

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111919\
 Data File : VW014078.D
 Acq On : 19 Nov 2019 11:42
 Operator : SY/VA
 Sample : K5845-02
 Misc : 3.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLW6

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:27:39 PM

Quant Time: Nov 20 06:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 20 05:59:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	122770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108807	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	2.89	69	102545	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.01	63	179743	16.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.04%
20) 2-Butanone-d5	7.07	46	95381	62.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.64%
24) Chloroform-d	7.65	84	271319	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	149509	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.08%
29) Benzene-d6	8.27	84	566107	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.27	67	174850	29.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.80%
37) Toluene-d8	10.32	98	485193	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.57	79	64748	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.72%
39) 2-Hexanone-d5	10.92	63	75745	67.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138834	31.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133024	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds					Ovalue
13) Acetone	4.12	43	4122m	2.668	ug/L
35) Trichloroethene	9.09	95	47269	8.528	ug/L
44) Toluene	10.39	91	10589	0.467	ug/L
47) Tetrachloroethene	10.86	164	124424	25.184	ug/L

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

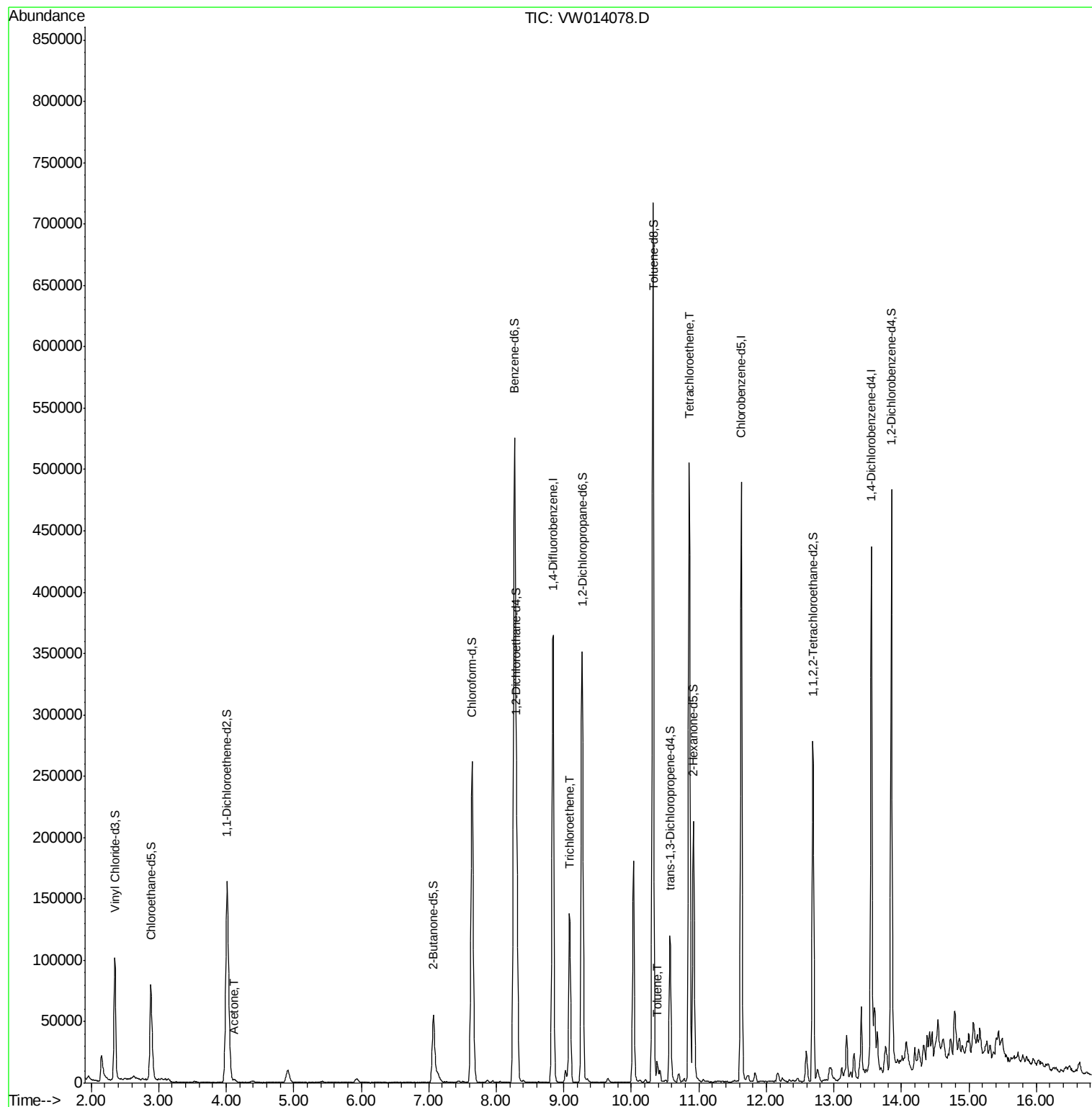
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111919\
Data File : VW014078.D
Acq On : 19 Nov 2019 11:42
Operator : SY/VA
Sample : K5845-02
Misc : 3.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

