

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009209.D
 Acq On : 16 Mar 2019 14:49
 Operator : SY/VA
 Sample : K1939-21
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y4

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:03:25 AM

Quant Time: Mar 18 03:01:22 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	430661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195049	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145453	28.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.04%
7) Chloroethane-d5	2.89	69	131902	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	217872	19.59	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.36%
20) 2-Butanone-d5	7.08	46	99536	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	7.65	84	281510	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.31	65	168227m	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.27	84	546957	24.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.00%
33) 1,2-Dichloropropane-d6	9.27	67	163524	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.32	98	493975	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
38) trans-1,3-Dichloropropene-	10.58	79	76839	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	77375	47.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152261	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	186317	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	331323	54.854 ug/L	97
35) Trichloroethene	9.09	95	52770	8.845 ug/L	98
47) Tetrachloroethene	10.86	164	116806	23.172 ug/L	98

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

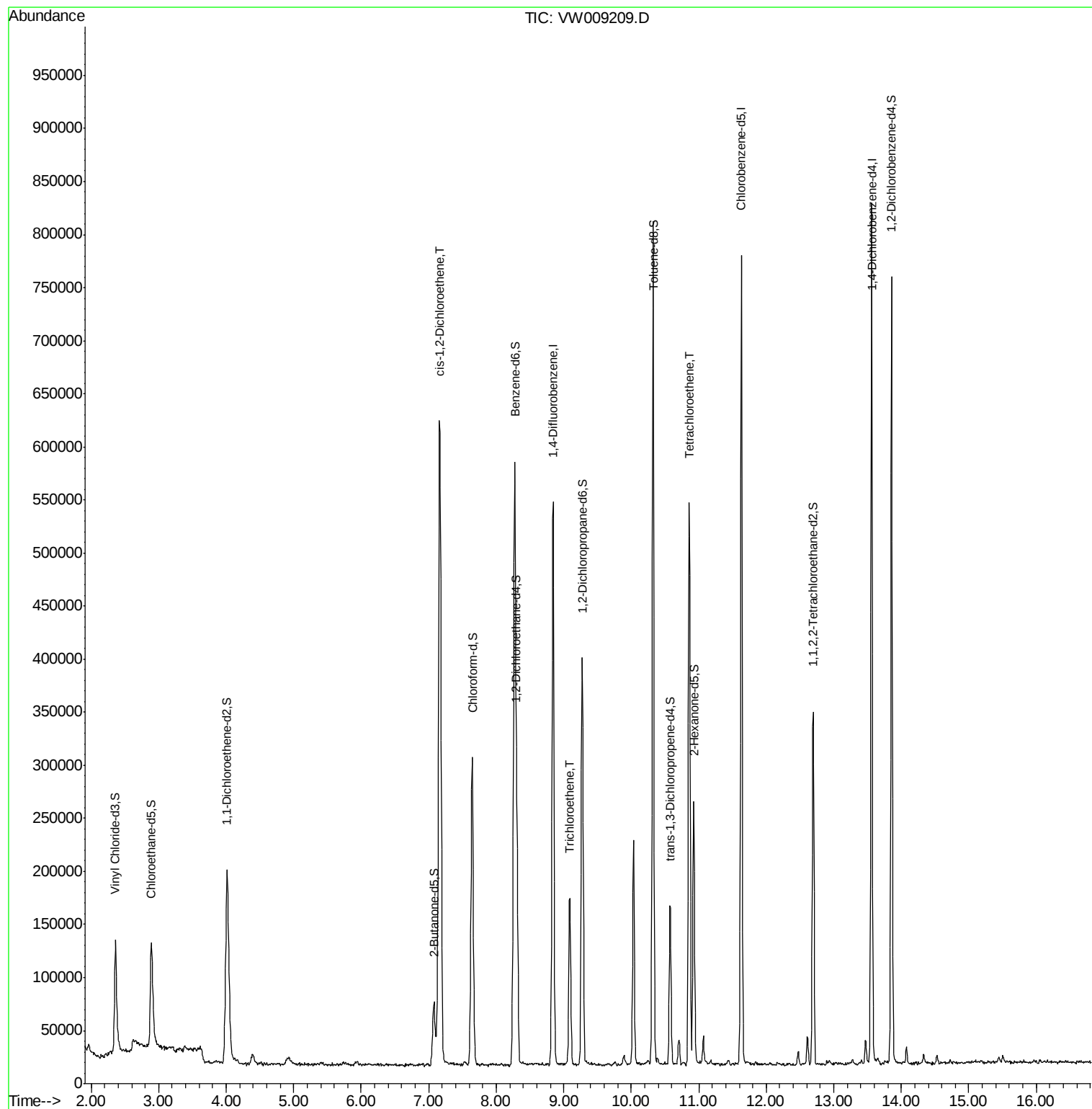
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031619\
Data File : VW009209.D
Acq On : 16 Mar 2019 14:49
Operator : SY/VA
Sample : K1939-21
Misc : 5.21G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

