

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013747.D
 Acq On : 25 Oct 2019 14:48
 Operator : SY/VA
 Sample : K5549-03
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ56

Quant Time: Oct 26 03:41:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138044	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101823	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
7) Chloroethane-d5	2.89	69	82774	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	4.02	63	155217	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.08	46	70388	48.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.62%
24) Chloroform-d	7.65	84	209035	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.31	65	117787	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.00%
29) Benzene-d6	8.27	84	447437	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	136739	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.32	98	403787	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.58	79	59403	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.32%
39) 2-Hexanone-d5	10.92	63	56769	53.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114852	25.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	111773	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

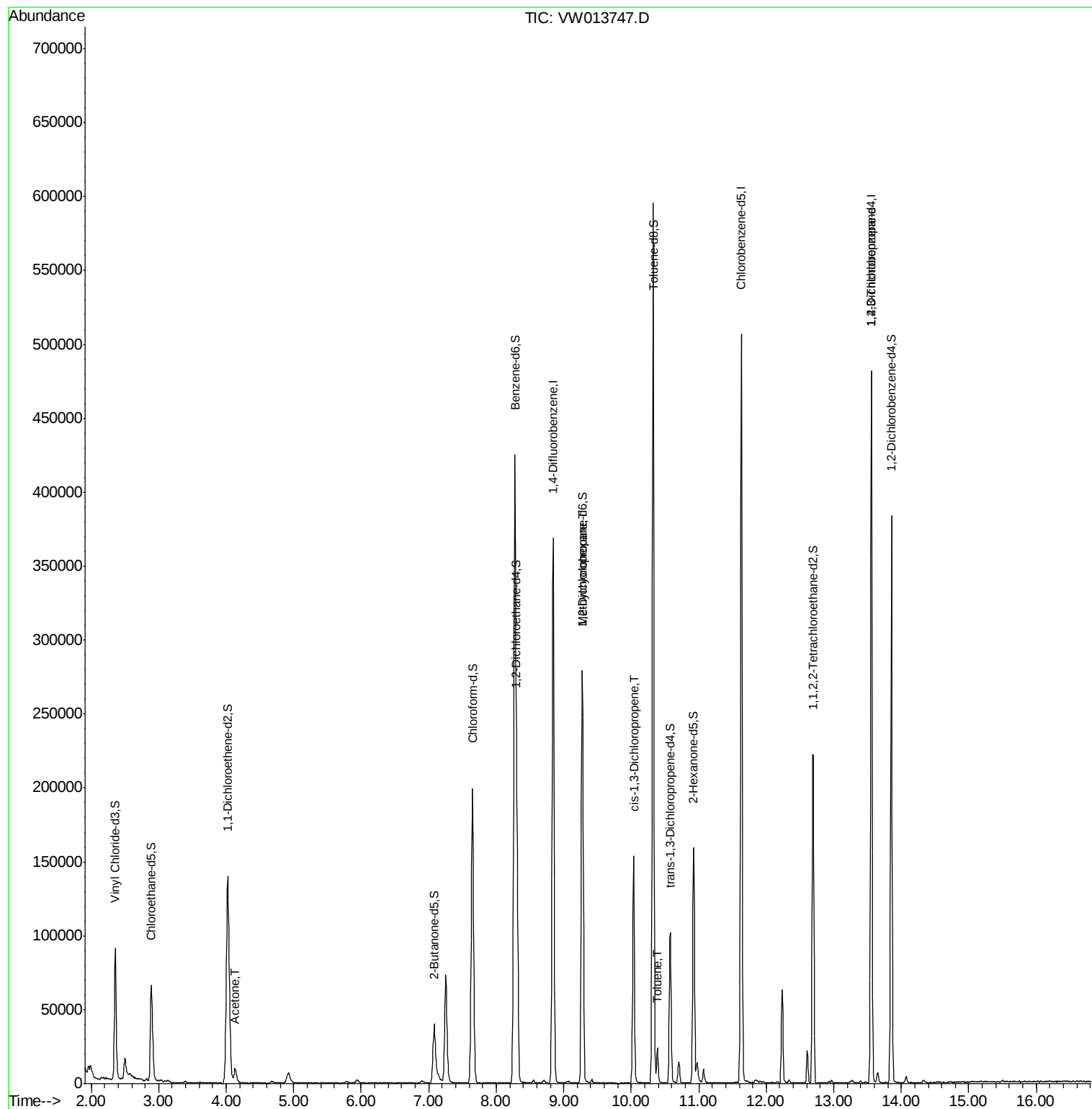
					Ovalue
13) Acetone	4.13	43	16908	10.564	ug/L 72
36) Methylcyclohexane	9.27	83	32906	3.292	ug/L # 20
42) cis-1,3-Dichloropropene	10.03	75	3596	0.421	ug/L 90
44) Toluene	10.39	91	18008	0.758	ug/L 95
59) 1,2,3-Trichloropropane	13.55	75	14733	4.045	ug/L 98

