

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009213.D
 Acq On : 16 Mar 2019 16:38
 Operator : SY/VA
 Sample : K1939-20
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y3

Quant Time: Mar 18 03:54:16 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	450926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210075	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	140866	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
7) Chloroethane-d5	2.89	69	129149	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
10) 1,1-Dichloroethene-d2	4.01	63	209866	18.02	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	7.08	46	94796	42.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.08%
24) Chloroform-d	7.65	84	276347	22.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	8.31	65	169050	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.20%
29) Benzene-d6	8.27	84	542137	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.27	67	161986	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.96%
37) Toluene-d8	10.32	98	486003	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.68%
38) trans-1,3-Dichloropropene-	10.58	79	74521	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	10.93	63	72181	41.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150545	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	189177	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

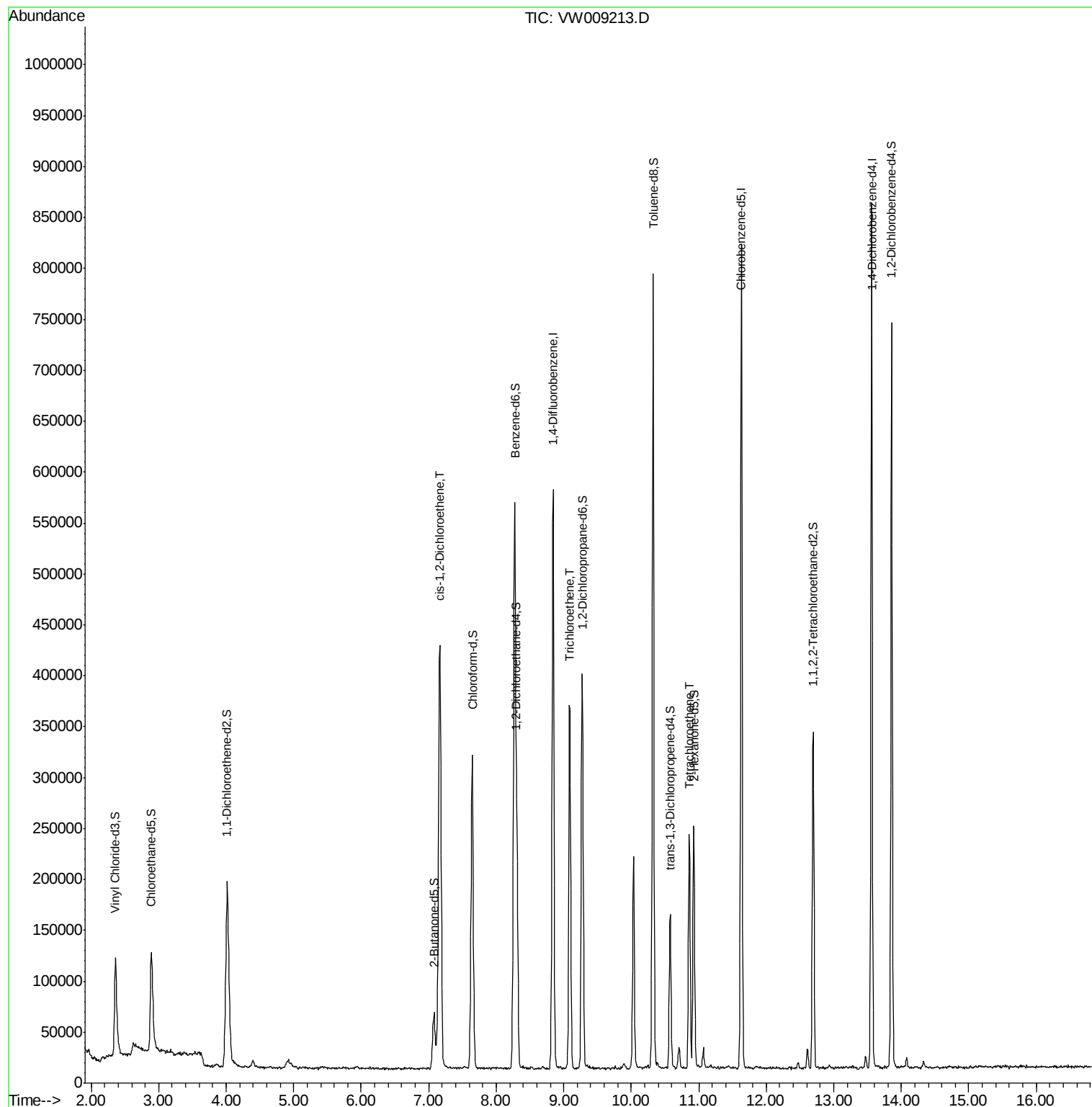
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	233384	36.903 ug/L	97
35) Trichloroethene	9.09	95	114488	18.057 ug/L	99
47) Tetrachloroethene	10.86	164	47370	8.842 ug/L	96

