

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009598.D
 Acq On : 30 Mar 2019 18:55
 Operator : SY/VA
 Sample : K2167-13
 Misc : 6.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF114

Quant Time: Mar 30 22:14:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433066	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416467	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184326	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	166766	32.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.88%
7) Chloroethane-d5	2.89	69	152377	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
10) 1,1-Dichloroethene-d2	4.01	63	249118	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.08%
20) 2-Butanone-d5	7.07	46	89201	41.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.36%
24) Chloroform-d	7.64	84	331555	28.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	8.30	65	198080	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.28%
29) Benzene-d6	8.27	84	626922	27.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.20%
33) 1,2-Dichloropropane-d6	9.27	67	190496	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	10.32	98	569079	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.20%
38) trans-1,3-Dichloropropene-	10.58	79	82780	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.93	63	70431	42.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157186	23.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	199717	28.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.04%

Target Compounds

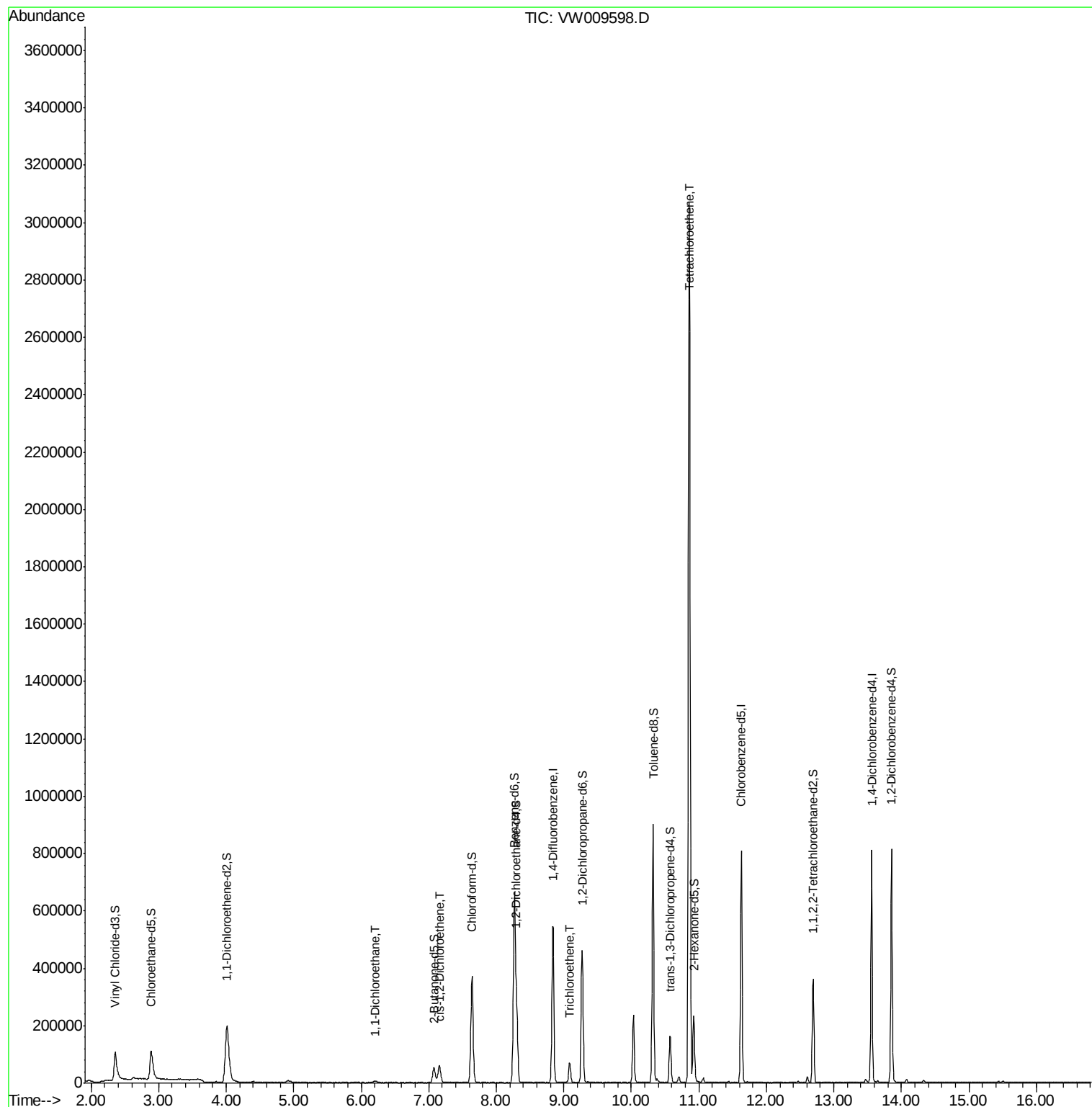
					Qvalue
19) 1,1-Dichloroethane	6.21	63	7814m	0.764	ug/L
22) cis-1,2-Dichloroethene	7.16	96	20062	3.303	ug/L
35) Trichloroethene	9.09	95	22185	3.652	ug/L
47) Tetrachloroethene	10.86	164	625428	121.863	ug/L

