

Data File : VW009208.D
Acq On : 16 Mar 2019 14:22
Operator : SY/VA
Sample : K1936-18
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFOX6

Quant Time: Mar 18 02:43:45 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	445569	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419186	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199673	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	160605	30.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.64%
7) Chloroethane-d5	2.90	69	144680	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	4.01	63	235435	20.46	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.84%
20) 2-Butanone-d5	7.07	46	86181	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
24) Chloroform-d	7.65	84	302038	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.30	65	172825	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	587169	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	171622	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.32	98	529159	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.04%
38) trans-1,3-Dichloropropene-	10.58	79	77554	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	67095	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144424	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	194533	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%

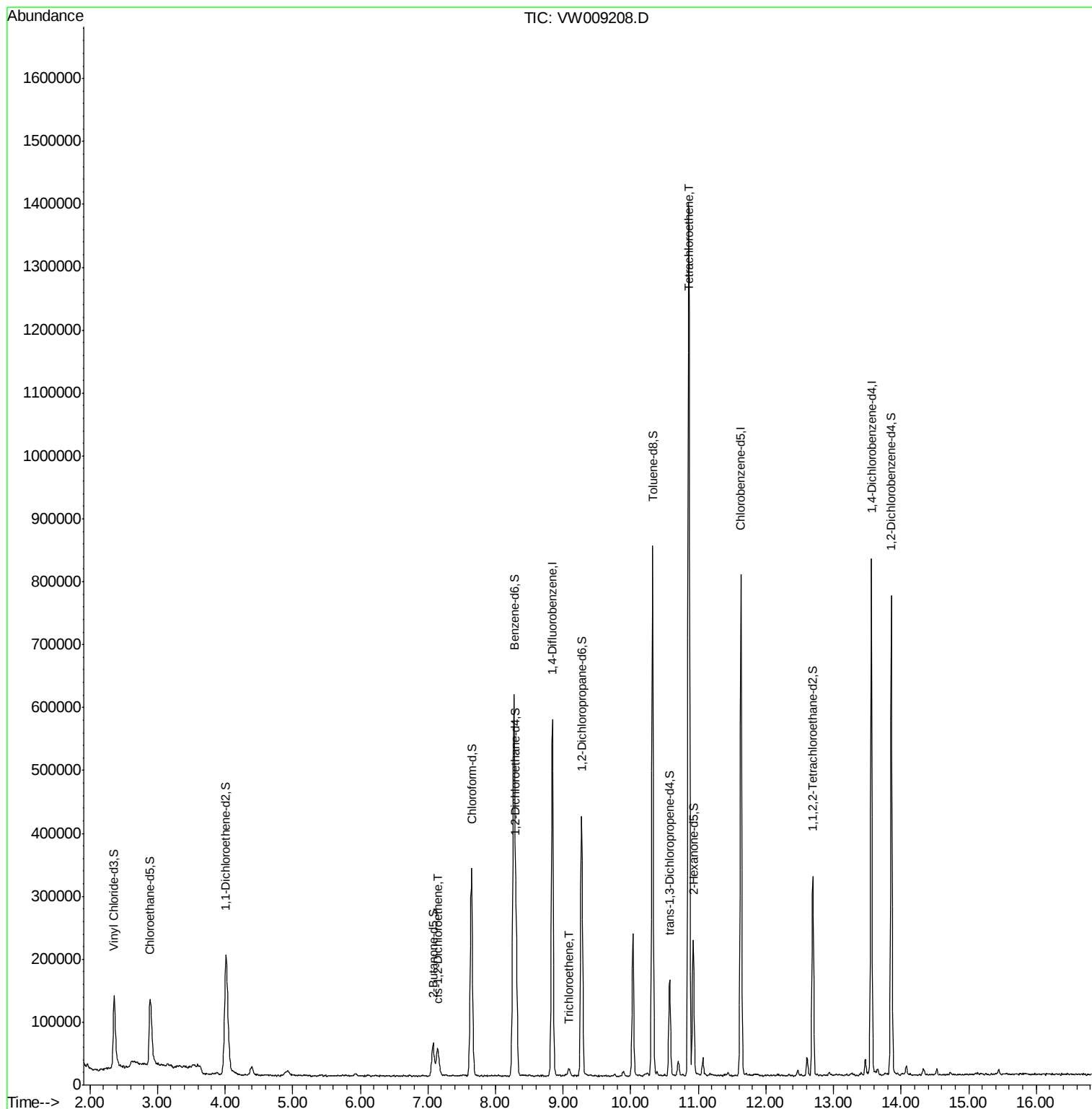
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.15	96	2357	0.377	ug/L	92
35) Trichloroethene	9.09	95	3621	0.592	ug/L #	80
47) Tetrachloroethene	10.86	164	286455	55.453	ug/L	98