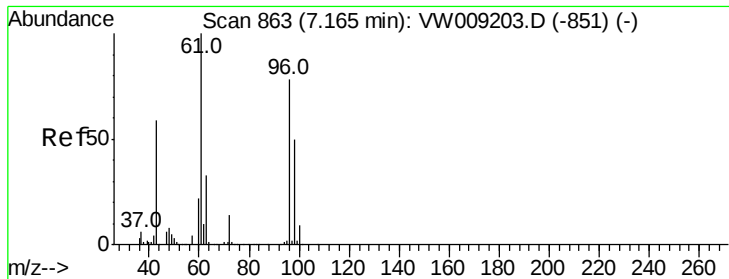
Instrument :
MSVOA_W
ClientSampleId :
BF0Y4

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:03:25 AM

Quant Time: Mar 18 03:01:22 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





#22

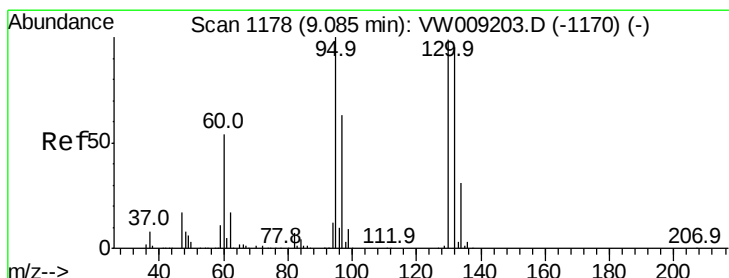
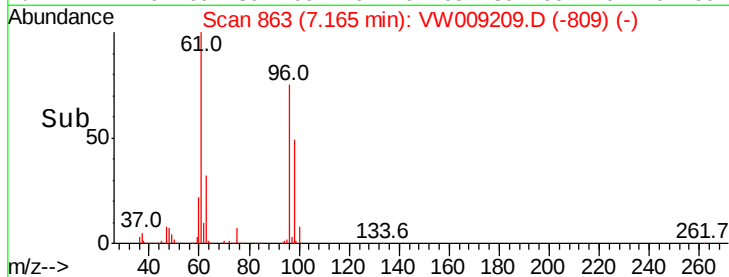
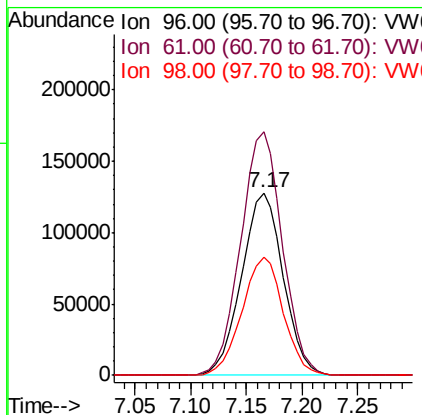
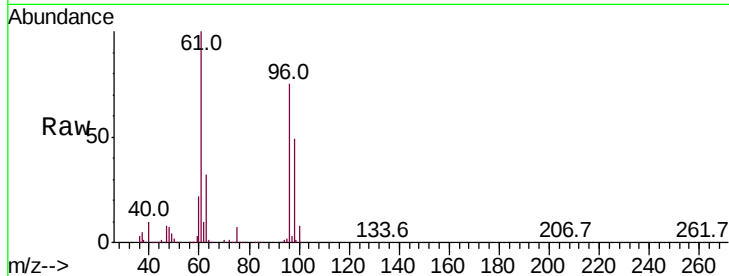
cis-1,2-Dichloroethene
Concen: 54.854 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009209.D
Acq: 16 Mar 2019 14:49

