

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007946.D
 Acq On : 27 Dec 2018 03:18
 Operator : SY/AP
 Sample : J6506-10
 Misc : 6.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF050

Quant Time: Jan 03 06:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 03:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	73809	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	59849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18453	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.90	69	12116	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.01	63	36742	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.64%
20) 2-Butanone-d5	7.08	46	14608	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
24) Chloroform-d	7.65	84	48260	24.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	8.30	65	31546	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
29) Benzene-d6	8.27	84	90364	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	9.27	67	25511	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.76%
37) Toluene-d8	10.32	98	82181	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	13373	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.04%
39) 2-Hexanone-d5	10.93	63	12030	51.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23782	27.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	21456	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

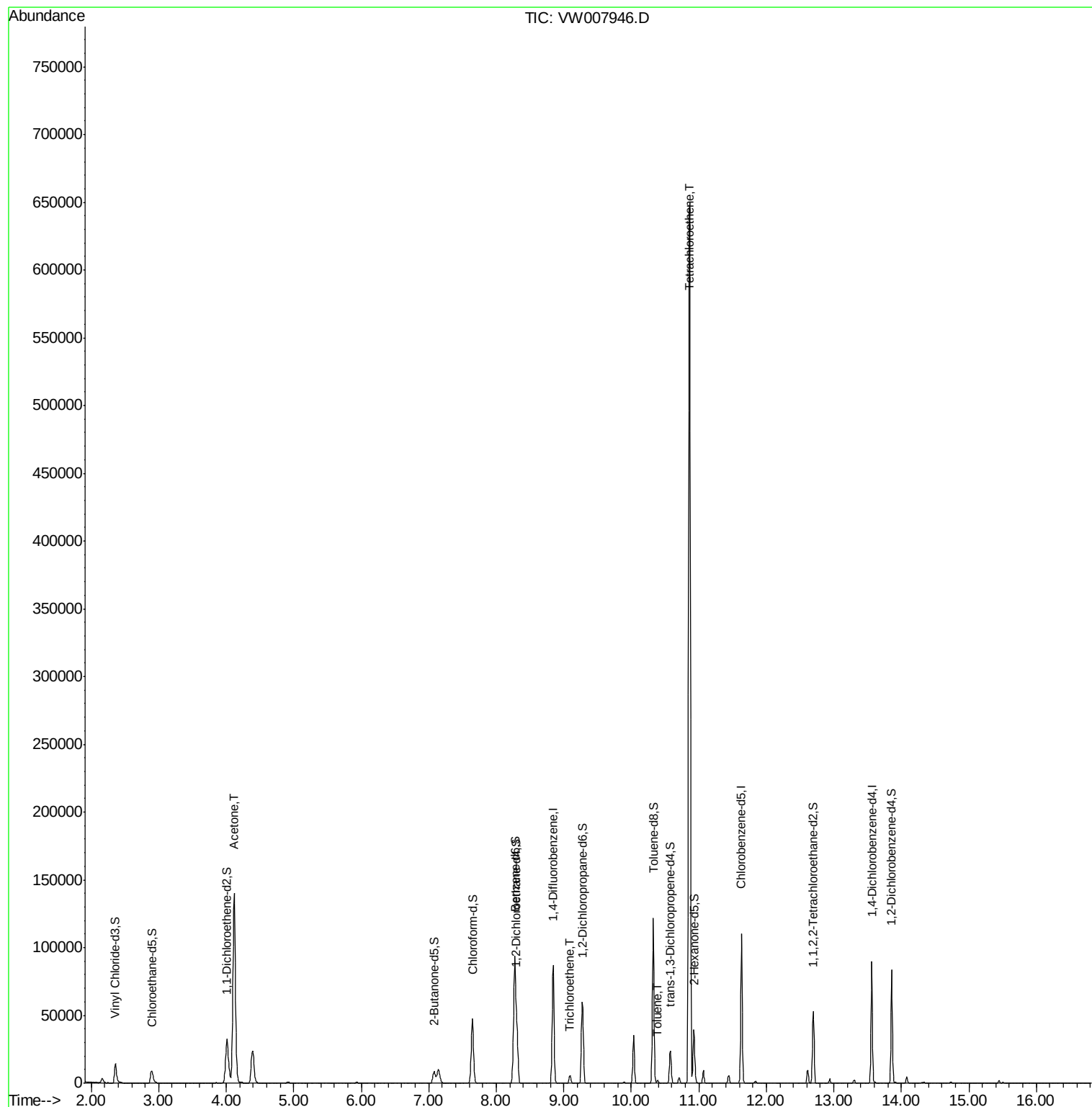
Target Compounds					Ovalue
13) Acetone	4.12	43	237719	784.339	ug/L 98
35) Trichloroethene	9.09	95	1913	2.056	ug/L 93
44) Toluene	10.39	91	1825	0.509	ug/L 97
47) Tetrachloroethene	10.87	164	144137	194.970	ug/L 98