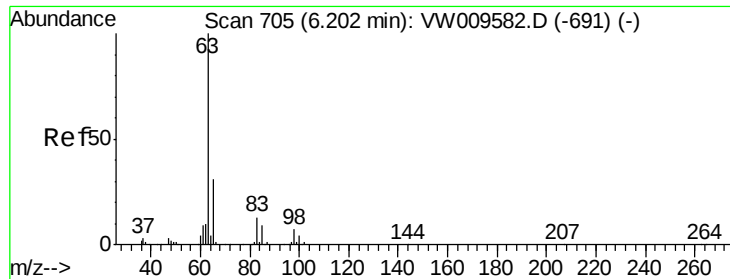
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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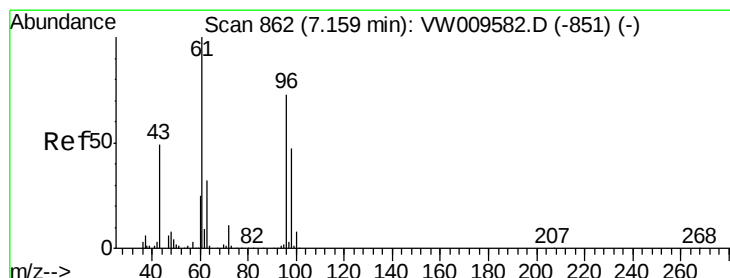
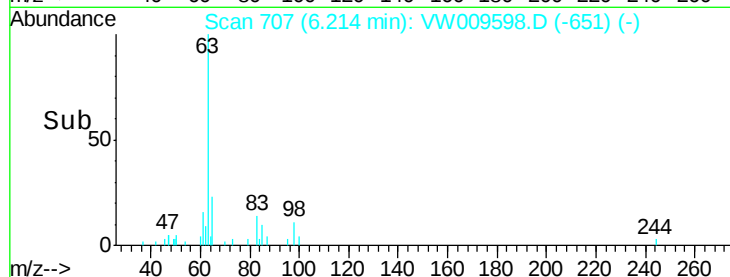
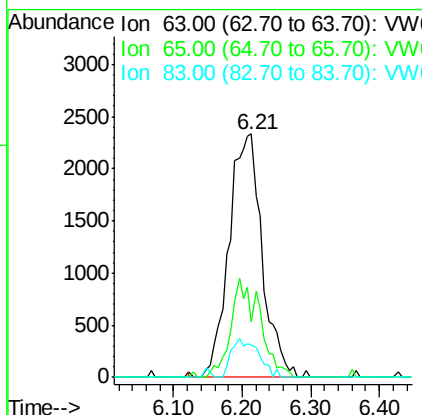
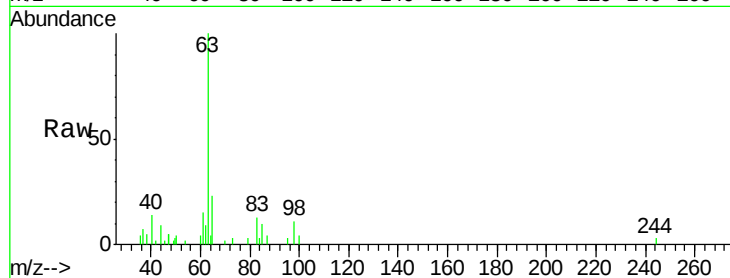




#19
 1,1-Dichloroethane
 Concen: 0.764 ug/L m
 RT: 6.21 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VW009598.D
 Acq: 30 Mar 2019 18:55

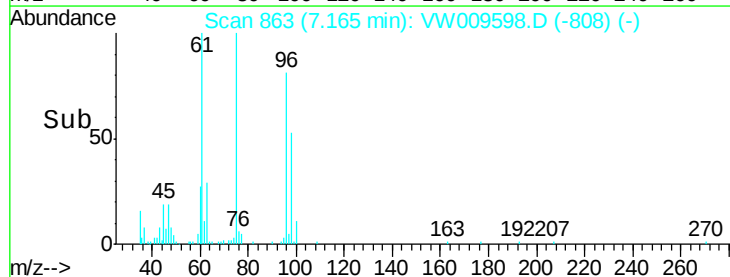
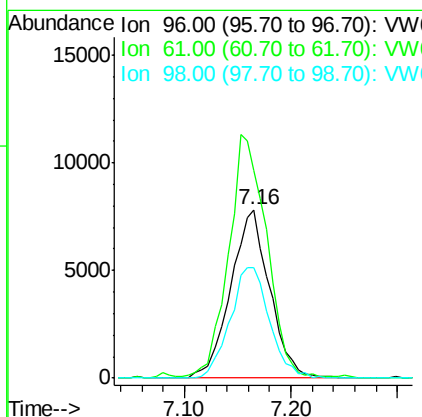
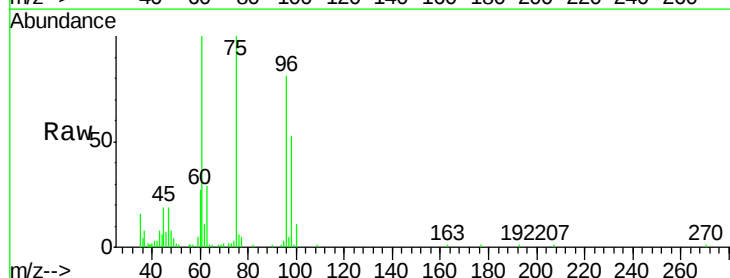
Instrument :
 MSVOA_W
 ClientSampled :
 BF114