Instrument :
MSVOA_W
ClientSampled :
BF0Y4

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	90.6	168.3
98	65.0	44.0	81.8

Manual Integrations
APPROVED

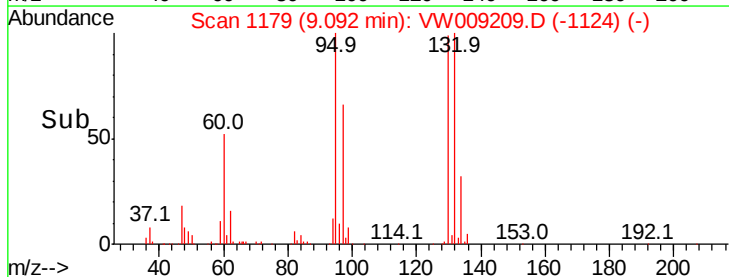
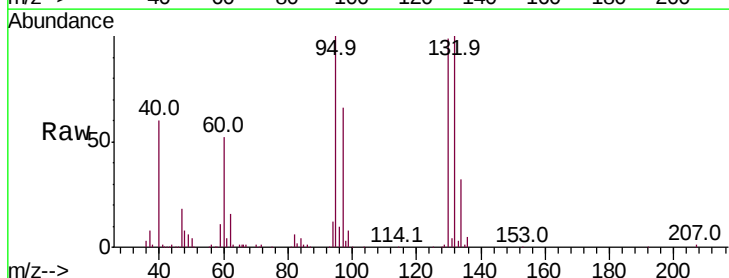
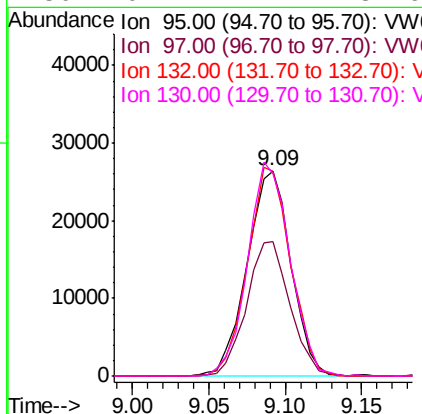
MMDadoda
3/19/2019 10:03:25 AM

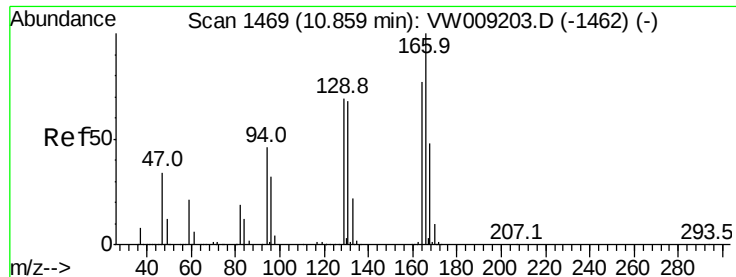


#35

Trichloroethene
Concen: 8.845 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009209.D
Acq: 16 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.7	82.9
132	100.0	69.0	128.2
130	101.2	72.7	134.9





#47

Tetrachloroethene

Concen: 23.172 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009209.D

Acq: 16 Mar 2019 14:49

Instrument :

MSVOA_W

ClientSampleId :

BF0Y4

Tot Ion:164 Resp: 116806

Ion Ratio Lower Upper

164 100

129 93.3 66.5 123.5

131 87.0 62.6 116.3

166 128.6 91.6 170.0

Manual Integrations

APPROVED

MMDadoda

3/19/2019 10:03:25 AM

