

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007967.D
 Acq On : 27 Dec 2018 14:07
 Operator : SY/AP
 Sample : J6506-12
 Misc : 6.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF055

Quant Time: Dec 28 05:35:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 04:01:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	105775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	24581	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.89	69	17132	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
10) 1,1-Dichloroethene-d2	4.01	63	49634	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	7.08	46	20067	45.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.28%
24) Chloroform-d	7.65	84	65506	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	42003	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	126078	24.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.84%
33) 1,2-Dichloropropane-d6	9.27	67	35140	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.24%
37) Toluene-d8	10.32	98	120106	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.58	79	19523	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.04%
39) 2-Hexanone-d5	10.93	63	17372	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32323	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	38034	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

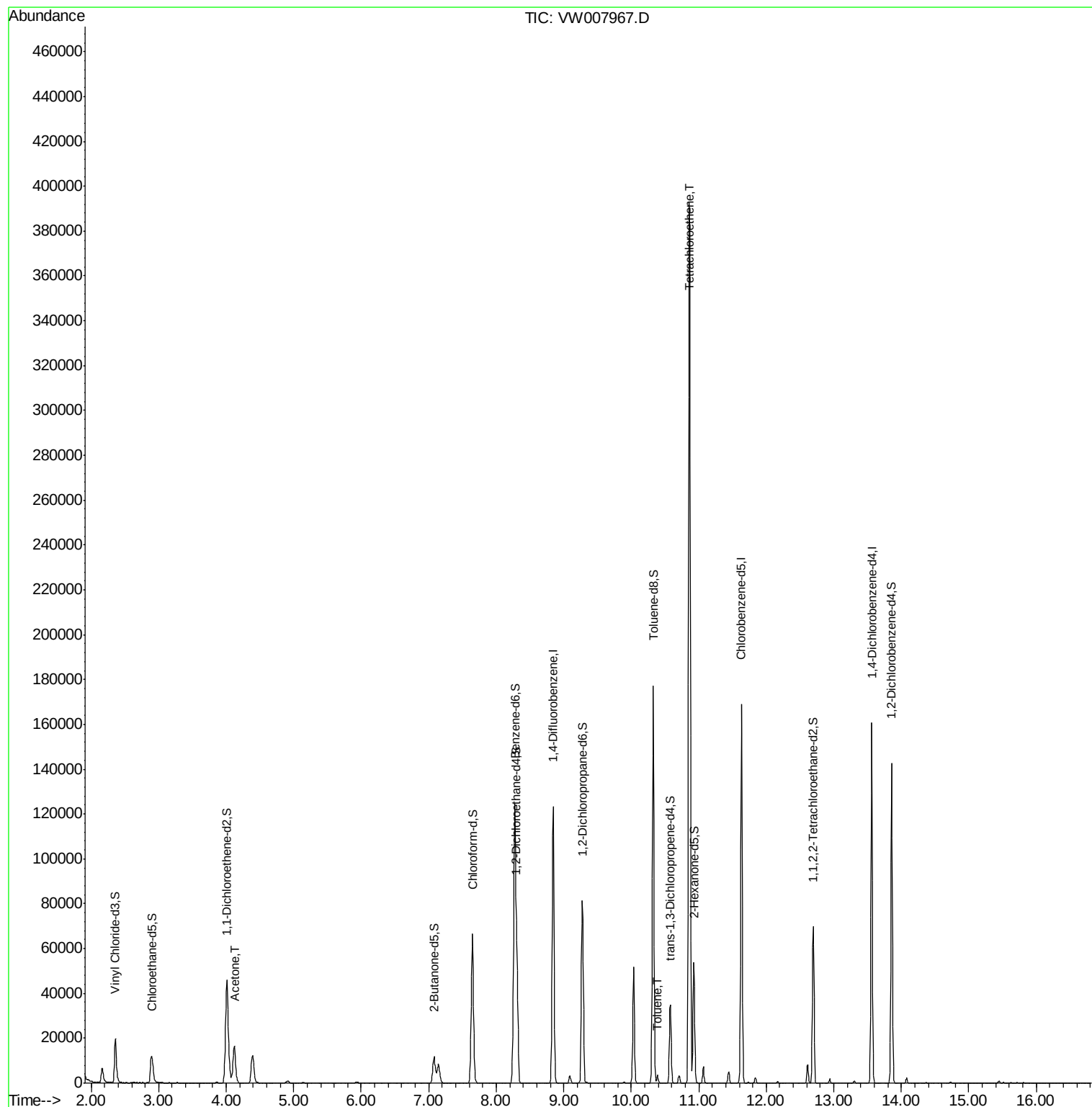
Target Compounds					Ovalue
13) Acetone	4.12	43	28775	66.249 ug/L	99
44) Toluene	10.39	91	2858	0.514 ug/L	89
47) Tetrachloroethene	10.86	164	86672	75.573 ug/L	98

