

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013755.D
 Acq On : 25 Oct 2019 18:17
 Operator : SY/VA
 Sample : K5549-12
 Misc : 4.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ65

Quant Time: Oct 26 03:42:33 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	282511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141316	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88194	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
7) Chloroethane-d5	2.89	69	71875	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.03	63	132669	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.08	46	71387	57.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.16%
24) Chloroform-d	7.65	84	180114	22.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	8.31	65	107639	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.16%
29) Benzene-d6	8.27	84	384644	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	117653	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.32	98	352413	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	52430	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.92	63	59712	61.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112218	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	119161	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

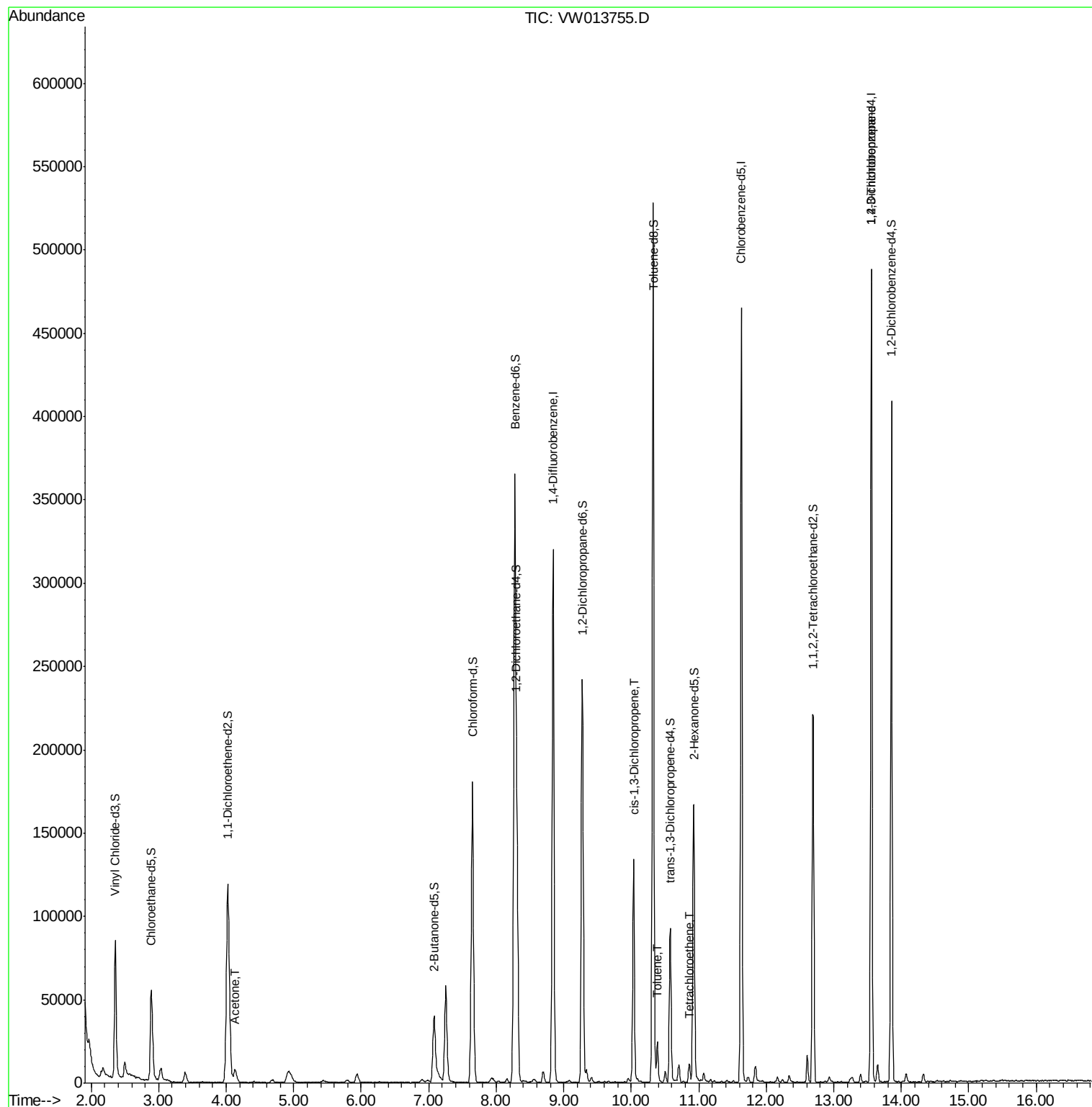
					Ovalue
13) Acetone	4.13	43	14165	10.295	ug/L 97
42) cis-1,3-Dichloropropene	10.03	75	2842	0.365	ug/L # 78
44) Toluene	10.38	91	19108	0.882	ug/L 93
47) Tetrachloroethene	10.87	164	3023	0.639	ug/L 77
59) 1,2,3-Trichloropropane	13.55	75	13922	4.191	ug/L 90

