

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015047.D
 Acq On : 26 Feb 2020 16:35
 Operator : SY/VA
 Sample : L1686-03
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW02

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 3:37:29 PM

Quant Time: Feb 27 03:48:08 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	673093	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	252244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	346444	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	2.89	69	248782	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	4.02	63	421217	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	145858	51.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.66%
24) Chloroform-d	7.65	84	491750	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.30	65	299177m	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.27	84	964838	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.27	67	344636	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	807634	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	124124	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.92	63	117827	59.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	236539	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	229796	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds					Ovalue
13) Acetone	4.12	43	31851	9.569 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	3717	0.351 ug/L	87
35) Trichloroethene	9.09	95	217673	18.638 ug/L	99
47) Tetrachloroethene	10.86	164	1469709	195.256 ug/L	98

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

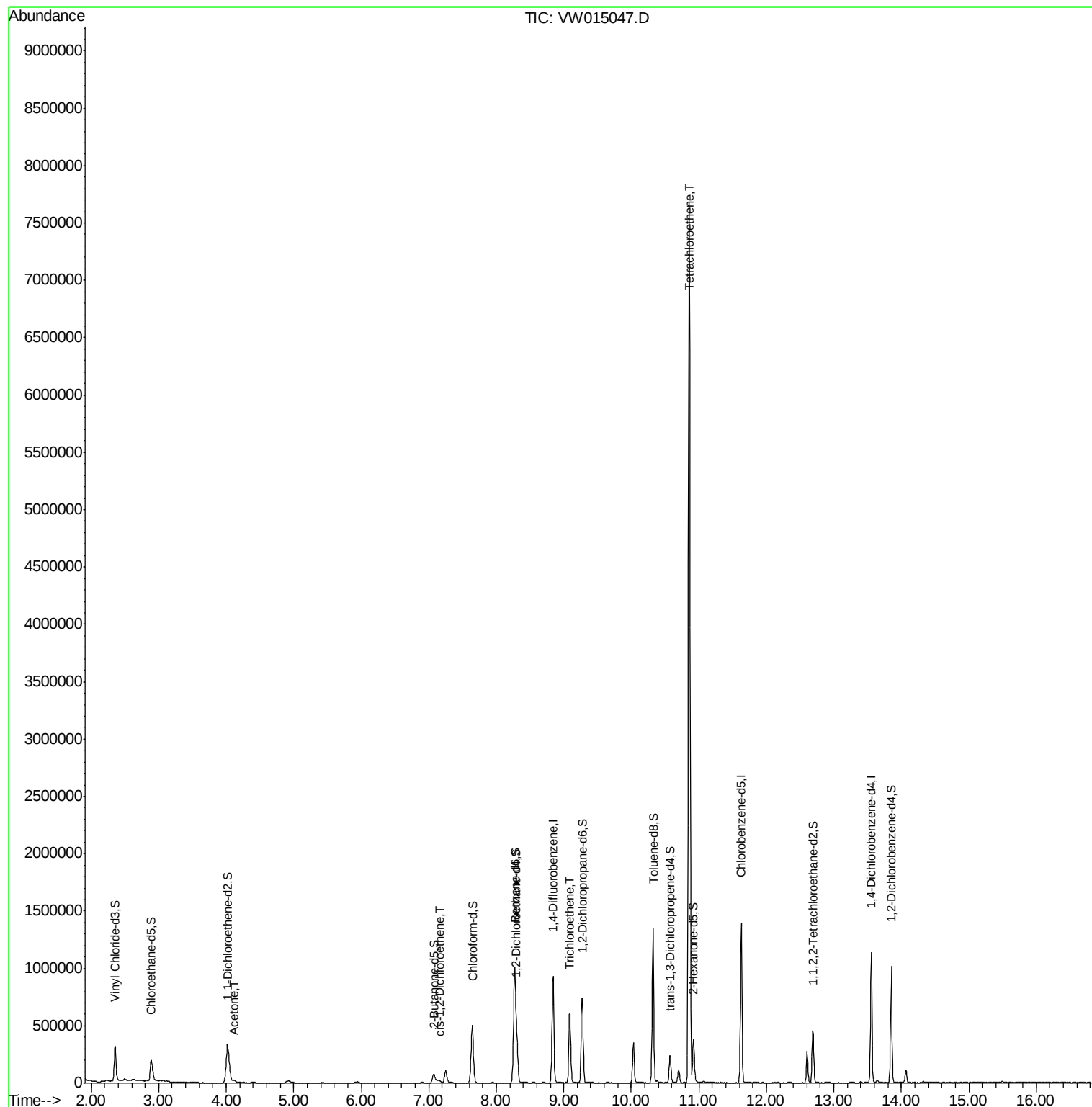
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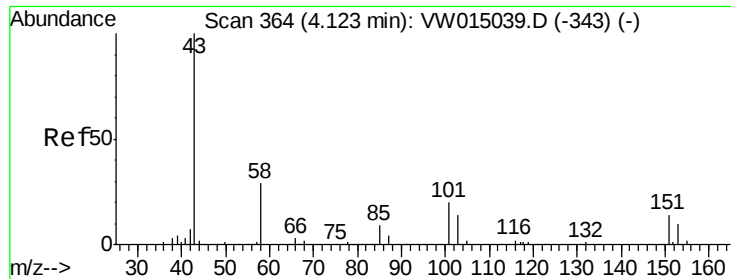
Instrument :
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Quant Time: Feb 27 03:48:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.569 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015047.D