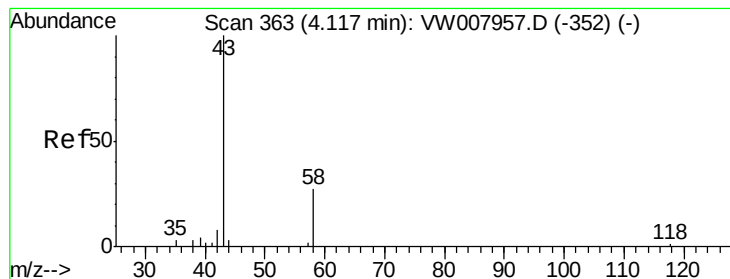
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 66.249 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

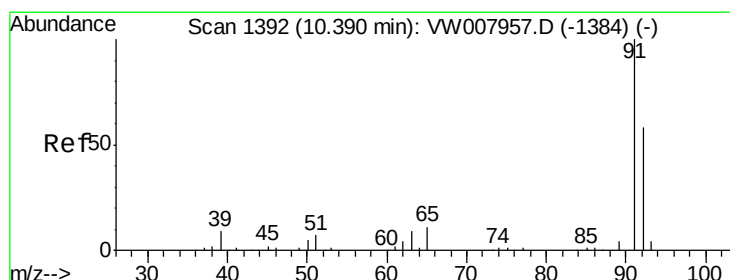
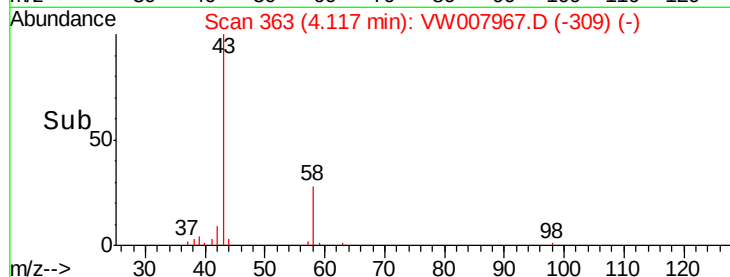
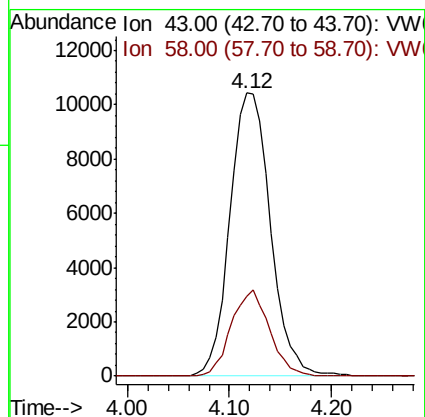
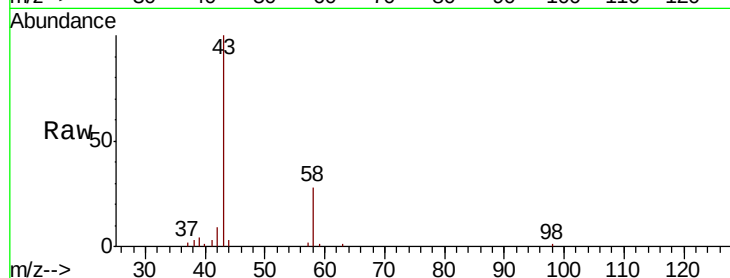
BF055

