

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\
 Data File : VW009223.D
 Acq On : 18 Mar 2019 12:03
 Operator : SY/VA
 Sample : K1949-11
 Misc : 4.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Z2

Quant Time: Mar 19 01:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 11:10:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413366	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183989	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130524	26.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.68%
7) Chloroethane-d5	2.89	69	119592	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
10) 1,1-Dichloroethene-d2	4.01	63	197515	18.50	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.00%
20) 2-Butanone-d5	7.08	46	82133	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
24) Chloroform-d	7.64	84	264081	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.30	65	155948	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	510136	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.27	67	151386	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.32	98	458678	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.28%
38) trans-1,3-Dichloropropene-	10.57	79	70715	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.16%
39) 2-Hexanone-d5	10.92	63	62541	40.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136284	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	175388	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

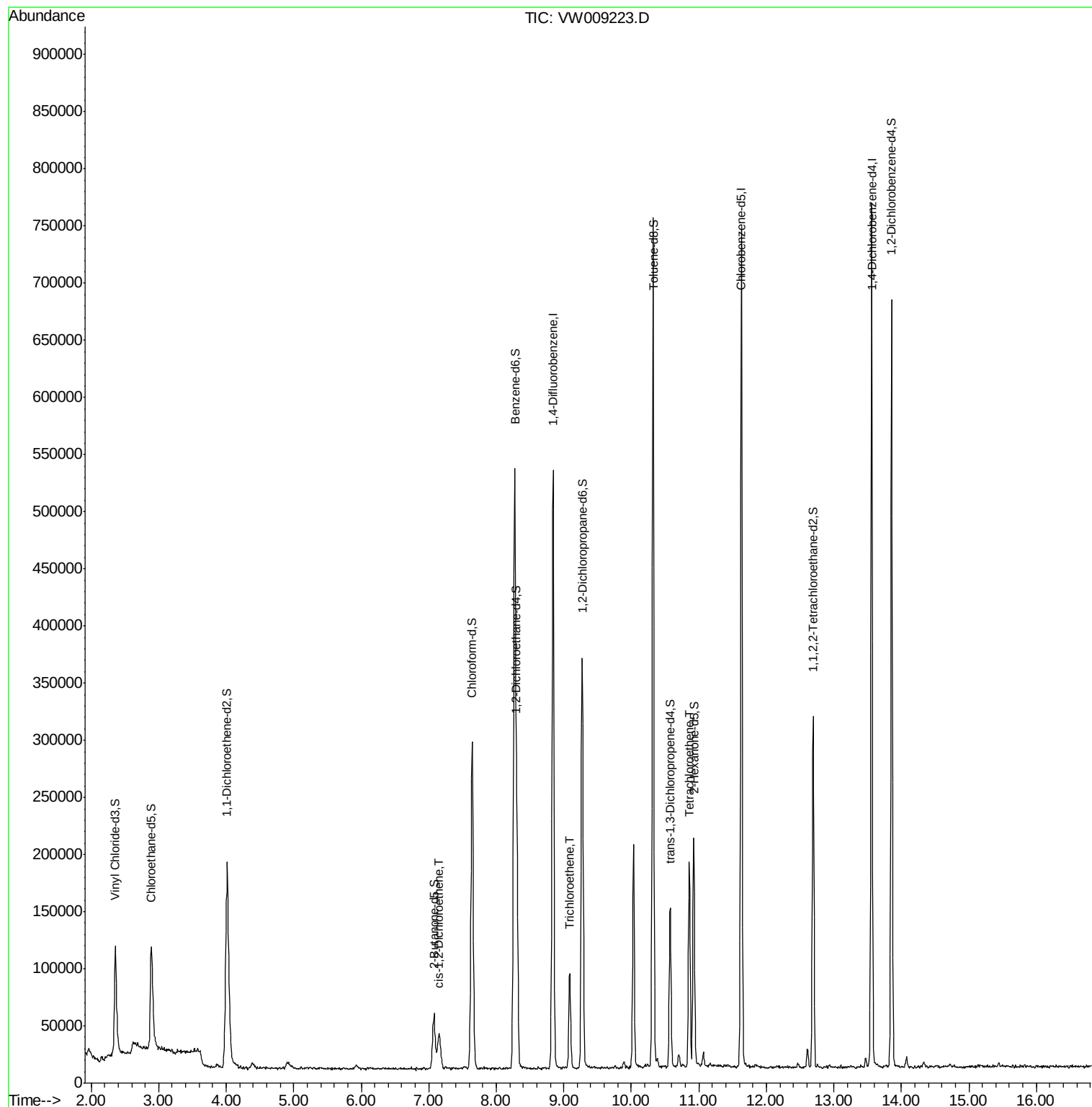
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.16	96	9766	1.685 ug/L	98
35) Trichloroethene	9.09	95	26162	4.650 ug/L	99
47) Tetrachloroethene	10.86	164	36568	7.693 ug/L	94

