

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 18 12:41:27 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%

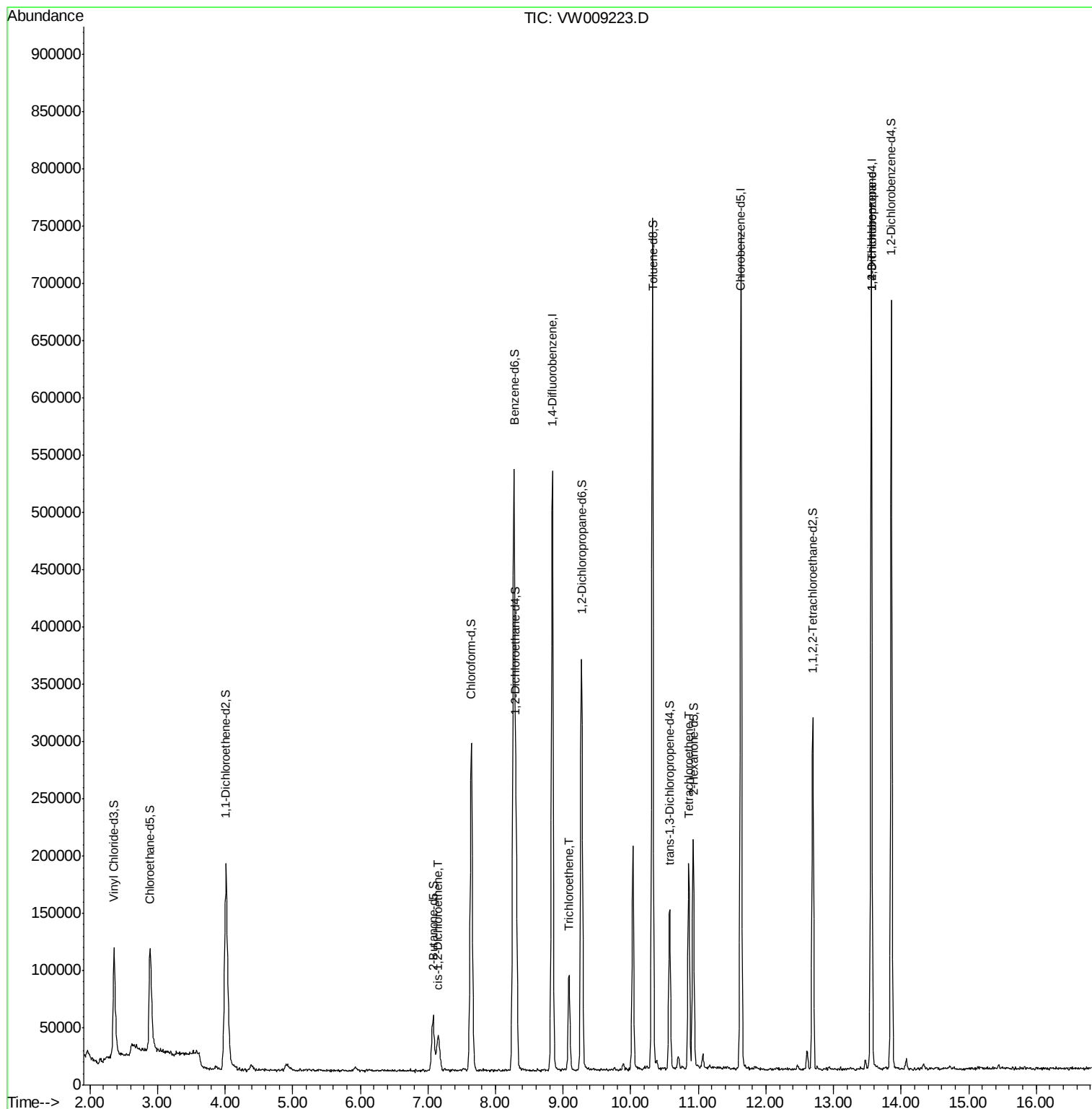
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	7.16	96	9766	1.685 ug/L	98
35) Trichloroethene	9.09	95	26162	4.650 ug/L	99
47) Tetrachloroethene	10.86	164	36568	7.693 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	23672	5.470 ug/L	90