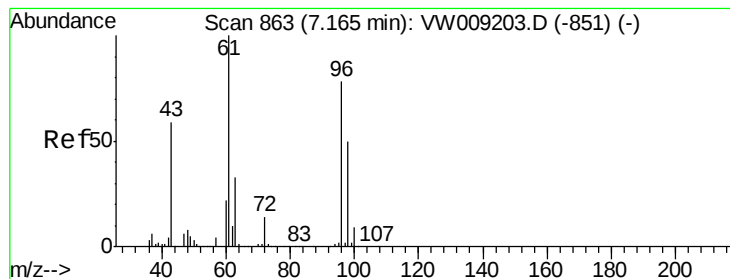
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009208.D
Acq On : 16 Mar 2019 14:22
Operator : SY/VA
Sample : K1936-18
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0X6

Quant Time: Mar 18 02:43:45 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



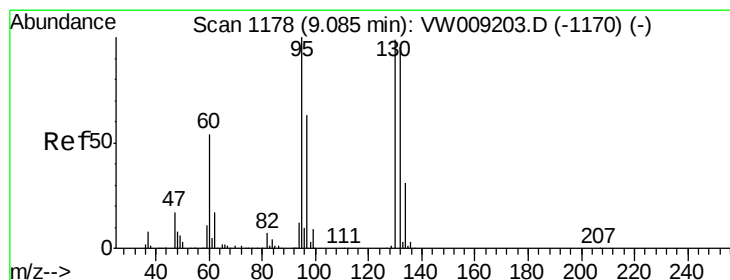
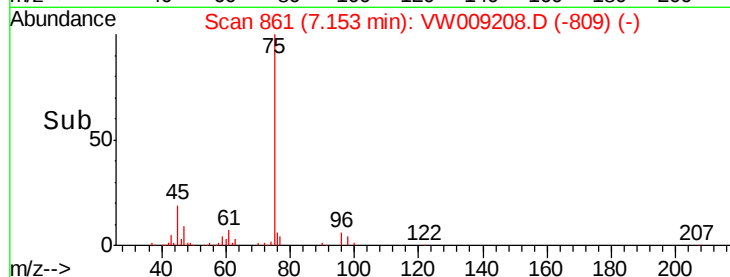
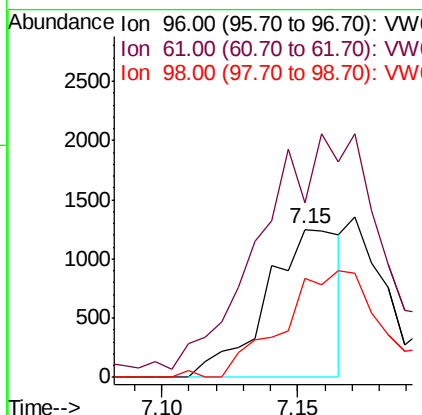
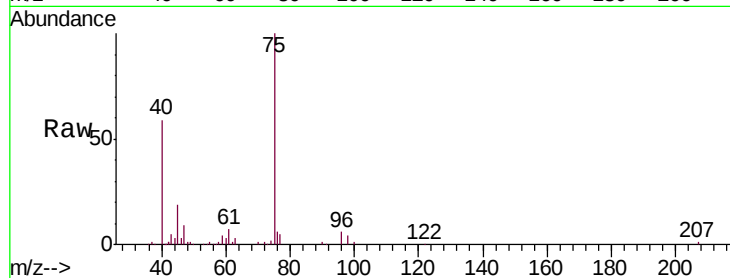


#22

cis-1,2-Dichloroethene
 Concen: 0.377 ug/L
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VW009208.D
 Acq: 16 Mar 2019 14:22

