

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009210.D
 Acq On : 16 Mar 2019 15:16
 Operator : SY/VA
 Sample : K1939-22
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y5

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:03:30 AM

Quant Time: Mar 18 03:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 02:40:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	467010	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142274	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
7) Chloroethane-d5	2.89	69	128468	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.01	63	208589	17.29	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.16%
20) 2-Butanone-d5	7.08	46	86468	37.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.94%
24) Chloroform-d	7.64	84	277897	21.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	8.31	65	164401m	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.64%
29) Benzene-d6	8.27	84	543925	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	158312	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	10.32	98	488152	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.80%
38) trans-1,3-Dichloropropene-	10.57	79	73681	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	66859	37.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141122	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	182008	22.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	4306	2.275 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	302446	46.176 ug/L	98
35) Trichloroethene	9.09	95	22492	3.496 ug/L	96
47) Tetrachloroethene	10.86	164	139655	25.690 ug/L	96

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

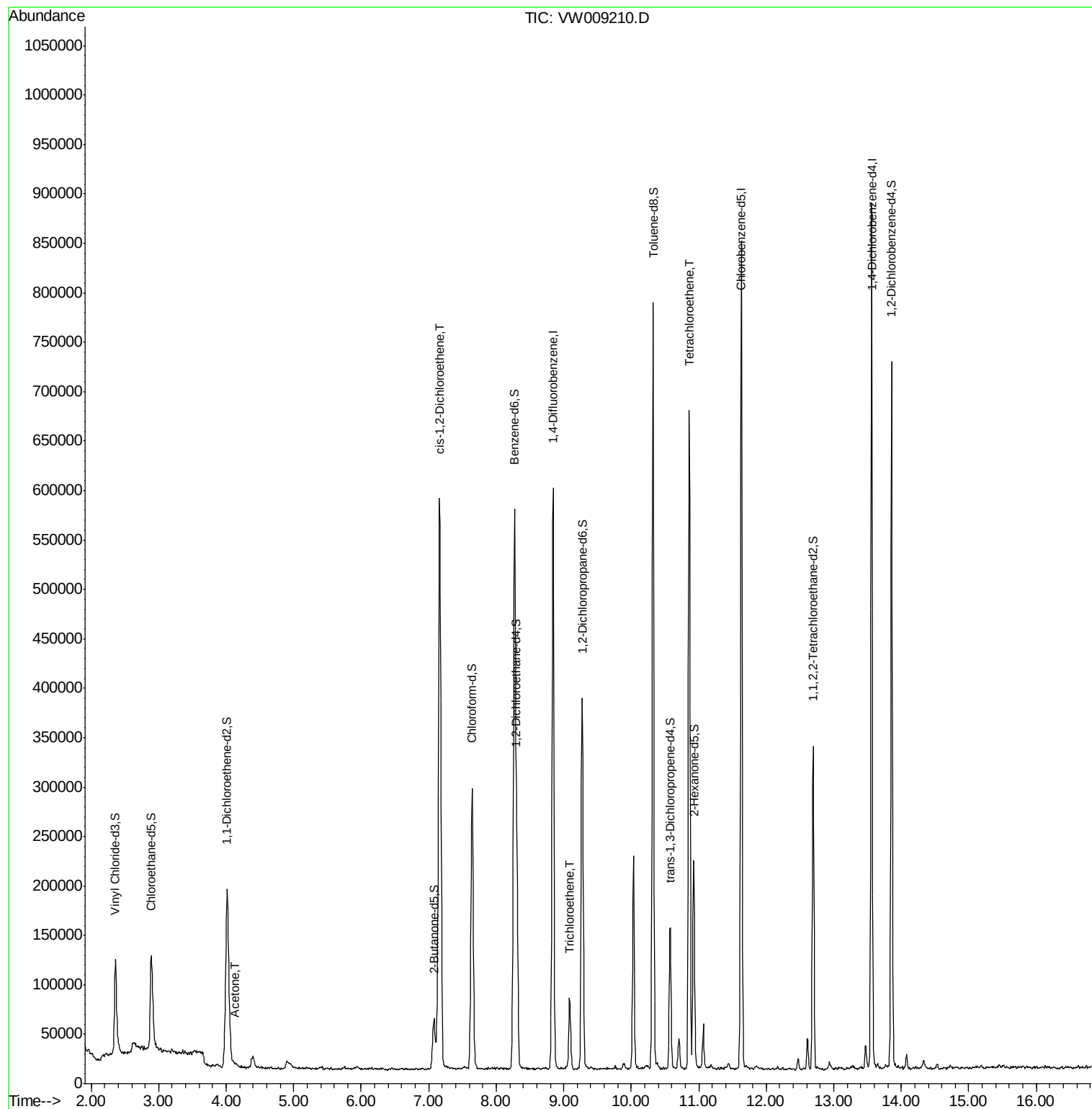
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031619\
Data File : VW009210.D
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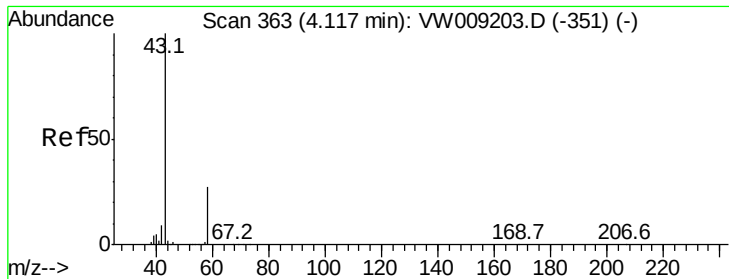
Instrument :
MSVOA_W
ClientSampleId :
BF0Y5