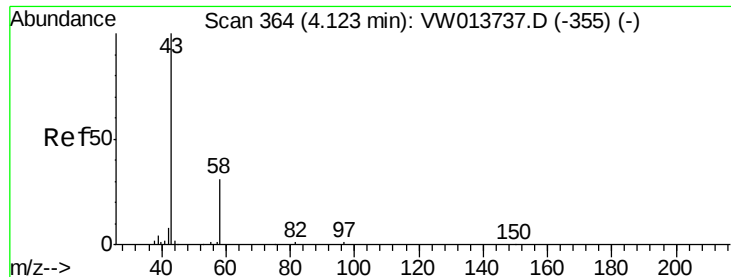
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.564 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013747.D

Acq: 25 Oct 2019 14:48

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MSVOA_W

ClientSampleId :

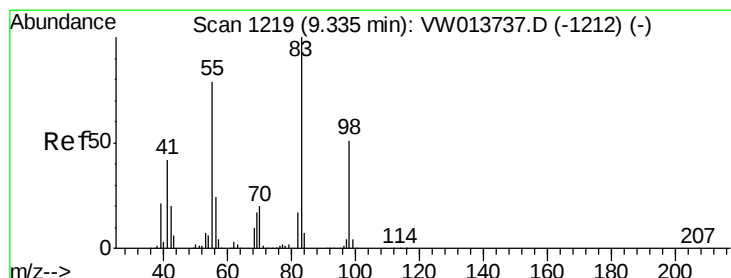
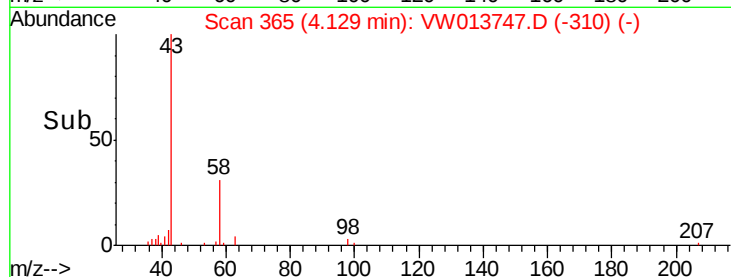
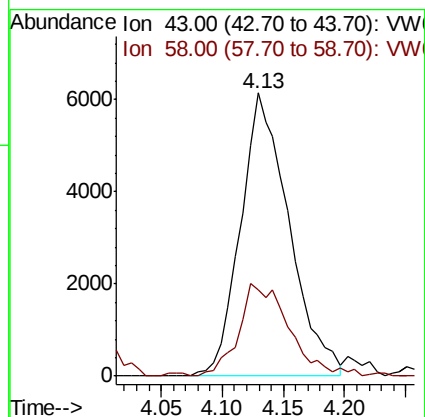
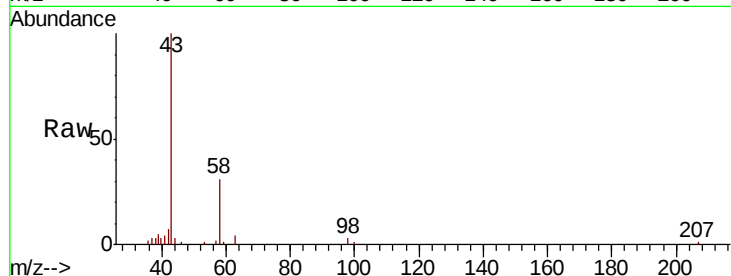
GAQ56