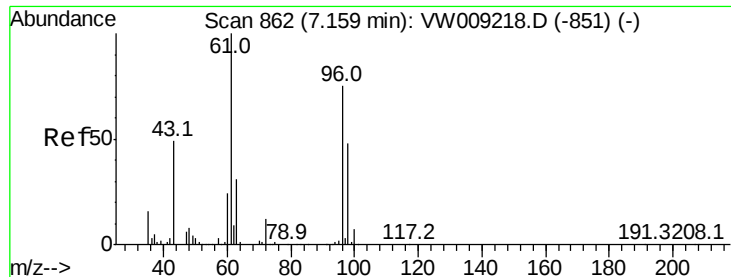
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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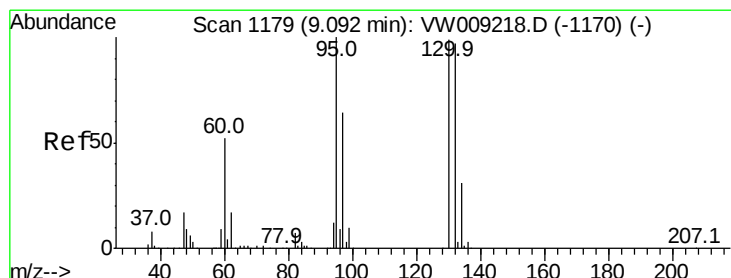
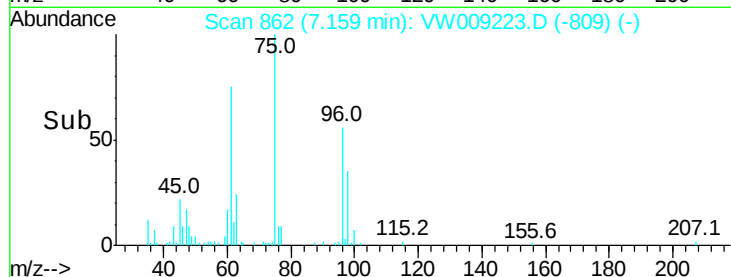
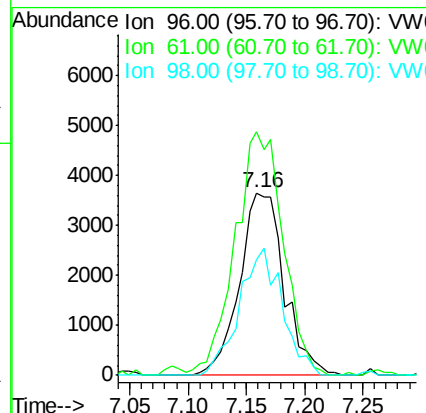
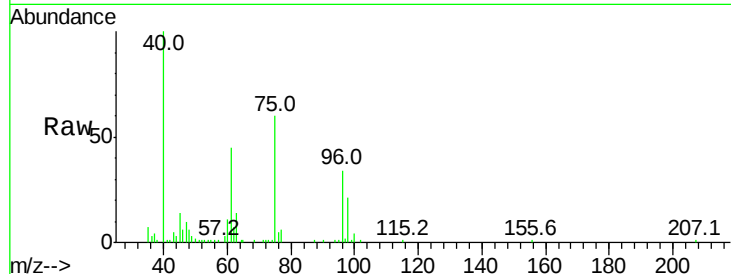


#22

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

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Z2

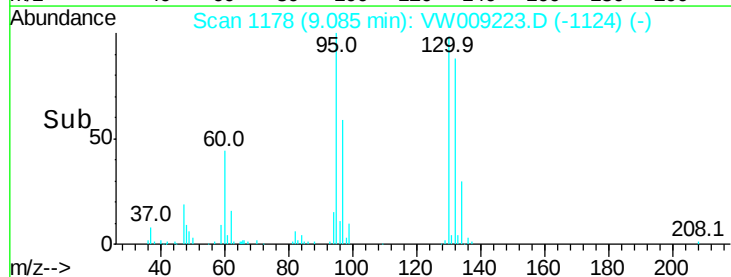
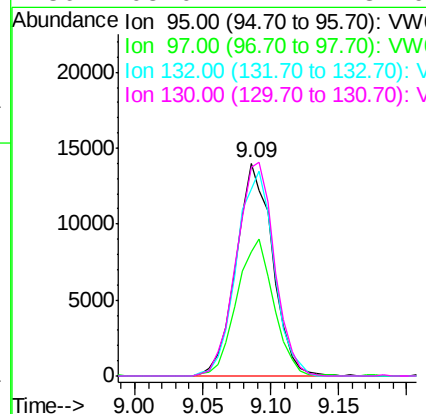
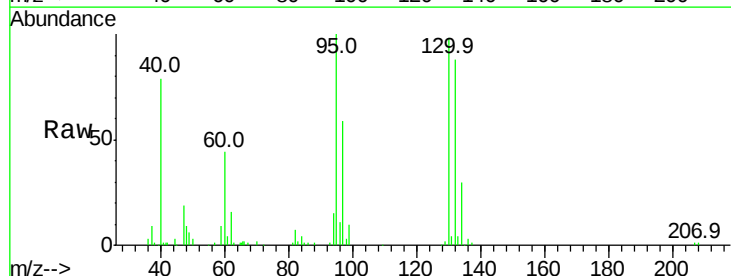
Tgt Ion: 96 Resp: 9766
 Ion Ratio Lower Upper
 96 100
 61 133.5 90.6 168.3
 98 63.2 44.0 81.8