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Quant Time: Mar 18 03:04:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 02:40:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.275 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009210.D

Acq: 16 Mar 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

BF0Y5

Tot Ion: 43 Resp: 4306

Ion Ratio Lower Upper

43 100

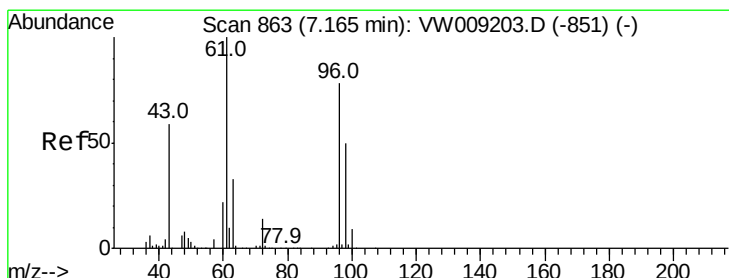
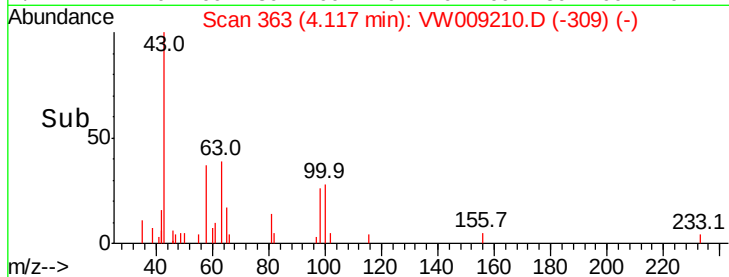
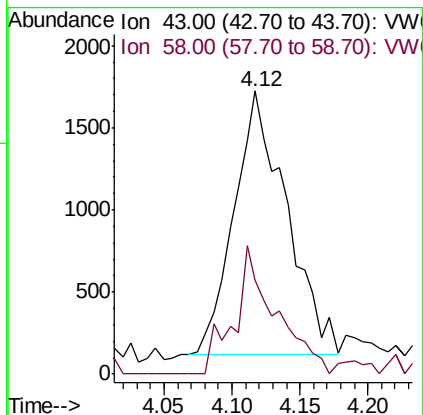
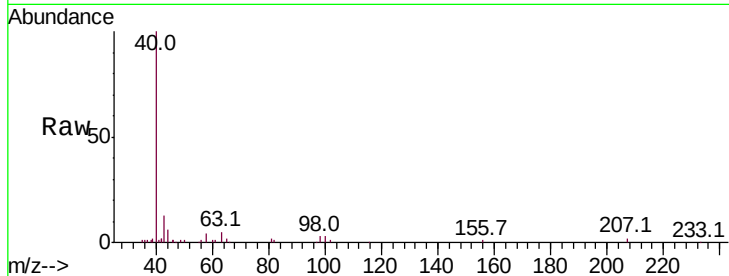
58 29.4 0.0 56.2

