

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014660.D
 Acq On : 15 Jan 2020 19:15
 Operator : SY/VA
 Sample : L1118-13
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK4

Quant Time: Jan 16 01:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1156257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1035295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	464149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	300167	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
7) Chloroethane-d5	2.89	69	239606	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
10) 1,1-Dichloroethene-d2	4.14	63	519	0.02	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	147956	38.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.30%
24) Chloroform-d	7.65	84	549426	20.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	8.40	65	301	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1210469	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.27	67	370331	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	1087873	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.58	79	139257	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.92	63	115973	40.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	258512	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	365985	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

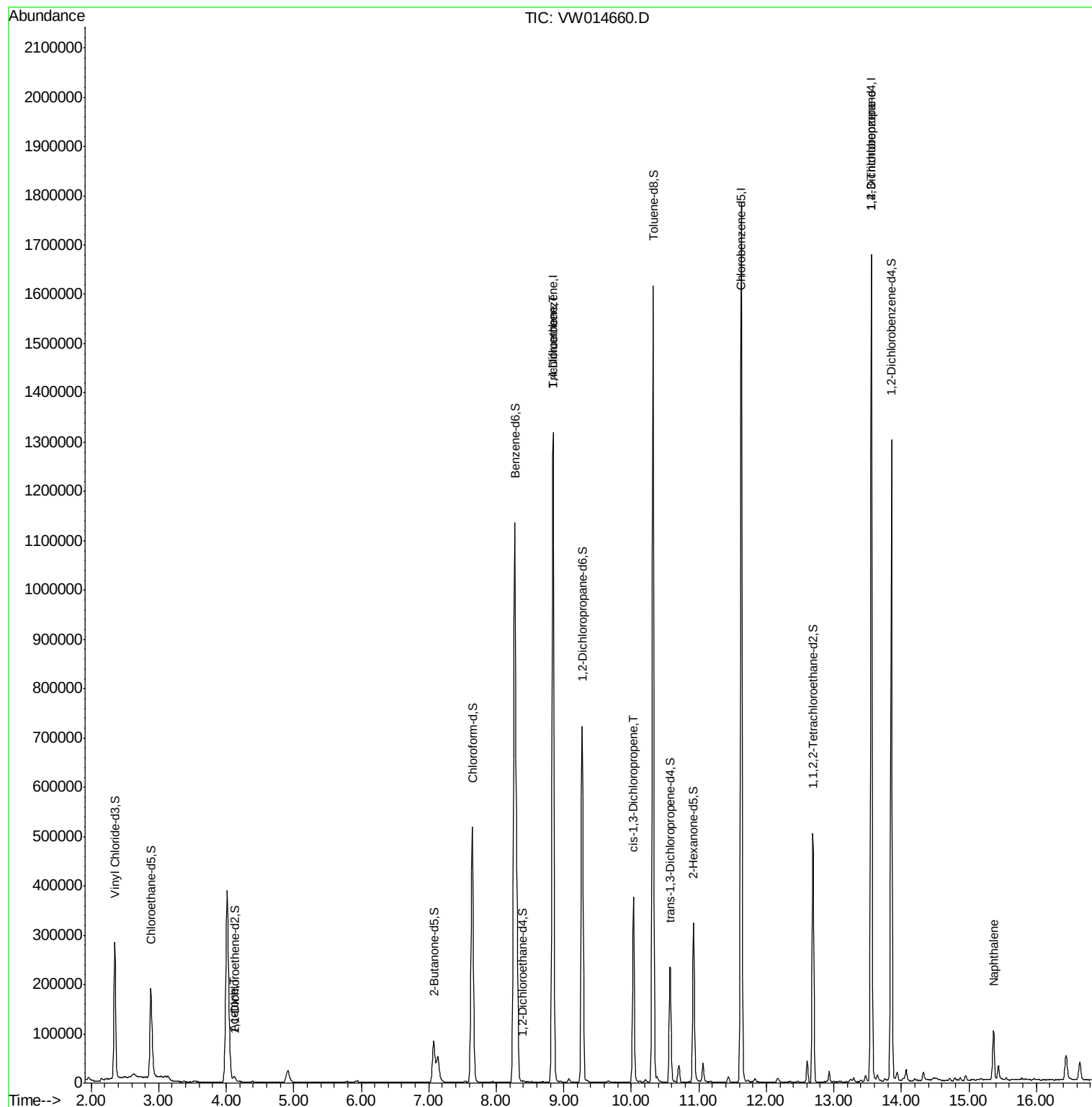
					Ovalue
13) Acetone	4.12	43	17326	3.226 ug/L	95
35) Trichloroethene	8.84	95	32760	2.037 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	8642	0.367 ug/L #	47
59) 1,2,3-Trichloropropane	13.55	75	52715	5.189 ug/L	94
69) Naphthalene	15.36	128	90481	3.212 ug/L	99