Tot Ion: 43 Resp: 16908

Ion Ratio Lower Upper

43 100

58 18.6 0.0 70.4



#36

Methylcyclohexane

Concen: 3.292 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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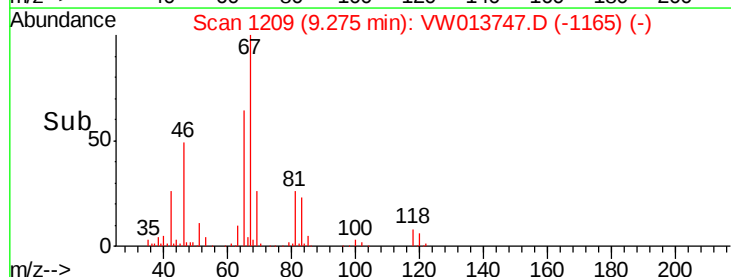
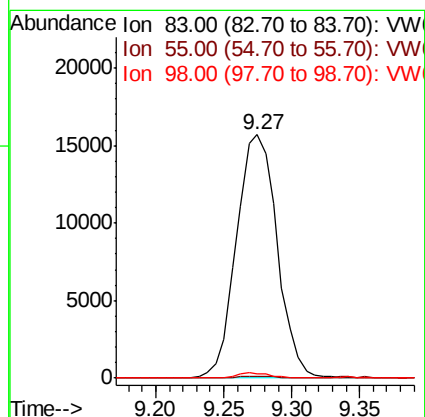
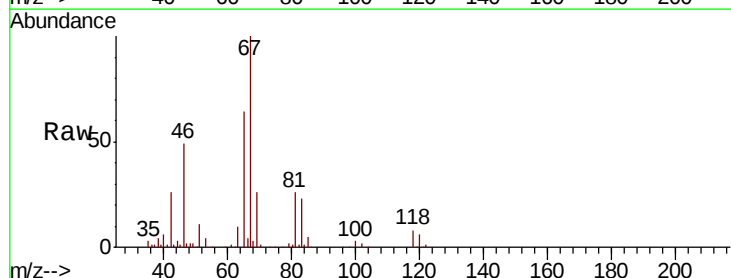
Tgt Ion: 83 Resp: 32906

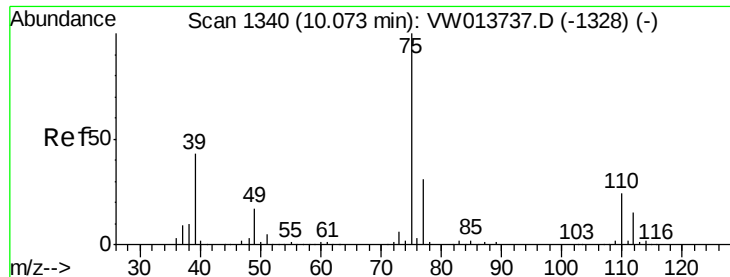
Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.4#