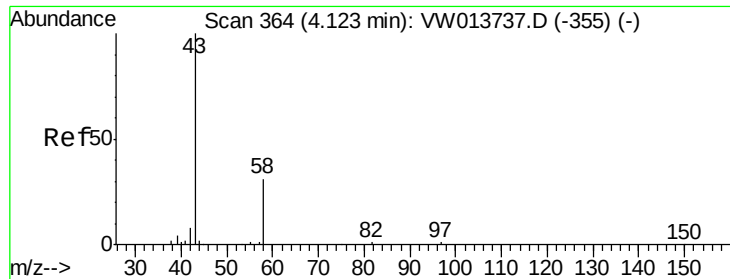
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.295 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013755.D

Acq: 25 Oct 2019 18:17

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MSVOA_W

ClientSampleId :

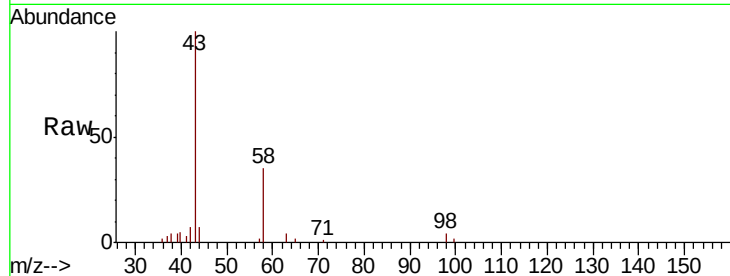
GAQ65

Tot Ion: 43 Resp: 14165

Ion Ratio Lower Upper

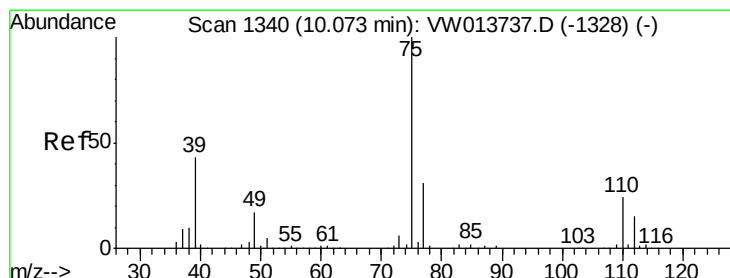
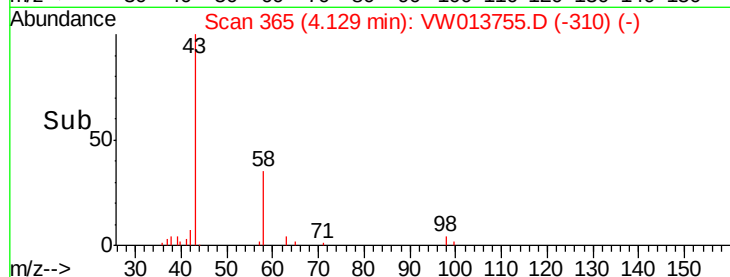
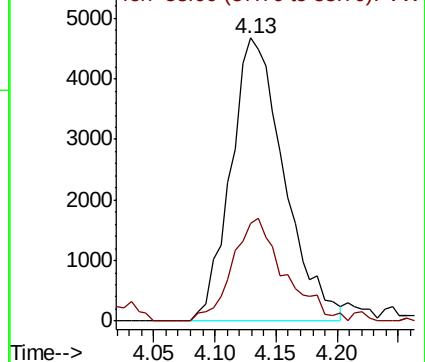
43 100

58 33.4 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.365 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013755.D