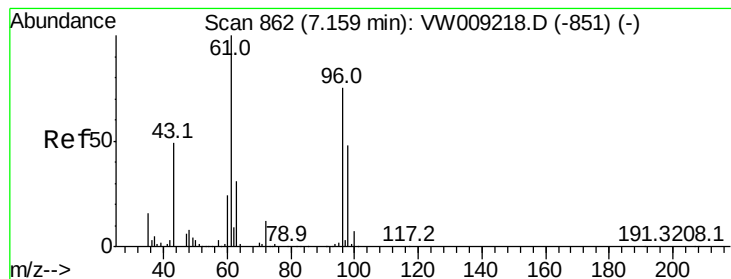
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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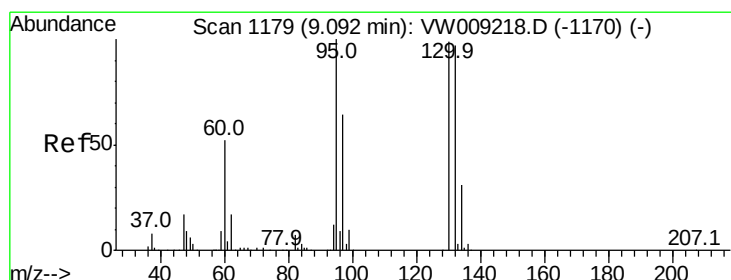
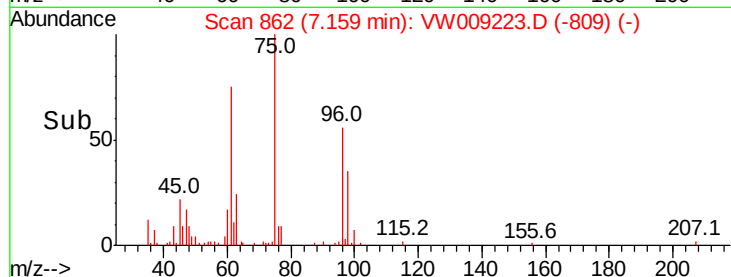
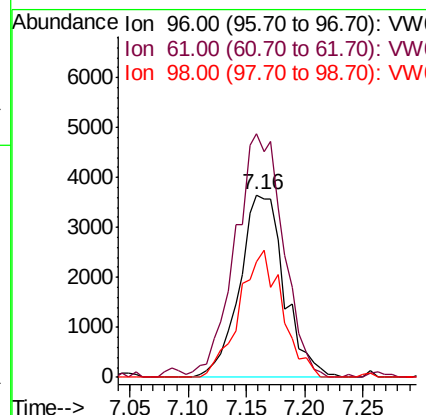
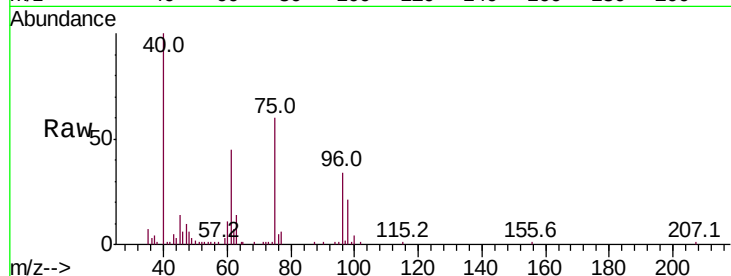