98 1.8 39.1 58.7#





#42

cis-1,3-Dichloropropene

Concen: 0.421 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

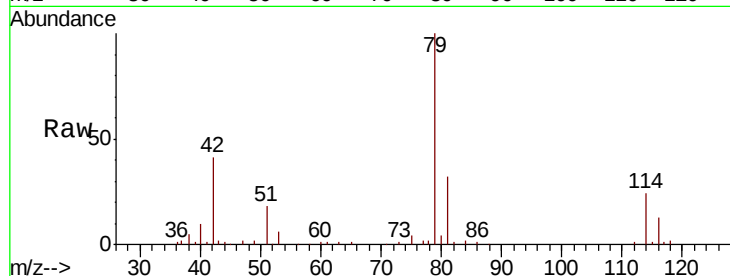
GAQ56

Tot Ion: 75 Resp: 3596

Ion Ratio Lower Upper

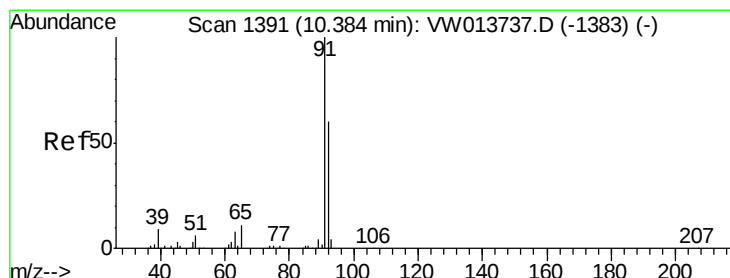
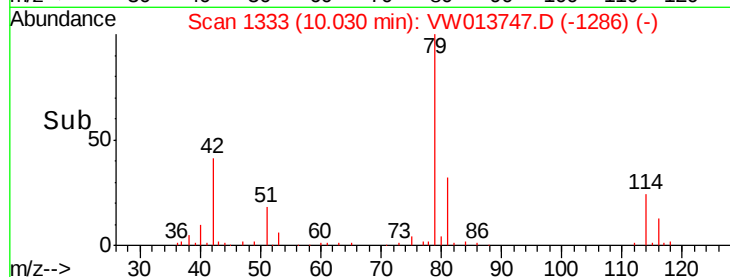
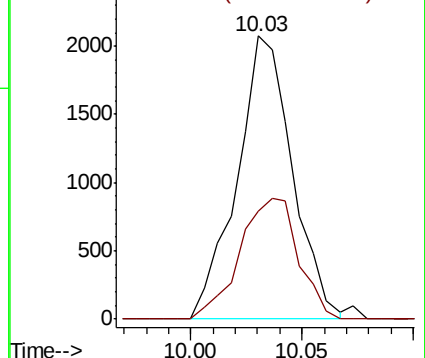
75 100

77 38.0 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.758 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013747.D

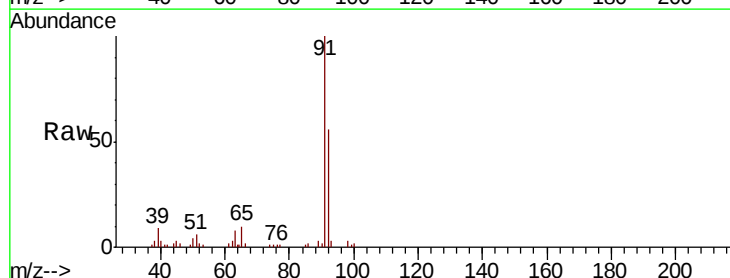
Acq: 25 Oct 2019 14:48

Tgt Ion: 91 Resp: 18008

Ion Ratio Lower Upper

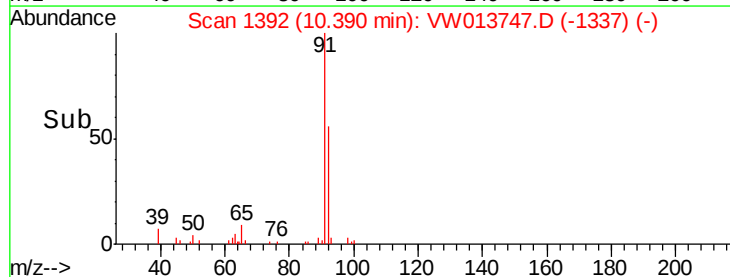
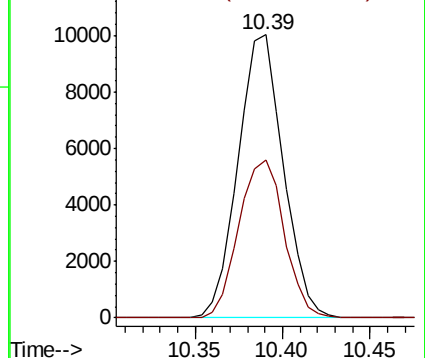
91 100

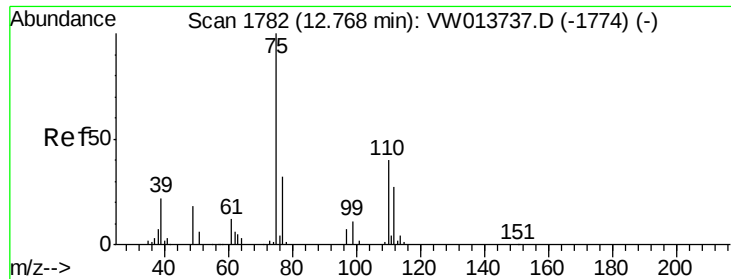
92 55.9 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.045 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013747.D

Acq: 25 Oct 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

GAQ56

Tot Ion: 75 Resp: 14733

Ion Ratio Lower Upper

75 100

77 32.0 26.4 39.6