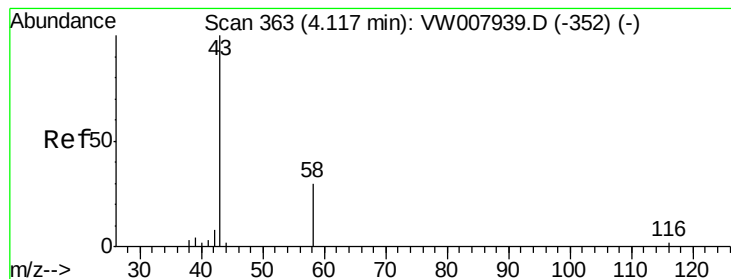
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 784.339 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

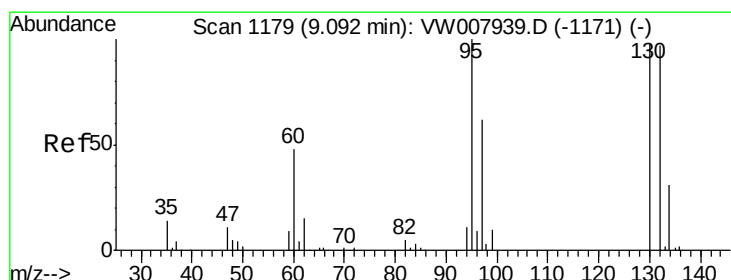
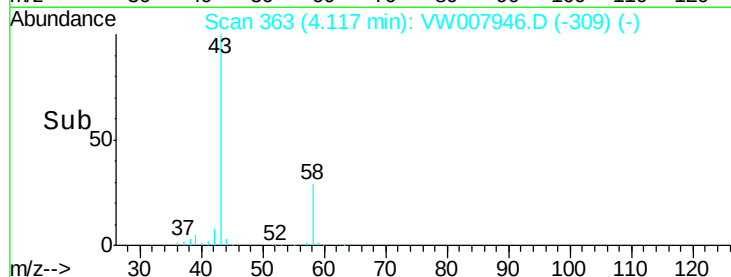
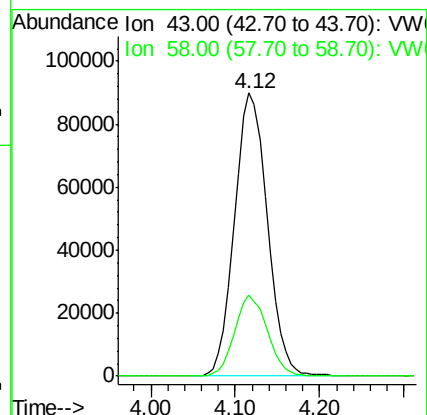
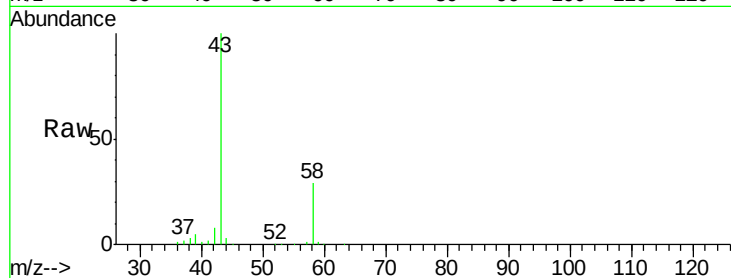
BF050

Tot Ion: 43 Resp: 237719

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.6



#35

Trichloroethene

Concen: 2.056 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Tgt Ion: 95 Resp: 1913

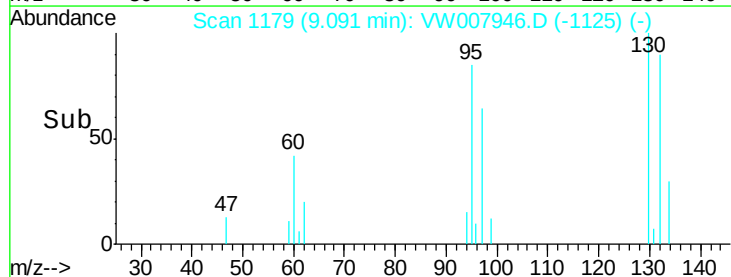
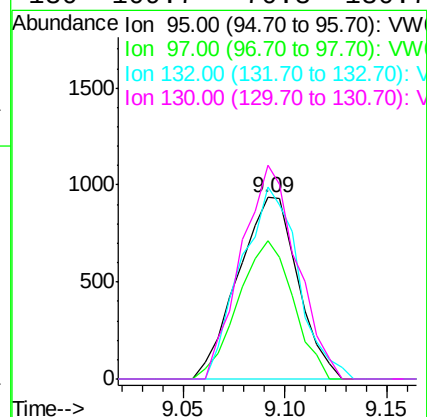
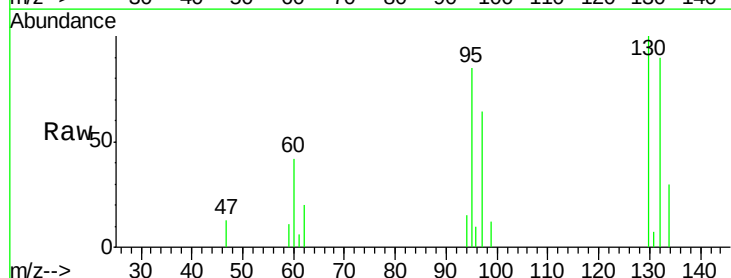
Ion Ratio Lower Upper

