

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015049.D
 Acq On : 26 Feb 2020 18:02
 Operator : SY/VA
 Sample : L1686-09
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW06

Manual Integrations
 APPROVED

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 2/27/2020 3:37:33 PM

Quant Time: Feb 27 03:57:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 02:01:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	741722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	712270	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	264828	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	389934	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	2.89	69	281362	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
10) 1,1-Dichloroethene-d2	4.02	63	480787	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.07	46	166777	53.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.56%
24) Chloroform-d	7.65	84	587662m	24.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	8.31	65	357320	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.27	84	1137330	23.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.96%
33) 1,2-Dichloropropane-d6	9.27	67	415495	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.32	98	986281	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	10.57	79	146600	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
39) 2-Hexanone-d5	10.92	63	135868	62.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272437	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	260030	26.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.20%

Target Compounds					Ovalue
13) Acetone	4.12	43	24029	6.551 ug/L	81
35) Trichloroethene	9.09	95	552897	43.139 ug/L	99
44) Toluene	10.38	91	68951	1.340 ug/L	95
47) Tetrachloroethene	10.86	164	6621778	801.633 ug/L	96
52) Chlorobenzene	11.66	112	11163	0.369 ug/L	97

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

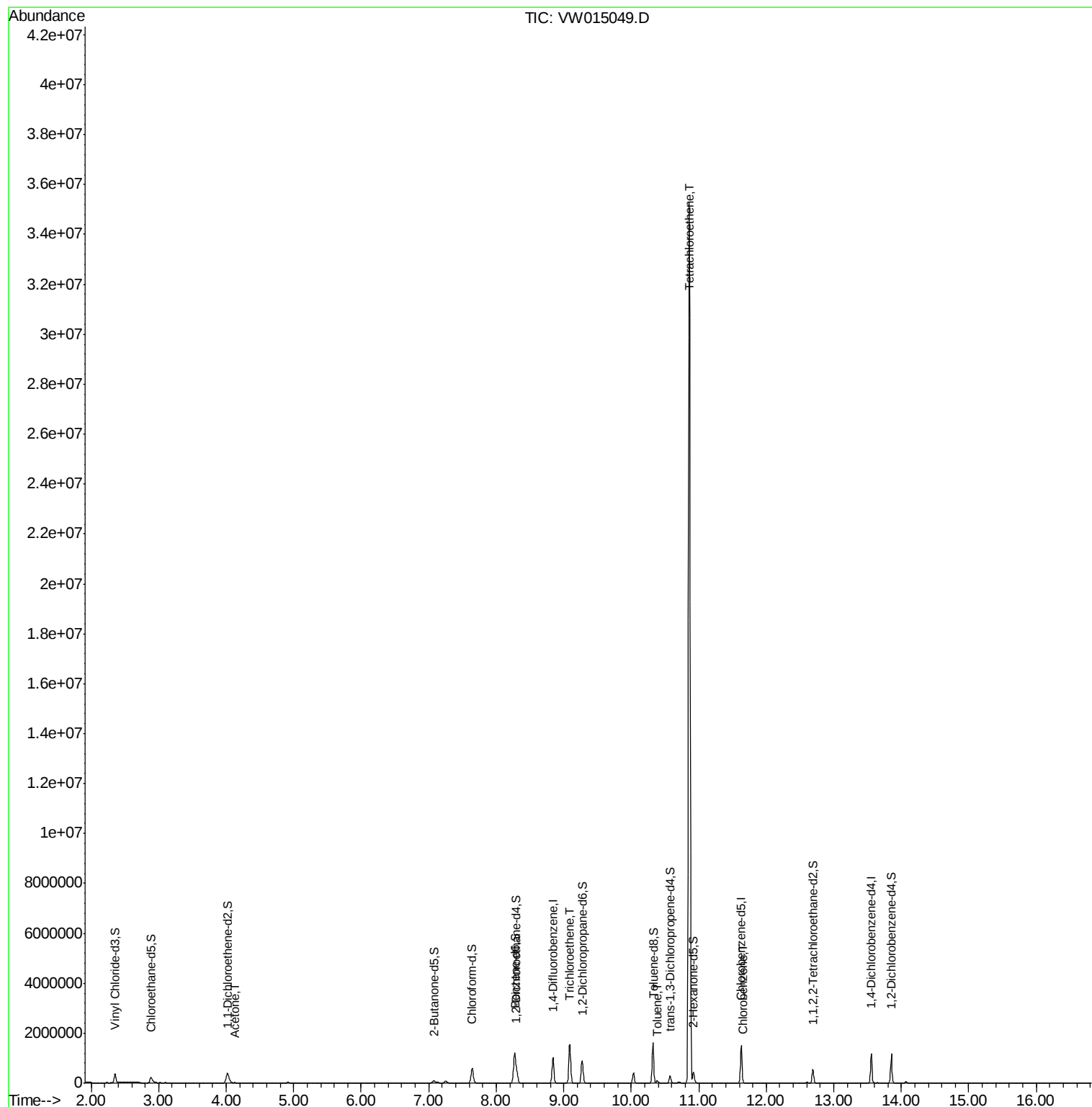
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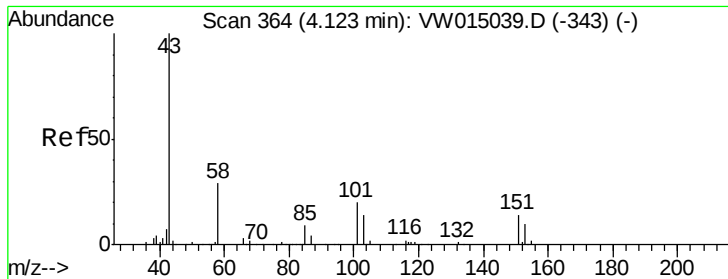
Instrument :
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Quant Time: Feb 27 03:57:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.551 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampled :

GAW06

Tot Ion: 43 Resp: 24029

Ion Ratio Lower Upper

43 100

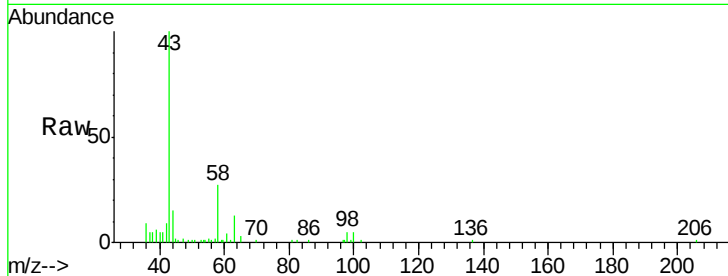
58 17.1 0.0 54.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

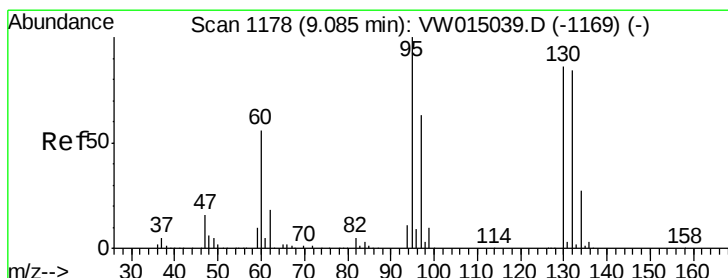
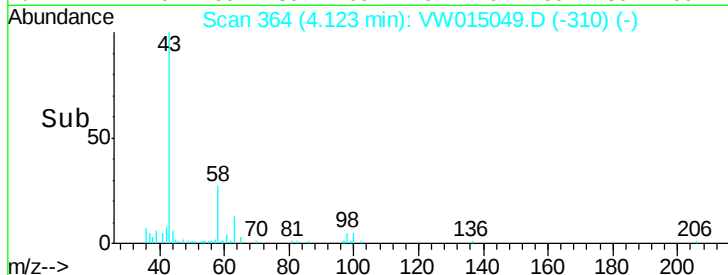
6000

4000

2000

0

Time-->



#35

Trichloroethene

Concen: 43.139 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Tgt Ion: 95 Resp: 552897