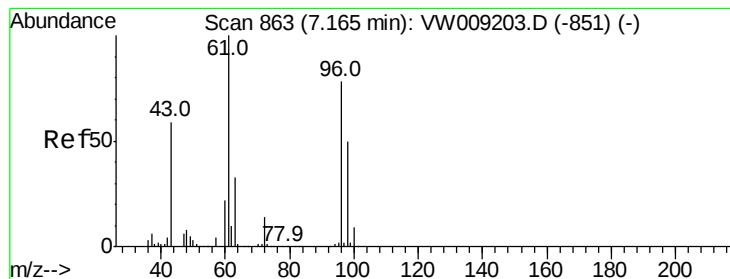
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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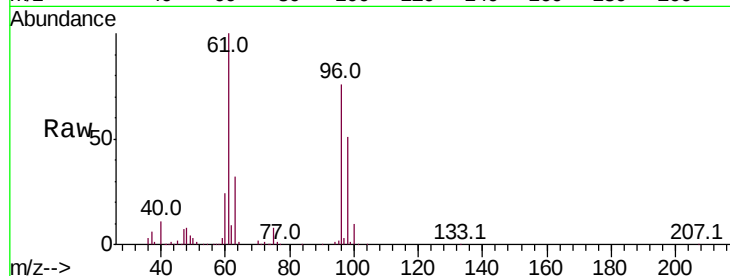


#22

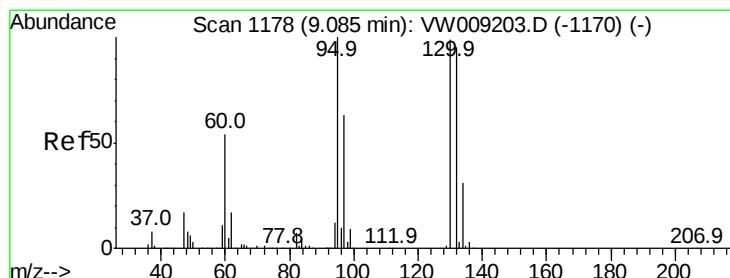
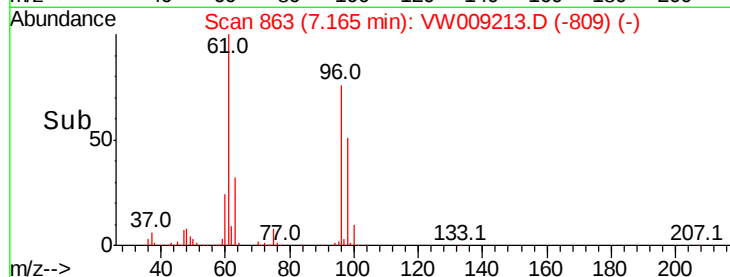
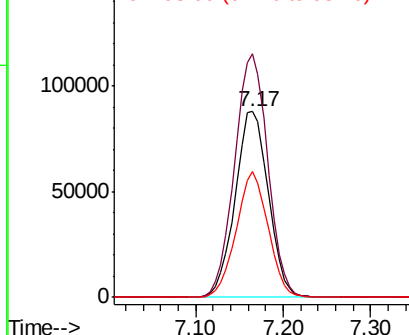
cis-1,2-Dichloroethene
Concen: 36.903 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009213.D
Acq: 16 Mar 2019 16:38

Instrument :
MSVOA_W
ClientSampleId :
BF0Y3

Tot Ion: 96 Resp: 233384
Ion Ratio Lower Upper
96 100
61 131.3 90.6 168.3
98 67.6 44.0 81.8