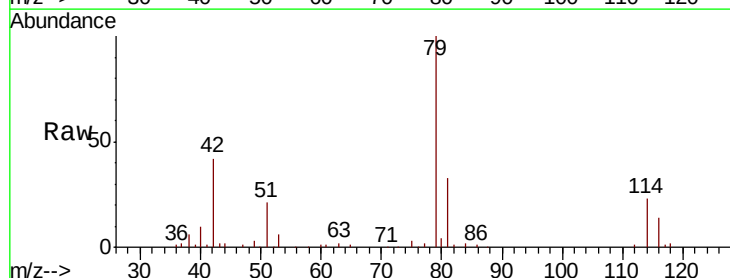
Acq: 25 Oct 2019 18:17

Tgt Ion: 75 Resp: 2842

Ion Ratio Lower Upper

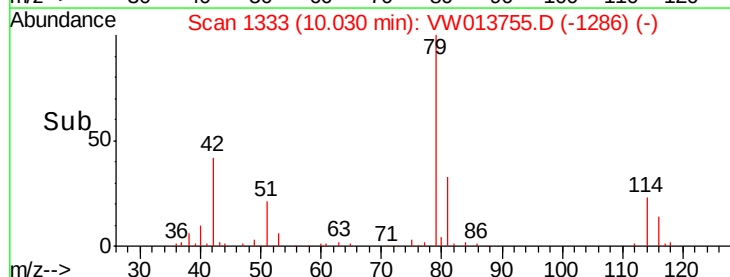
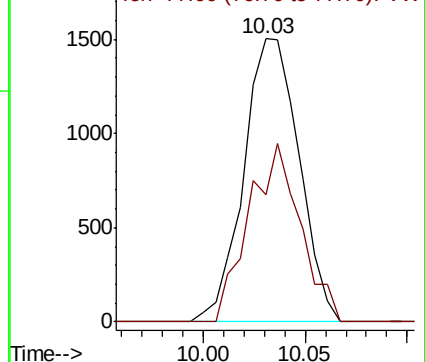
75 100

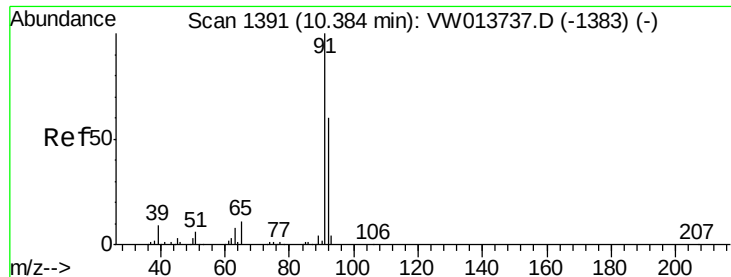
77 44.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.882 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013755.D

Acq: 25 Oct 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

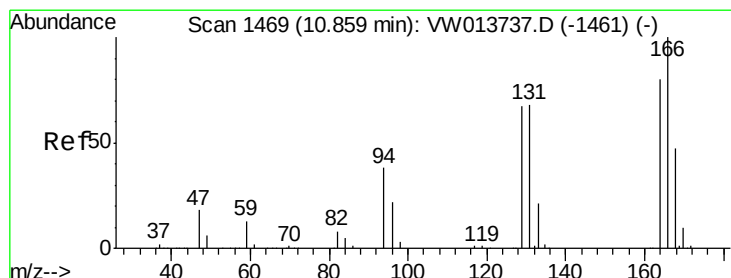
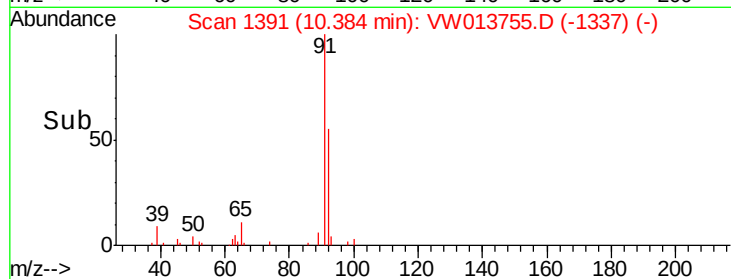
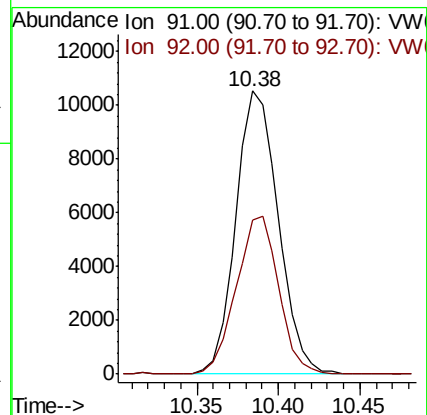
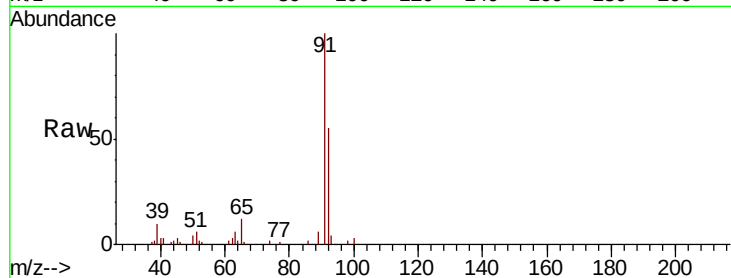
GAQ65