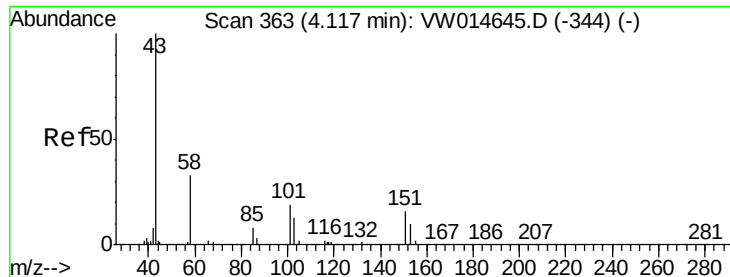
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014660.D

Acq: 15 Jan 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

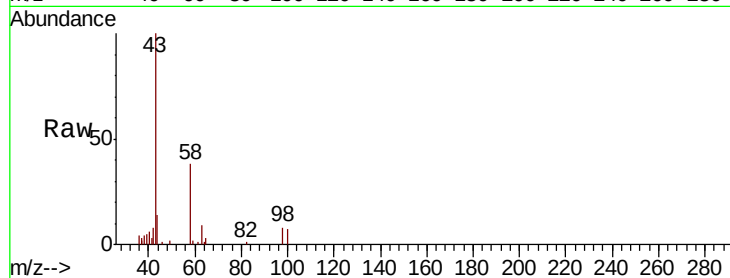
GASK4

Tot Ion: 43 Resp: 17326

Ion Ratio Lower Upper

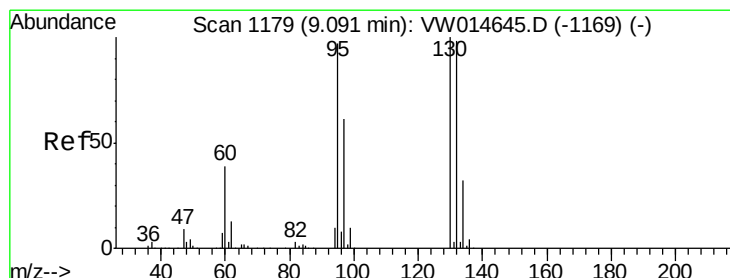
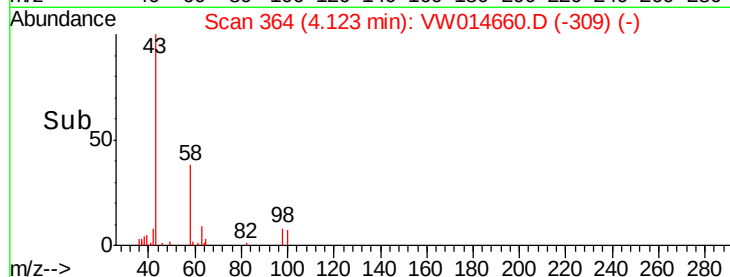
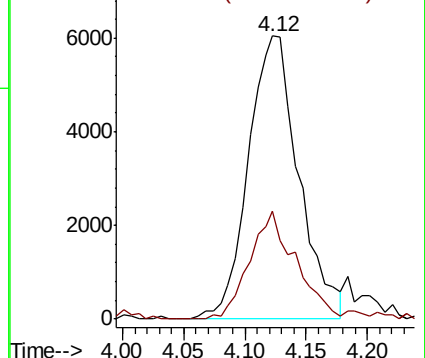
43 100

58 34.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.037 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW014660.D