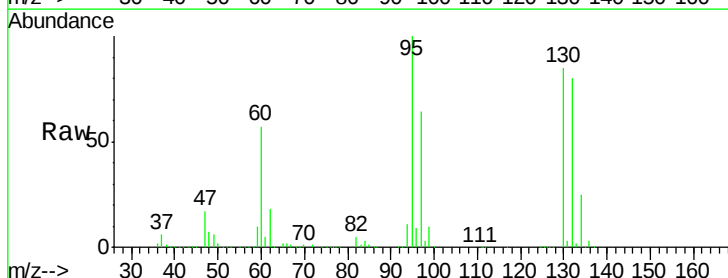
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 83.2 58.1 107.9

130 87.6 62.0 115.2



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

400000

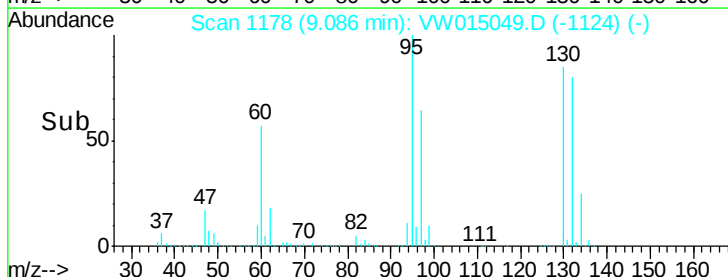
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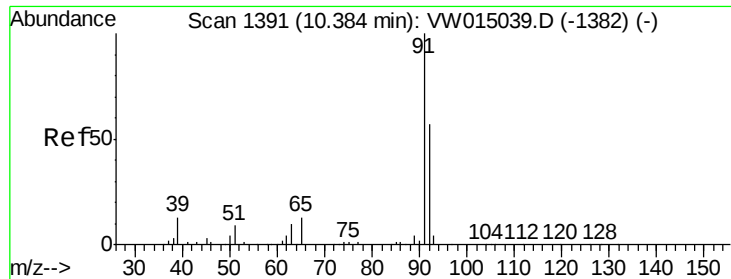
200000

100000

0

Time-->





#44

Toluene

Concen: 1.340 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

GAW06

Tot Ion: 91 Resp: 68951

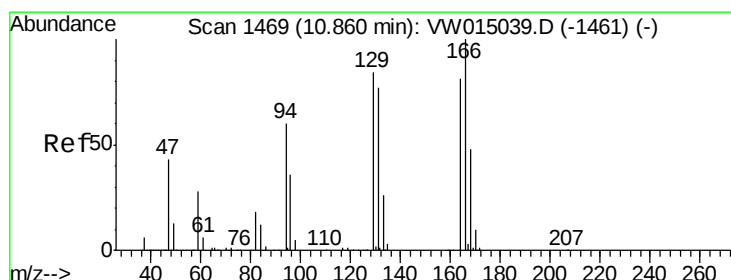
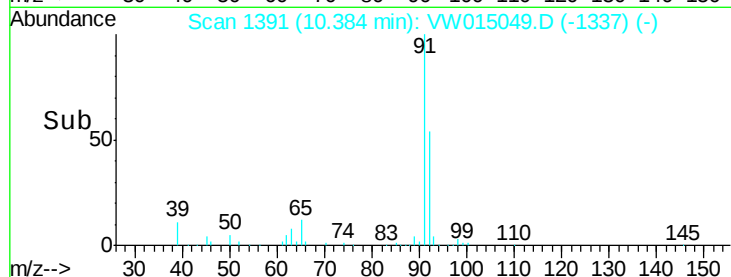
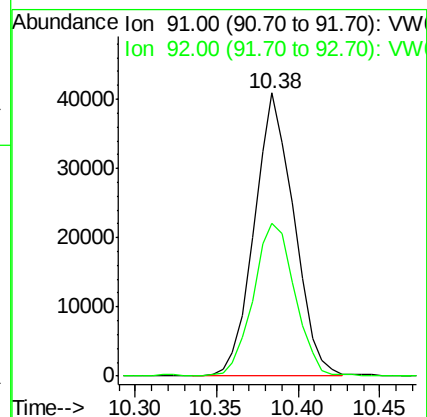
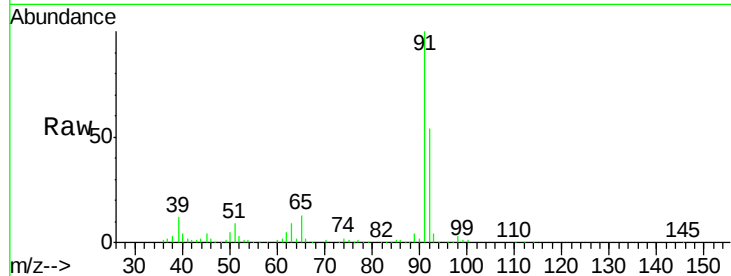
Ion Ratio Lower Upper

