

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004053.D
 Acq On : 20 Jul 2018 00:00
 Operator : VA/AP
 Sample : J4023-04
 Misc : 7.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K5

Quant Time: Jul 20 07:22:35 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	284390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	95047	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60248	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.89	69	44634	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.01	63	103745	15.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.48%
20) 2-Butanone-d5	7.09	46	41342	25.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.12%
24) Chloroform-d	7.65	84	169853	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.31	65	101107	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	8.28	84	287093	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	107084	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.84%
37) Toluene-d8	10.33	98	238898	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	10.58	79	35033	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.93	63	27552	25.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91671	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	77823	25.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.84%

Target Compounds

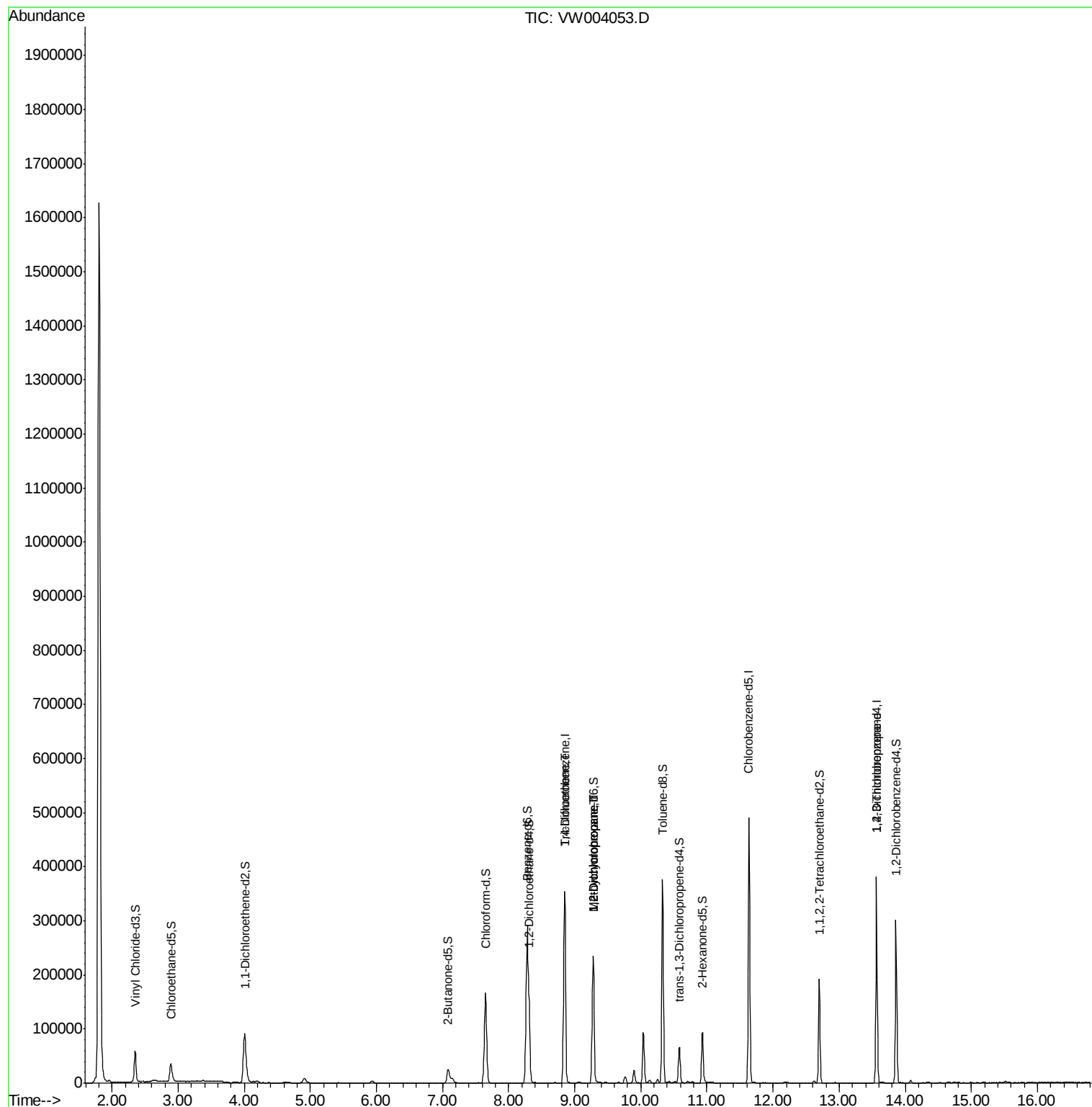
					Qvalue
35) Trichloroethene	8.85	95	8639	2.013 ug/L #	6
36) Methylcyclohexane	9.28	83	24671	3.479 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	12170	2.799 ug/L #	91
59) 1,2,3-Trichloropropane	13.57	75	11797	3.156 ug/L #	86