Tot Ion: 43 Resp: 28775

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.6



#44

Toluene

Concen: 0.514 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007967.D

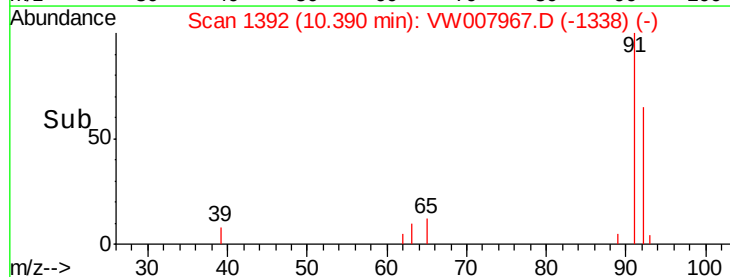
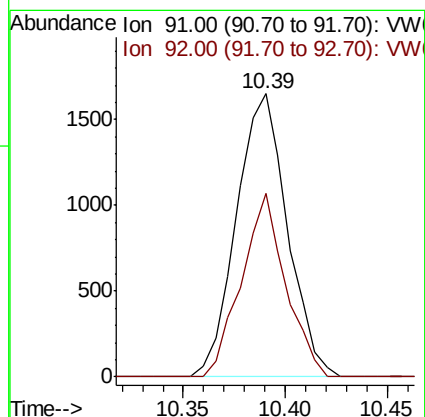
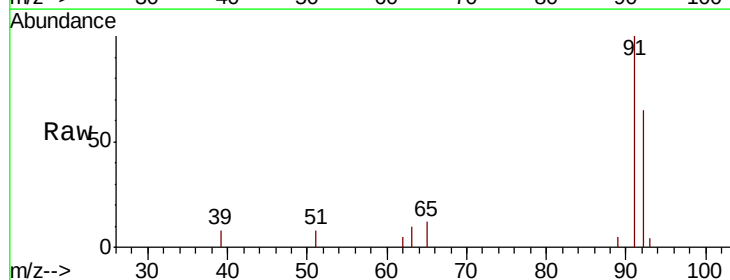
Acq: 27 Dec 2018 14:07

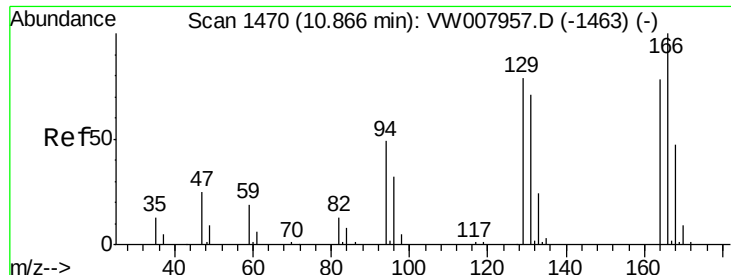
Tgt Ion: 91 Resp: 2858

Ion Ratio Lower Upper

91 100

92 64.8 39.6 73.6





#47

Tetrachloroethene

Concen: 75.573 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW007967.D

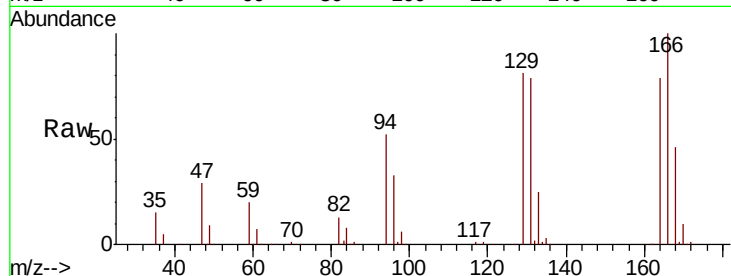
Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

BF055



Tot Ion:164 Resp: 86672

Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.2

131 99.6 66.5 123.5

166 126.5 87.7 162.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