Acq: 26 Feb 2020 16:35

Instrument :

MSVOA_W

ClientSampled :

GAW02

Tot Ion: 43 Resp: 31851

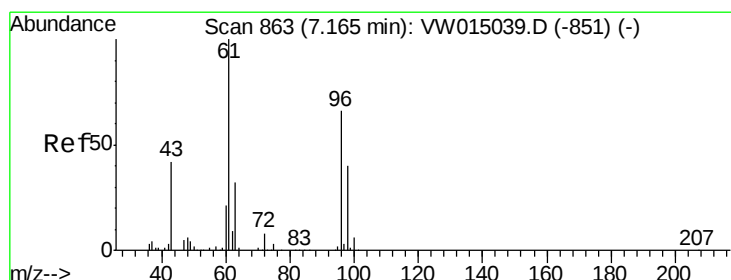
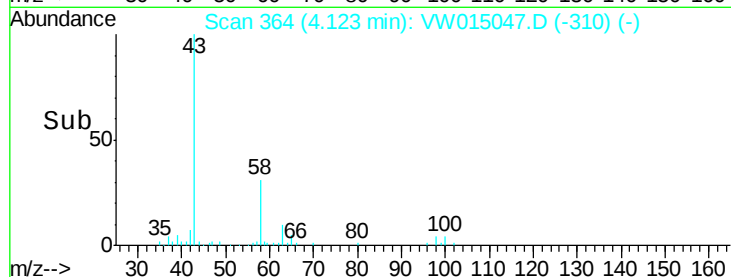
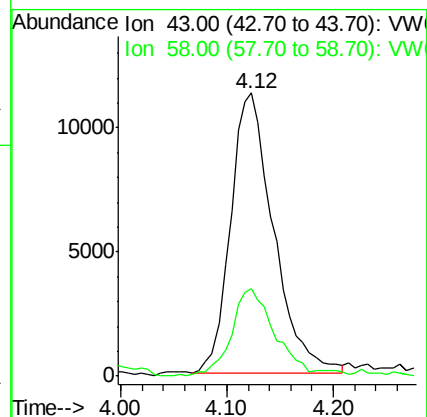
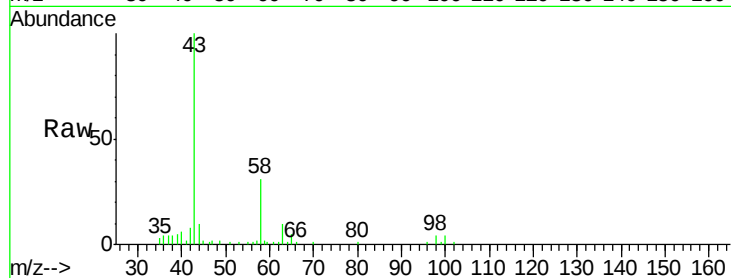
Ion Ratio Lower Upper

43 100

58 31.1 0.0 54.0

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 0.351 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015047.D

Acq: 26 Feb 2020 16:35

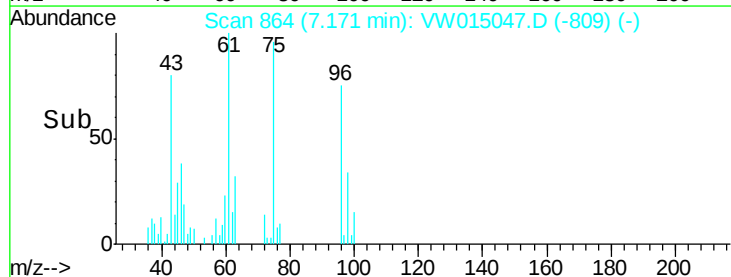
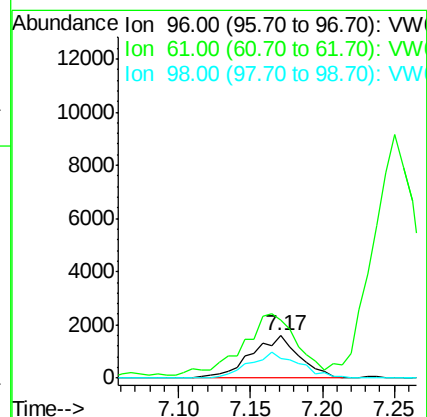
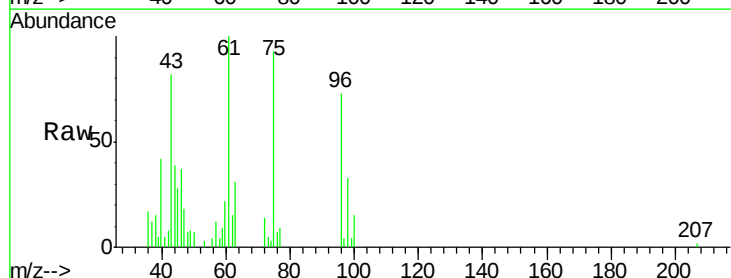
Tgt Ion: 96 Resp: 3717