#22

cis-1,2-Dichloroethene
 Concen: 1.685 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW009223.D
 Acq: 18 Mar 2019 12:03

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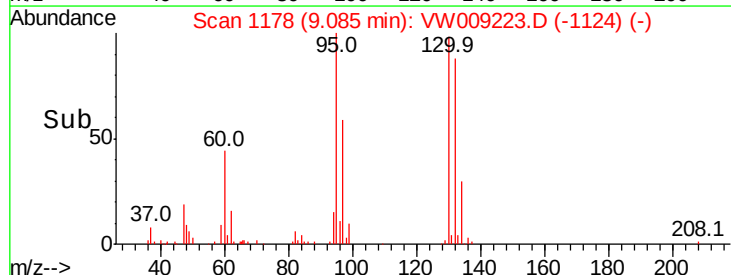
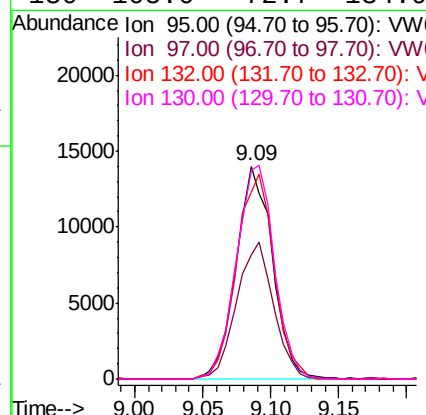
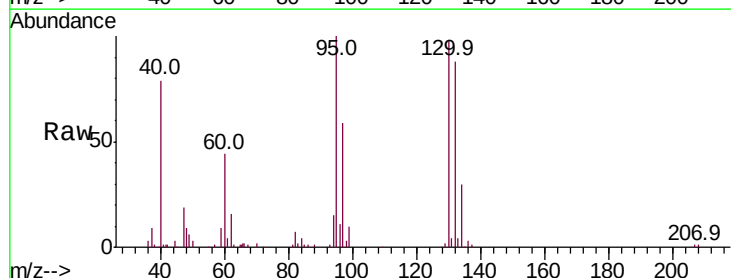
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	90.6	168.3
98	63.2	44.0	81.8

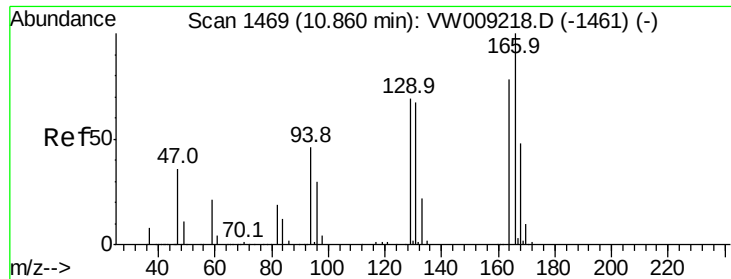


#35

Trichloroethene
 Concen: 4.650 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009223.D
 Acq: 18 Mar 2019 12:03

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.7	82.9
132	99.6	69.0	128.2
130	105.0	72.7	134.9





#47

Tetrachloroethene

Concen: 7.693 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009223.D

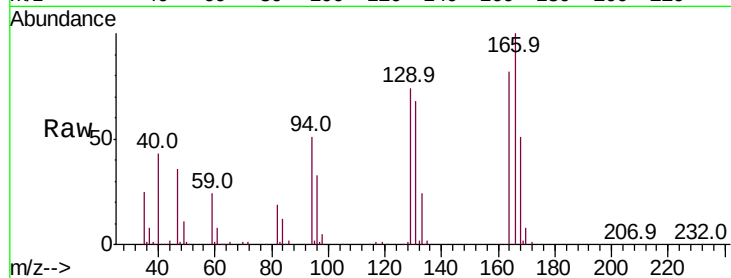
Acq: 18 Mar 2019 12:03

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Tot Ion:164 Resp: 36568

Ion Ratio Lower Upper

164 100

129 90.4 66.5 123.5

131 83.1 62.6 116.3

166 122.3 91.6 170.0