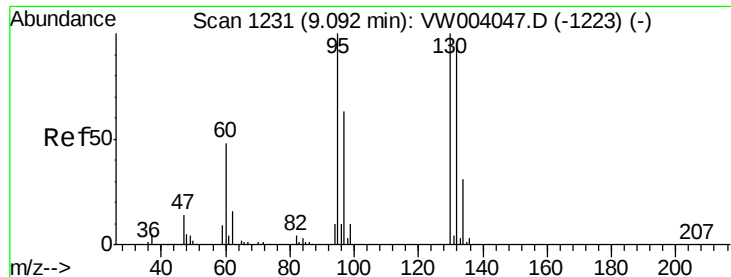
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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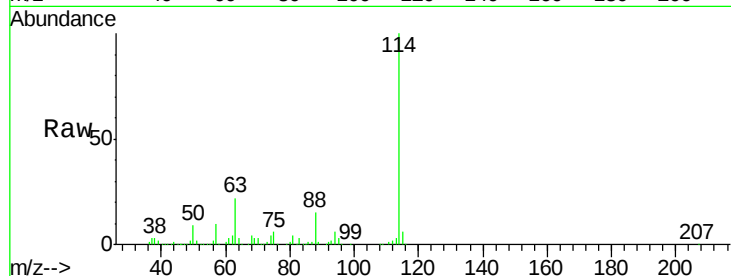




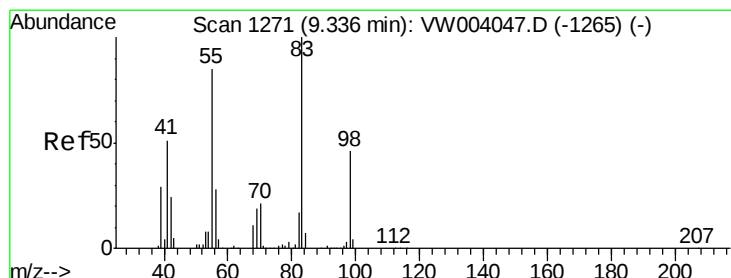
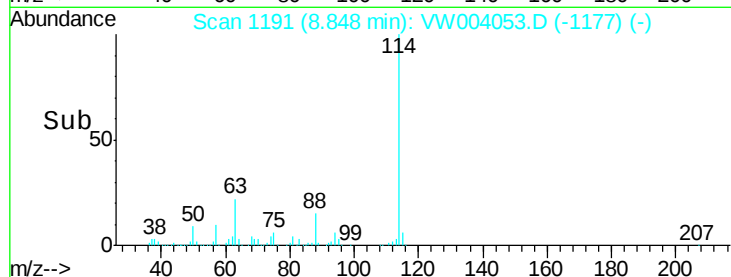
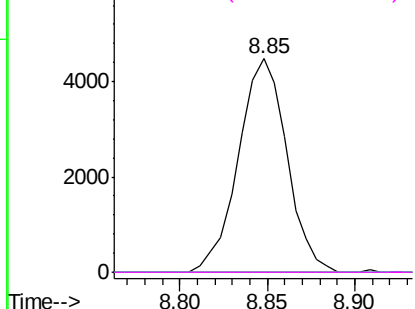
#35
 Trichloroethene
 Concen: 2.013 ug/L
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.24 min
 Lab File: VW004053.D
 Acq: 20 Jul 2018 00:00

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K5

Tgt Ion: 95 Resp: 8639
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.7 83.1#
 132 0.0 66.1 122.7#
 130 0.0 68.9 127.9#

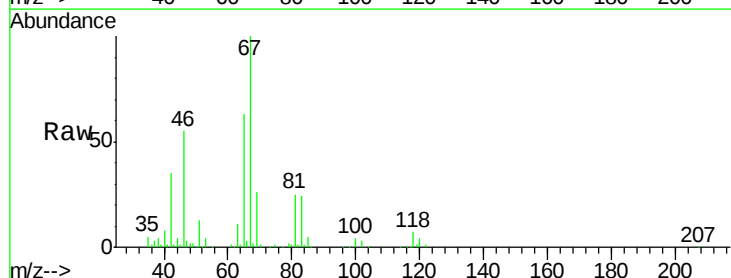


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

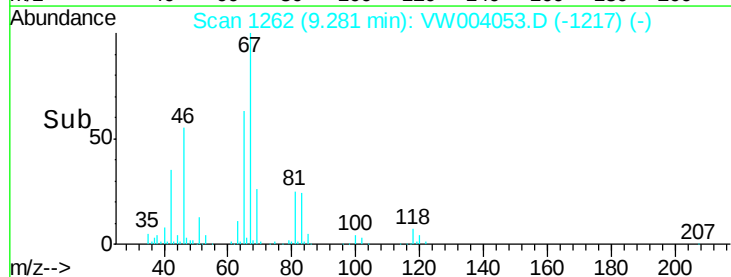
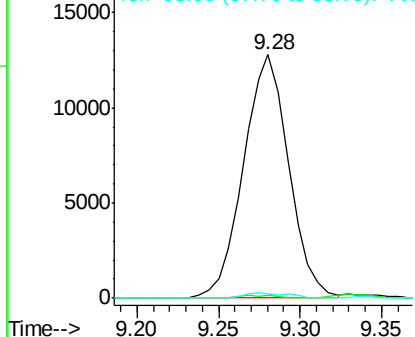