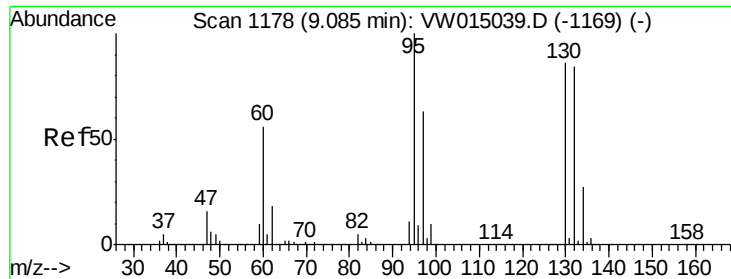
Ion Ratio Lower Upper

96 100

61 137.0 105.2 195.4

98 45.7 42.6 79.2





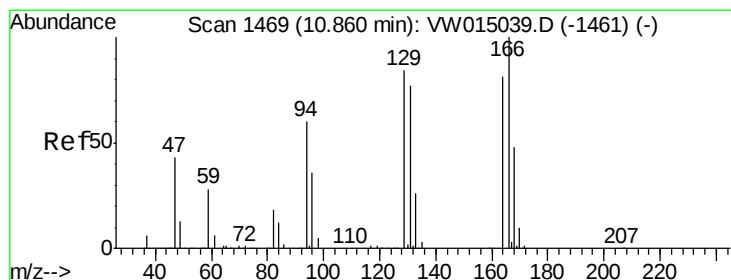
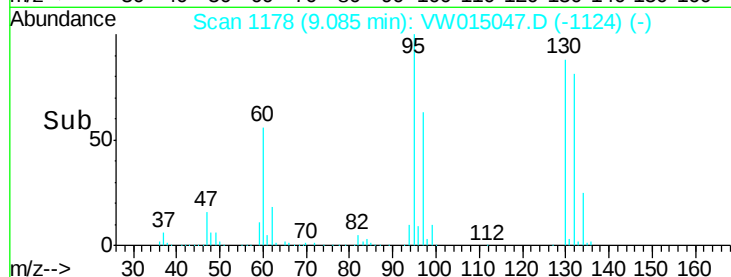
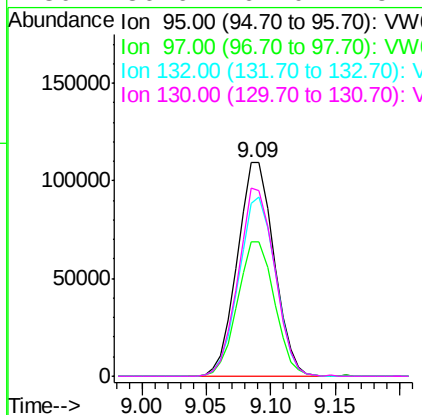
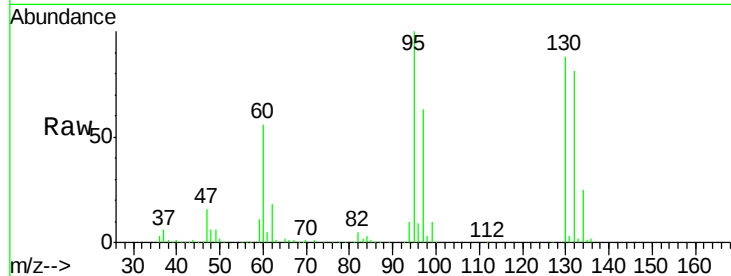
#35
 Trichloroethene
 Concen: 18.638 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW015047.D
 Acq: 26 Feb 2020 16:35

Instrument :
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Tot Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.7	83.1
132	83.2	58.1	107.9
130	86.6	62.0	115.2

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#47
 Tetrachloroethene
 Concen: 195.256 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW015047.D
 Acq: 26 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
129	104.6	71.7	133.1
131	100.7	70.1	130.3
166	126.1	91.3	169.6

