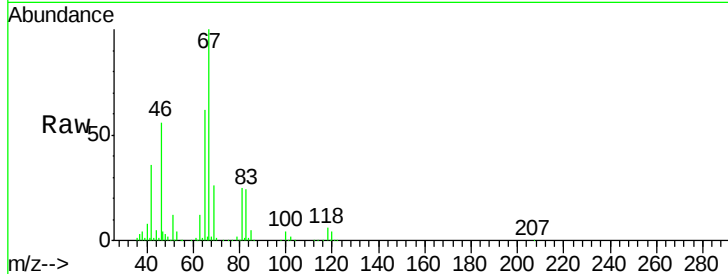




#40
 1,2-Dichloropropane
 Concen: 2.623 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 13284
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.788 ug/L
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.79 min
 Lab File: VW004063.D
 Acq: 20 Jul 2018 04:17

Tgt Ion: 75 Resp: 16494
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.4 38.0