Instrument :
 MSVOA_W
 ClientSampled :
 BF0X6

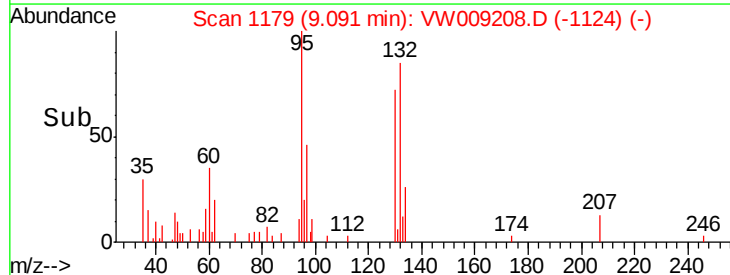
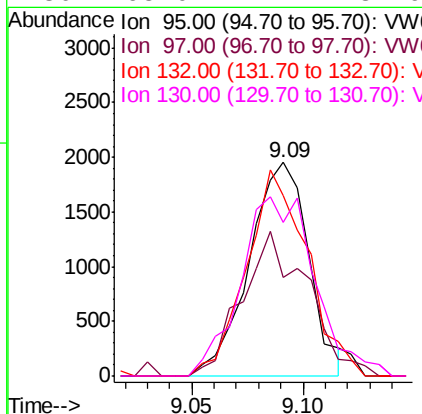
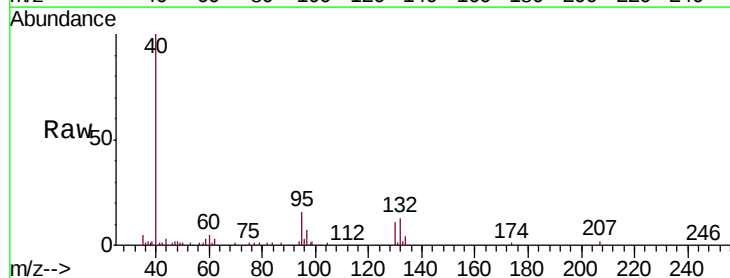
Tgt Ion: 96 Resp: 2357
 Ion Ratio Lower Upper
 96 100
 61 118.4 90.6 168.3
 98 66.7 44.0 81.8

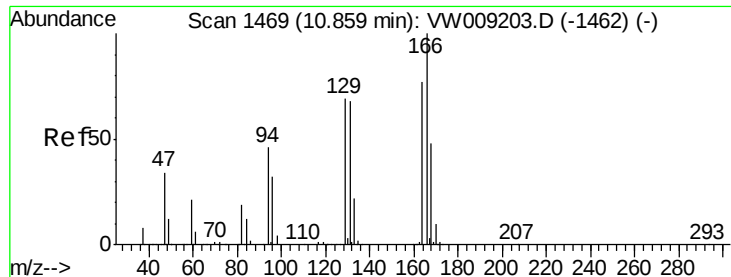


#35

Trichloroethene
 Concen: 0.592 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009208.D
 Acq: 16 Mar 2019 14:22

Tgt Ion: 95 Resp: 3621
 Ion Ratio Lower Upper
 95 100
 97 47.7 44.7 82.9
 132 99.2 69.0 128.2
 130 65.0 72.7 134.9#





#47

Tetrachloroethene

Concen: 55.453 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009208.D

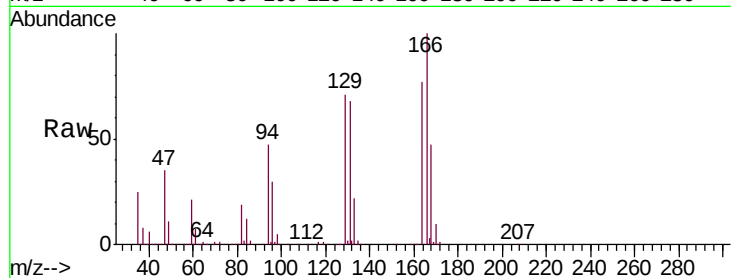
Acq: 16 Mar 2019 14:22

Instrument :

MSVOA_W

ClientSampleId :

BF0X6



Tgt Ion:164 Resp: 286455

Ion Ratio Lower Upper

164 100

129 92.2 66.5 123.5

131 88.4 62.6 116.3

166 129.7 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