Tot Ion: 91 Resp: 19108

Ion Ratio Lower Upper

91 100

92 54.5 42.0 78.0



#47

Tetrachloroethene

Concen: 0.639 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW013755.D

Acq: 25 Oct 2019 18:17

Tgt Ion: 164 Resp: 3023

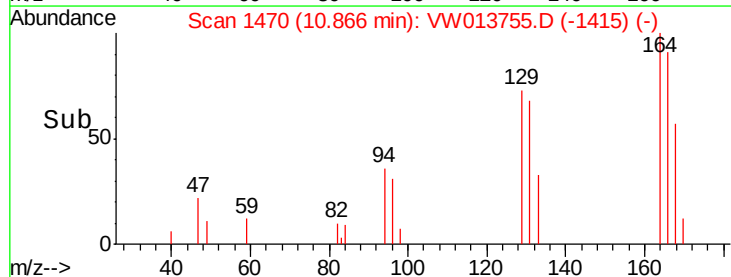
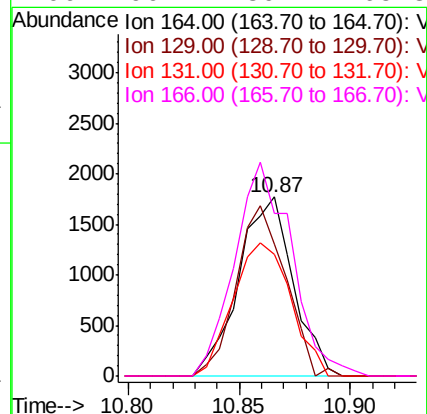
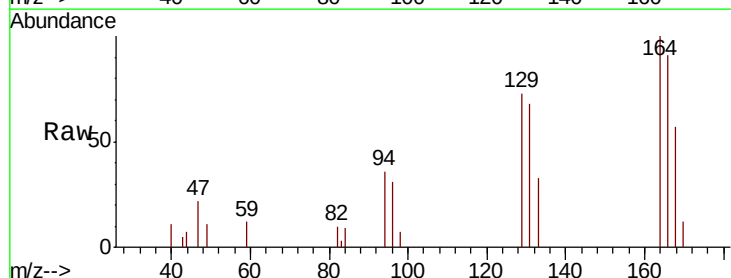
Ion Ratio Lower Upper

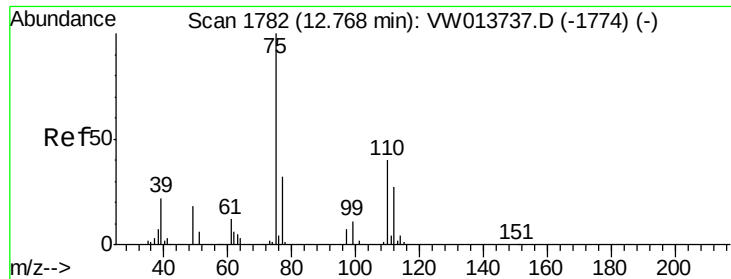
164 100

129 73.4 61.8 114.8

131 67.8 59.2 110.0

166 90.7 89.2 165.8





#59

1,2,3-Trichloropropane

Concen: 4.191 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013755.D

Acq: 25 Oct 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

GAQ65

Tot Ion: 75 Resp: 13922

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6