Acq: 15 Jan 2020 19:15

Tgt Ion: 95 Resp: 32760

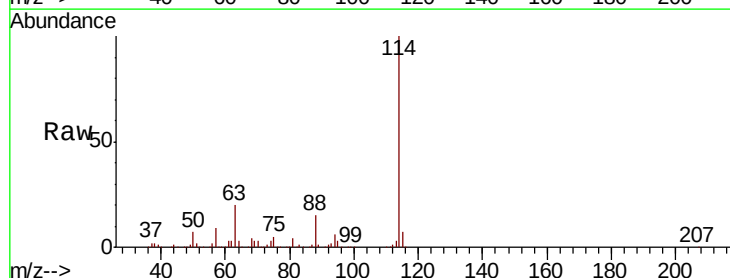
Ion Ratio Lower Upper

95 100

97 0.6 44.3 82.3#

132 0.4 69.2 128.6#

130 0.0 72.3 134.3#

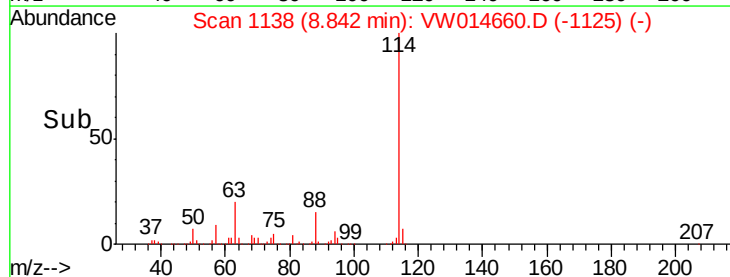
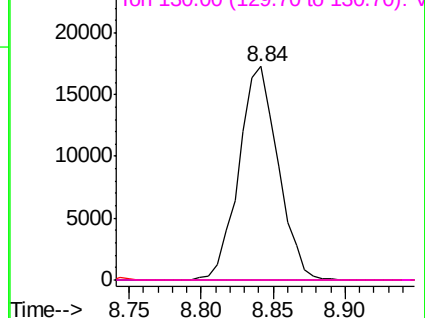


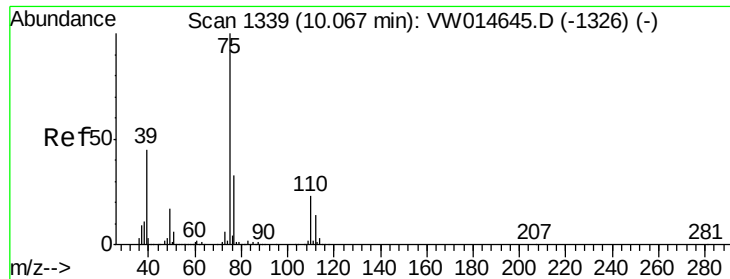
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.367 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014660.D

Acq: 15 Jan 2020 19:15

Instrument :

MSVOA_W

ClientSampled :