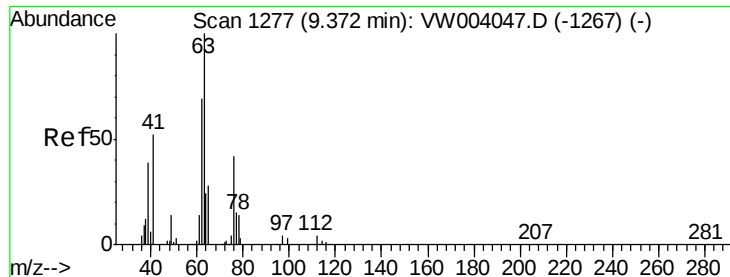
#36
 Methylcyclohexane
 Concen: 3.479 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: VW004053.D
 Acq: 20 Jul 2018 00:00

Tgt Ion: 83 Resp: 24671
 Ion Ratio Lower Upper
 83 100
 55 0.8 65.8 98.6#
 98 1.5 37.0 55.6#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.799 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampleId :

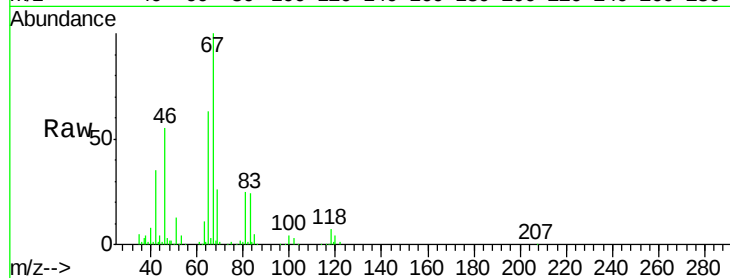
DB1K5

Tgt Ion: 63 Resp: 12170

Ion Ratio Lower Upper

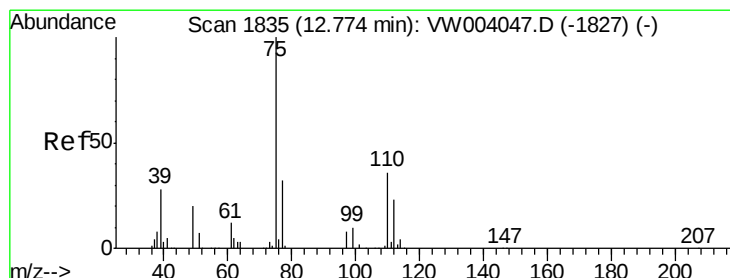
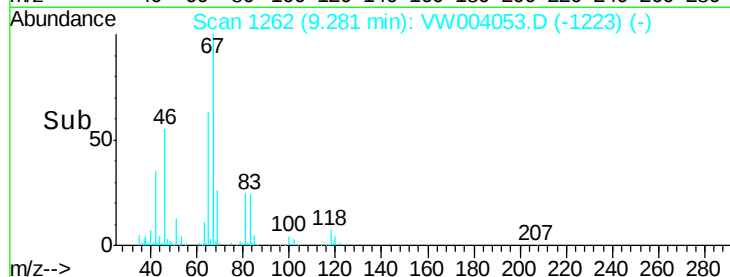
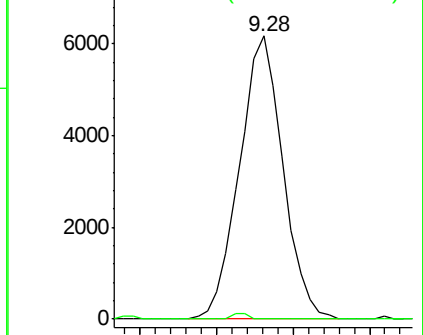
63 100

112 0.7 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 3.156 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004053.D

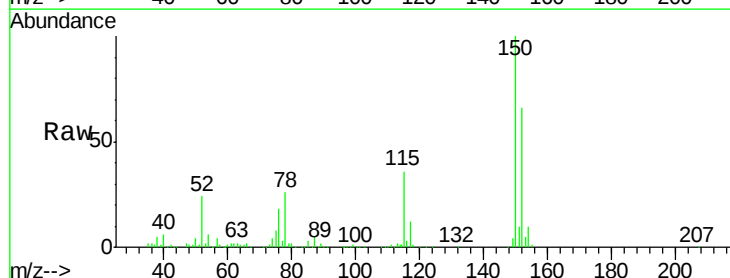
Acq: 20 Jul 2018 00:00

Tgt Ion: 75 Resp: 11797

Ion Ratio Lower Upper

75 100

77 39.5 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