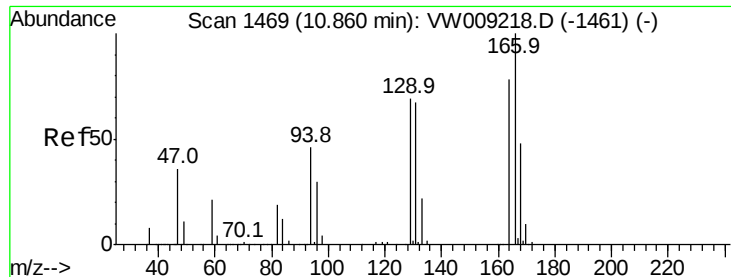


#35

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: 95 Resp: 26162
 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

Instrument :

MSVOA_W

ClientSampled :

BF0Z2

Tgt Ion:164 Resp: 36568

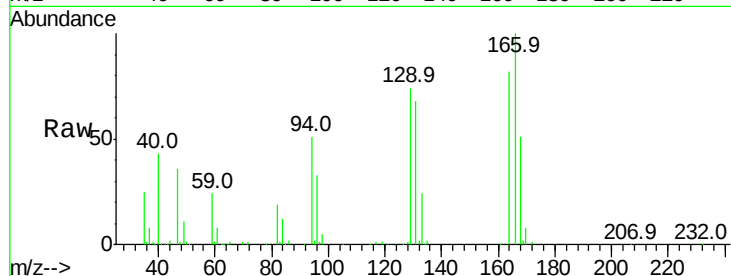
Ion Ratio Lower Upper

164 100

129 90.4 66.5 123.5

131 83.1 62.6 116.3

166 122.3 91.6 170.0

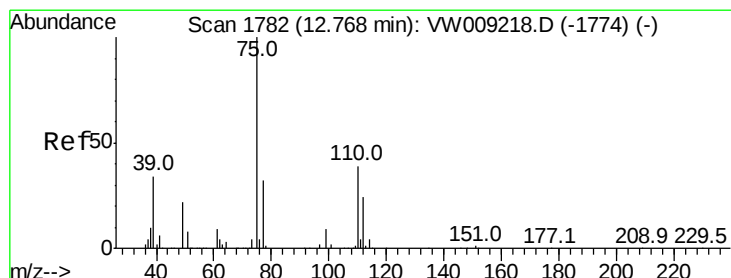
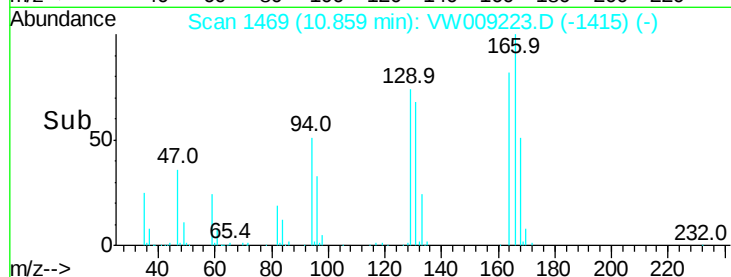
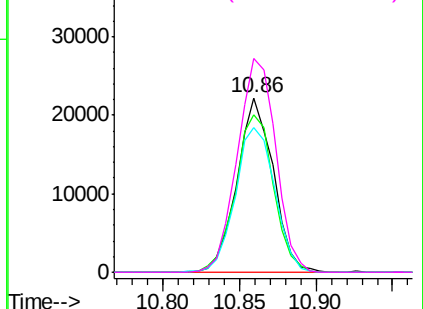


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.470 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009223.D

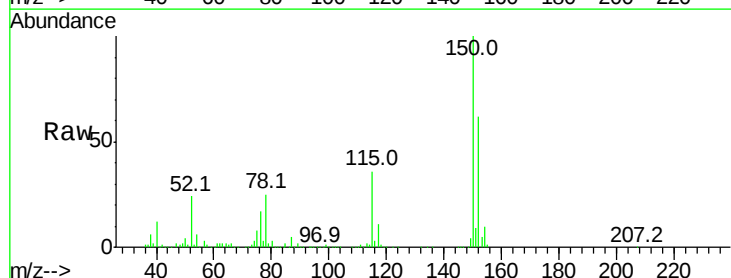
Acq: 18 Mar 2019 12:03

Tgt Ion: 75 Resp: 23672

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