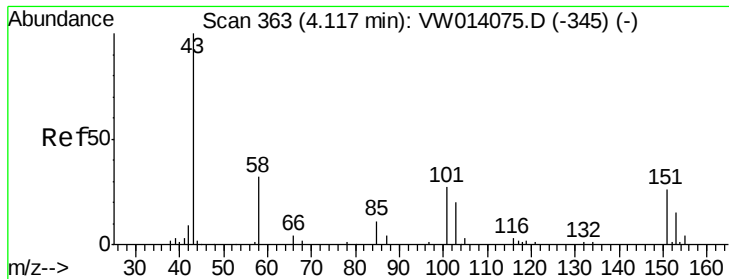
Instrument :
MSVOA_W
ClientSampleId :
BFLW6

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Quant Time: Nov 20 06:20:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 20 05:59:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.668 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

BFLW6

Tot Ion: 43 Resp: 4122

Ion Ratio Lower Upper

43 100

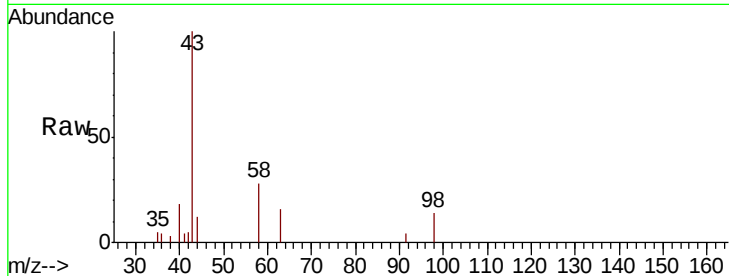
58 15.3 0.0 65.4

Manual Integrations

APPROVED

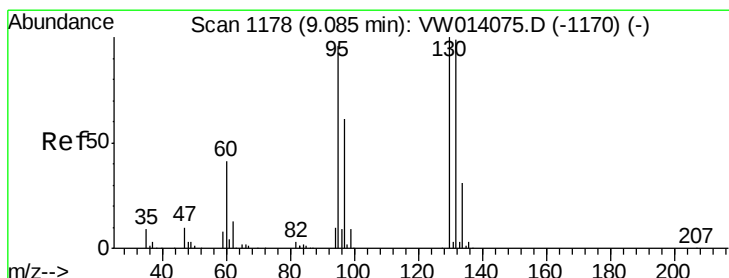
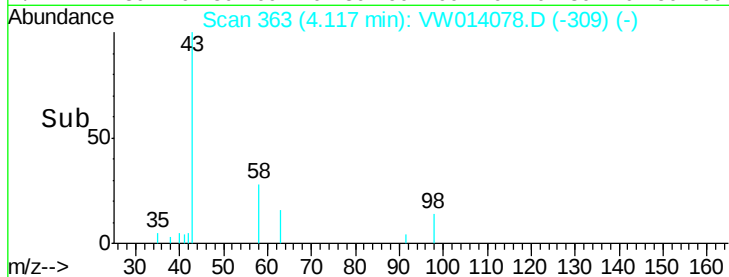
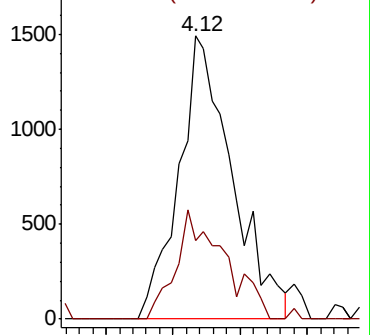
MMDadoda

11/20/2019 1:27:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 8.528 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

Tgt Ion: 95 Resp: 47269

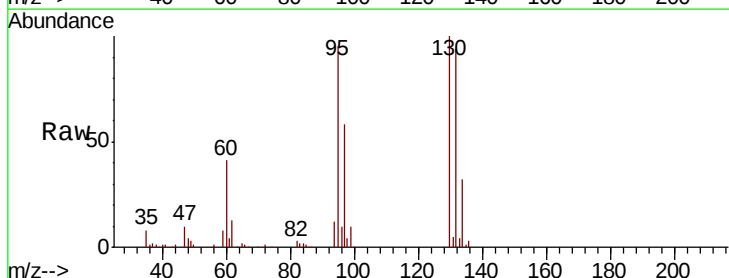
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.9