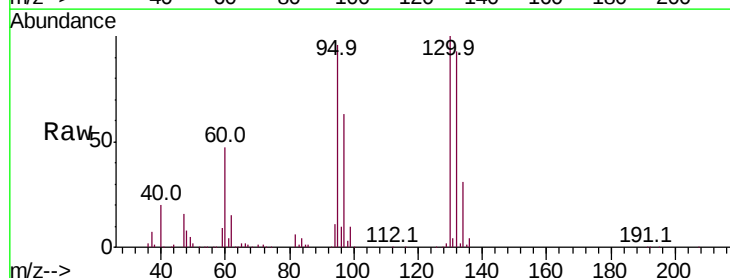
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



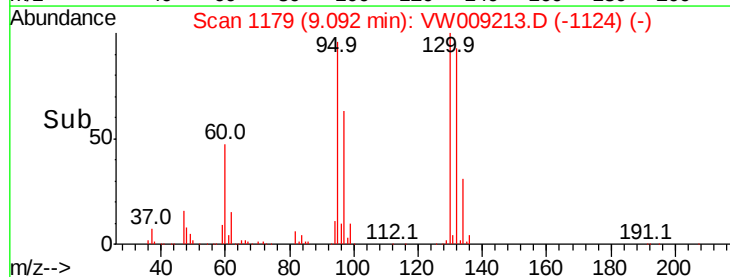
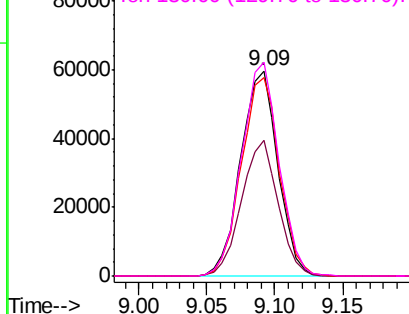
#35

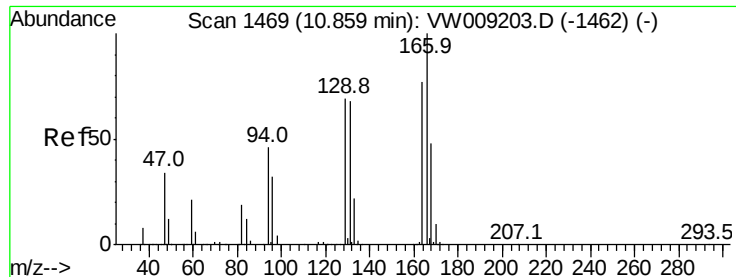
Trichloroethene
Concen: 18.057 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009213.D
Acq: 16 Mar 2019 16:38

Tgt Ion: 95 Resp: 114488
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 99.0 69.0 128.2
130 104.7 72.7 134.9



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





#47

Tetrachloroethene

Concen: 8.842 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009213.D

Acq: 16 Mar 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

BF0Y3

Tot Ion:164 Resp: 47370

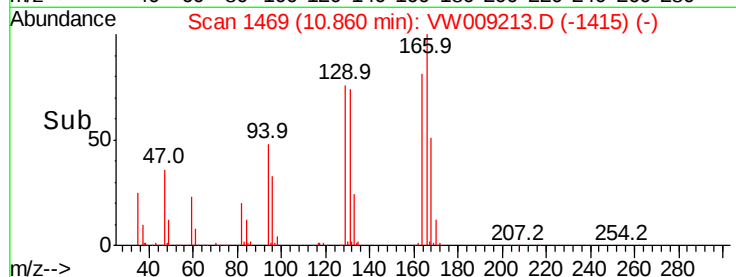
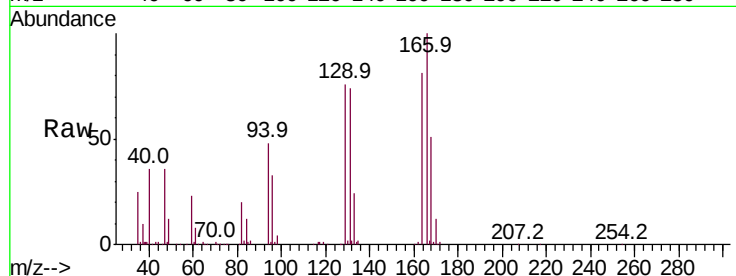
Ion Ratio Lower Upper

164 100

129 93.3 66.5 123.5

131 91.2 62.6 116.3

166 122.9 91.6 170.0



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