Manual Integrations

APPROVED

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3/19/2019 10:03:30 AM



#22

cis-1,2-Dichloroethene

Concen: 46.176 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009210.D

Acq: 16 Mar 2019 15:16

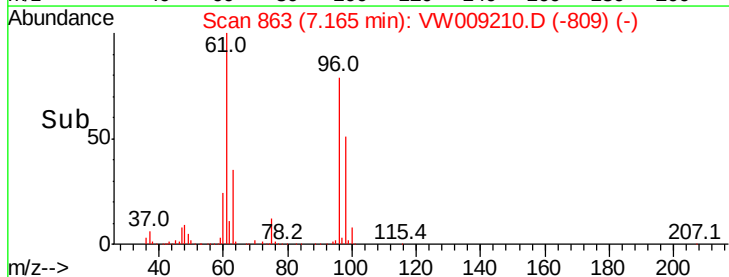
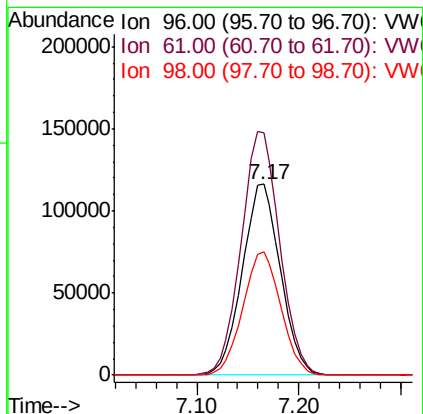
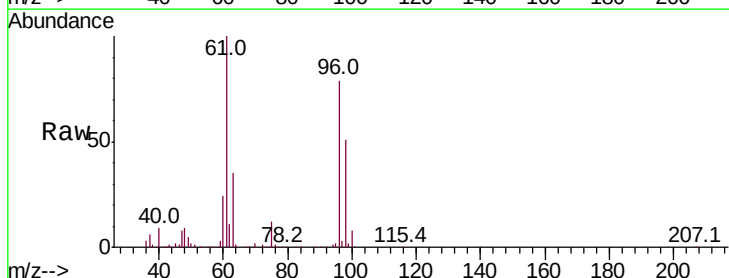
Tgt Ion: 96 Resp: 302446

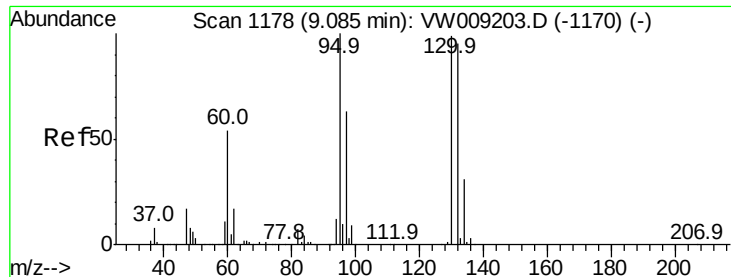
Ion Ratio Lower Upper

96 100

61 127.1 90.6 168.3

98 64.5 44.0 81.8





#35

Trichloroethene

Concen: 3.496 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009210.D

Acq: 16 Mar 2019 15:16

Instrument :

MSVOA_W

ClientSampled :

BF0Y5

Tot Ion: 95 Resp: 22492

Ion Ratio Lower Upper

95 100

97 62.3 44.7 82.9

132 100.2 69.0 128.2

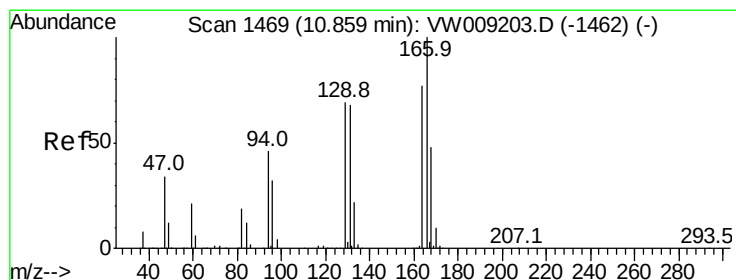
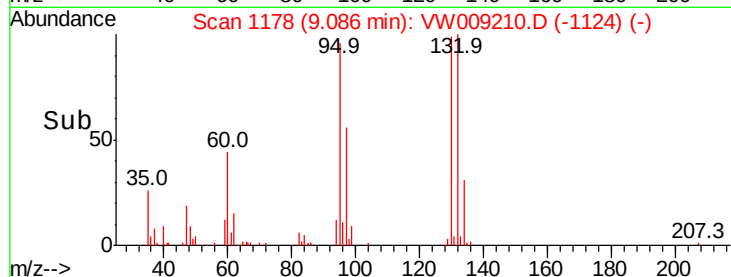
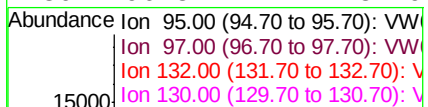
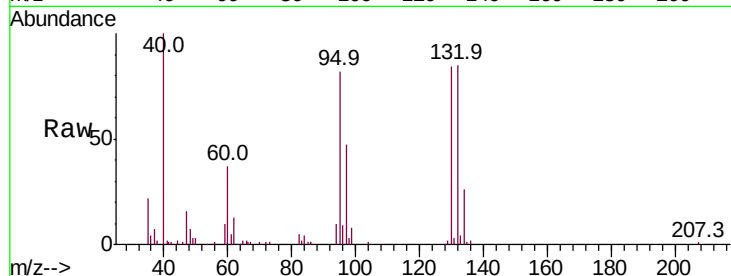
130 96.3 72.7 134.9

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#47

Tetrachloroethene

Concen: 25.690 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009210.D

Acq: 16 Mar 2019 15:16

Tgt Ion:164 Resp: 139655

Ion Ratio Lower Upper

164 100

129 91.3 66.5 123.5

131 84.6 62.6 116.3

166 127.2 91.6 170.0