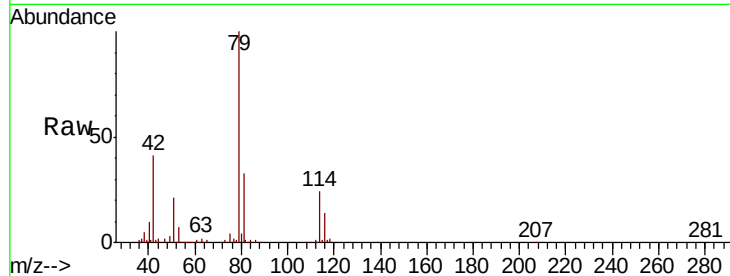
GASK4

Tot Ion: 75 Resp: 8642

Ion Ratio Lower Upper

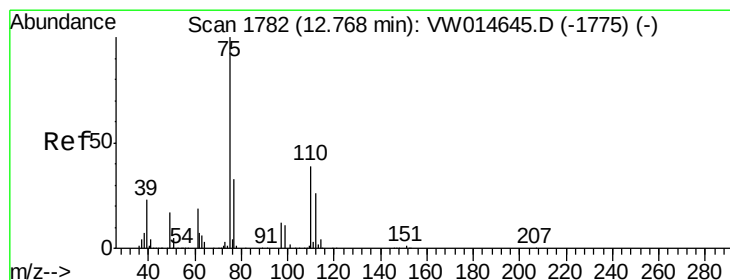
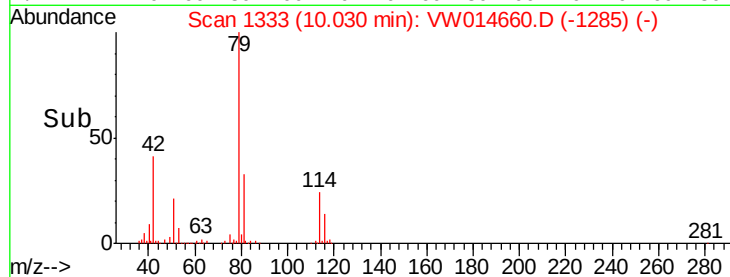
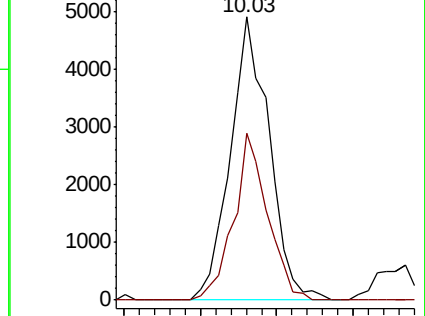
75 100

77 58.8 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.189 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014660.D

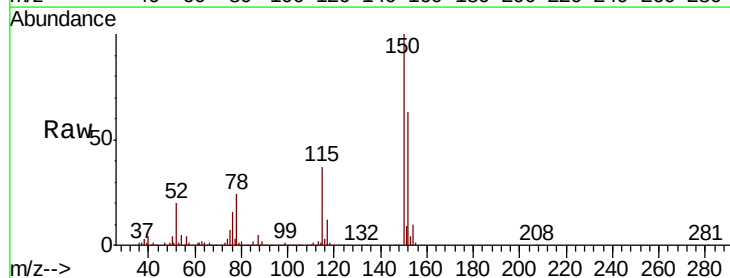
Acq: 15 Jan 2020 19:15

Tgt Ion: 75 Resp: 52715

Ion Ratio Lower Upper

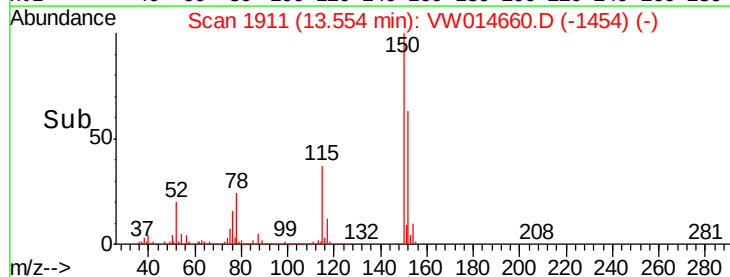
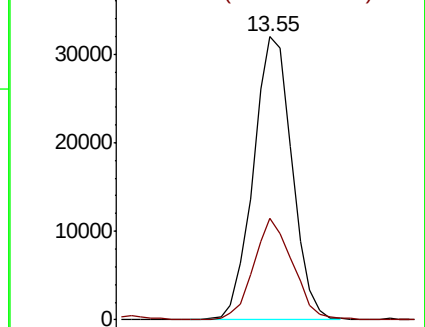
75 100

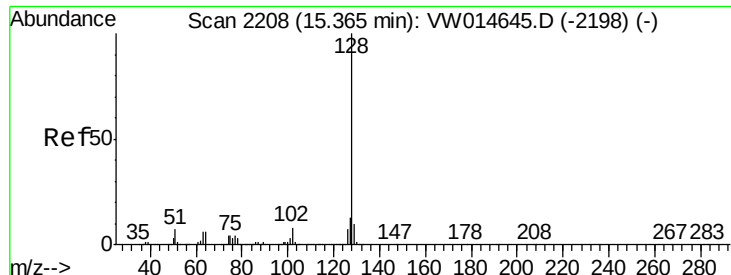
77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#69

Naphthalene

Concen: 3.212 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014660.D

Acq: 15 Jan 2020 19:15

Instrument :

MSVOA_W

ClientSampleId :

GASK4

Tot Ion:128 Resp: 90481

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.7 10.6 16.0