91 100

92 53.8 40.5 75.1

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#47

Tetrachloroethene

Concen: 801.633 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Tgt Ion: 164 Resp: 6621778

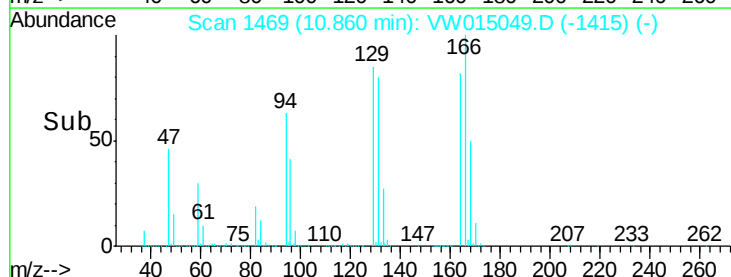
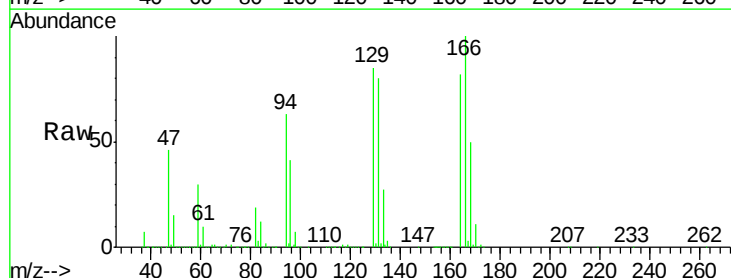
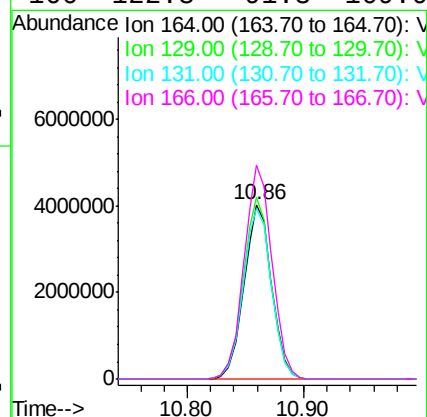
Ion Ratio Lower Upper

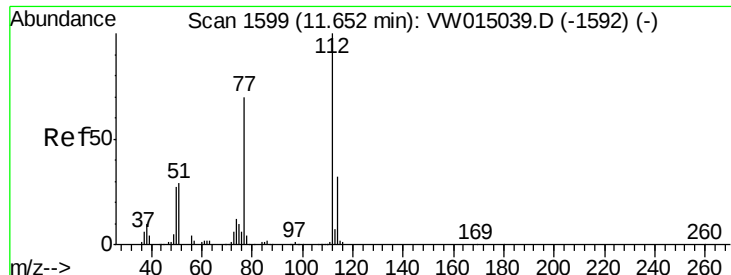
164 100

129 103.9 71.7 133.1

131 97.9 70.1 130.3

166 122.3 91.3 169.6





#52
 Chlorobenzene
 Concen: 0.369 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VW015049.D
 Acq: 26 Feb 2020 18:02

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW06

Tot Ion:	112	Resp:	11163
Ion Ratio	Lower	Upper	
112	100		
77	74.4	57.0	85.6
114	32.9	22.5	41.9

Manual Integrations
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