132 105.7 73.7 136.9

130 108.7 76.6 142.2

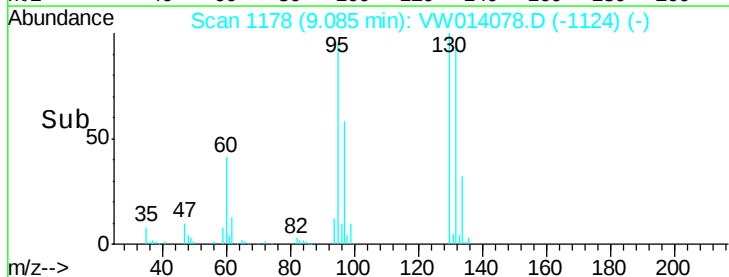
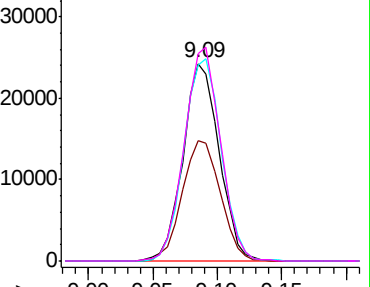


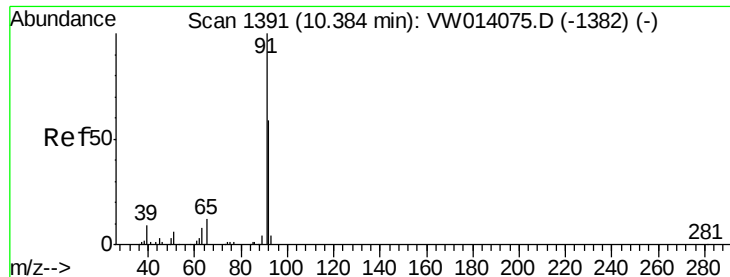
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 0.467 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

Instrument :

MSVOA_W

ClientSampled :

BFLW6

Tot Ion: 91 Resp: 10589

Ion Ratio Lower Upper

91 100

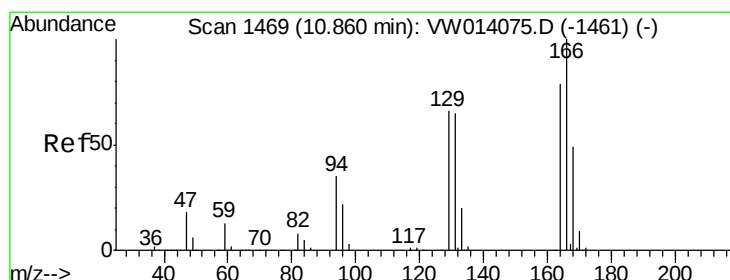
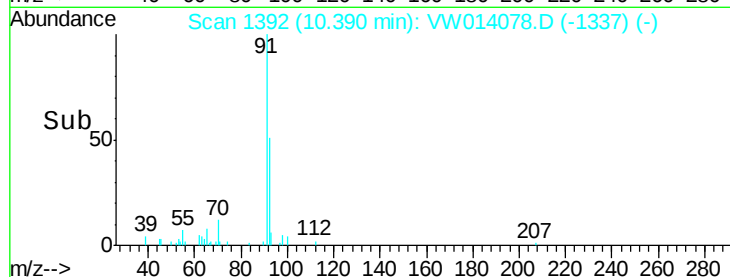
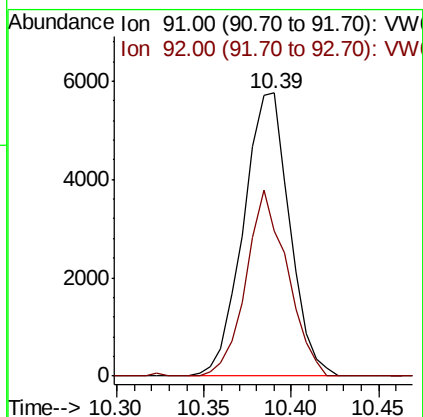
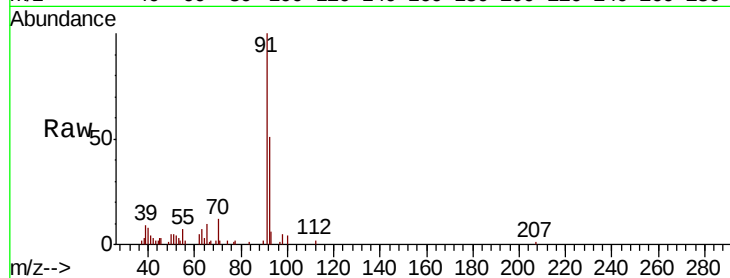
92 51.3 40.7 75.7

Manual Integrations

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#47

Tetrachloroethene

Concen: 25.184 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014078.D

Acq: 19 Nov 2019 11:42

Tgt Ion: 164 Resp: 124424

Ion Ratio Lower Upper

164 100

129 83.8 60.6 112.6

131 84.1 59.1 109.7

166 128.9 90.8 168.6