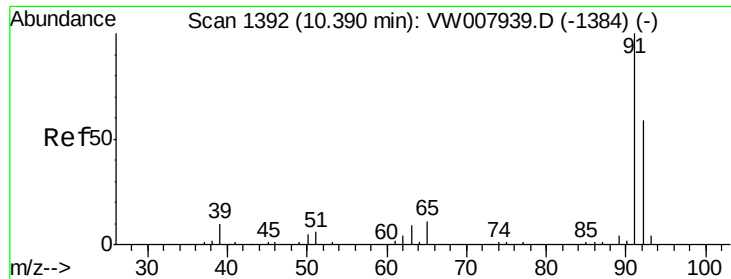
95 100

97 69.8 44.4 82.5

132 101.0 67.8 126.0

130 109.7 70.3 130.7





#44

Toluene

Concen: 0.509 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

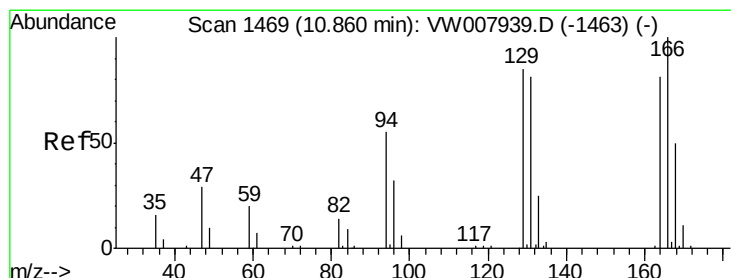
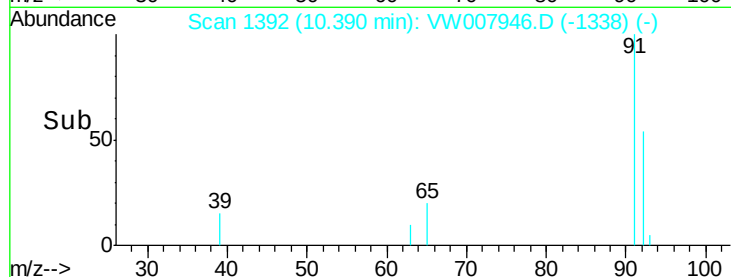
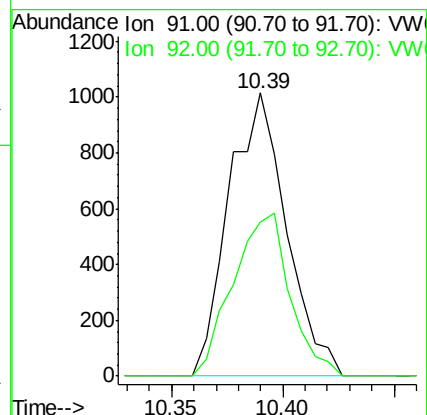
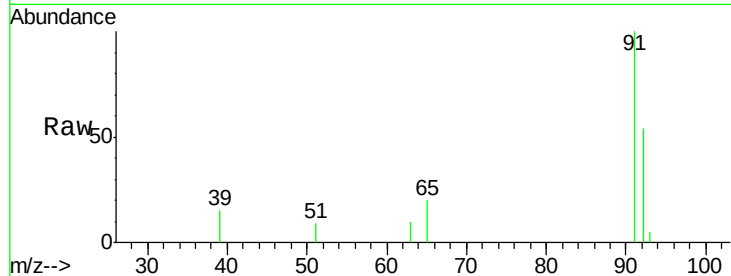
BF050

Tot Ion: 91 Resp: 1825

Ion Ratio Lower Upper

91 100

92 54.4 39.6 73.6



#47

Tetrachloroethene

Concen: 194.970 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Tgt Ion:164 Resp: 144137

Ion Ratio Lower Upper

164 100

129 100.1 70.6 131.2

131 97.2 66.5 123.5

166 127.4 87.7 162.9