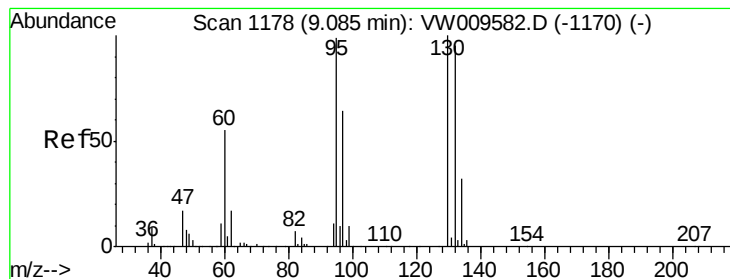
Tgt Ion: 63 Resp: 7814
 Ion Ratio Lower Upper
 63 100
 65 22.7 21.6 40.0
 83 13.4 10.1 18.7



#22
 cis-1,2-Dichloroethene
 Concen: 3.303 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009598.D
 Acq: 30 Mar 2019 18:55

Tgt Ion: 96 Resp: 20062
 Ion Ratio Lower Upper
 96 100
 61 123.2 90.6 168.3
 98 65.4 44.0 81.8





#35

Trichloroethene

Concen: 3.652 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009598.D

Acq: 30 Mar 2019 18:55

Instrument :

MSVOA_W

ClientSampleId :

BF114

Tgt Ion: 95 Resp: 22185

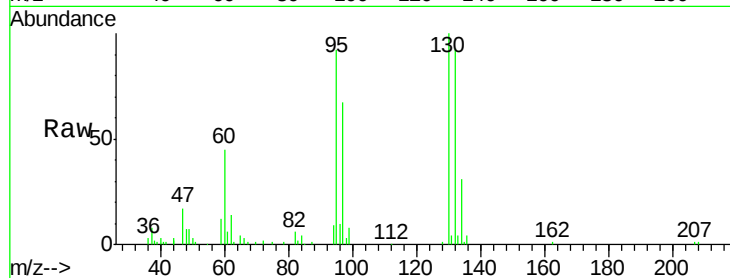
Ion Ratio Lower Upper

95 100

97 66.4 44.7 82.9

132 94.8 69.0 128.2

130 104.8 72.7 134.9

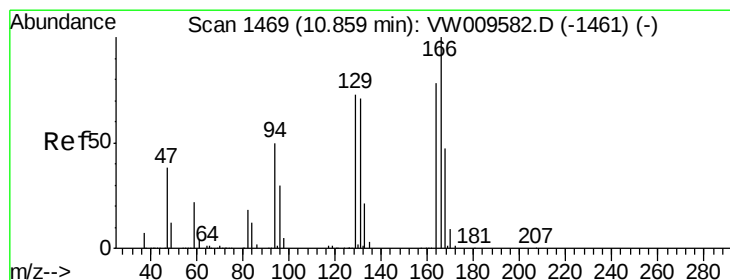
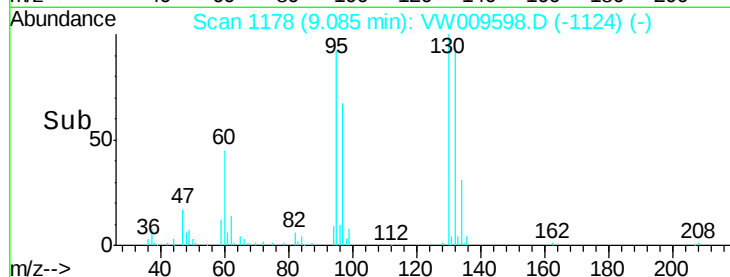
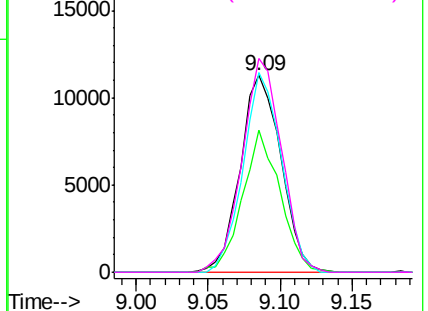


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 121.863 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009598.D

Acq: 30 Mar 2019 18:55

Tgt Ion: 164 Resp: 625428

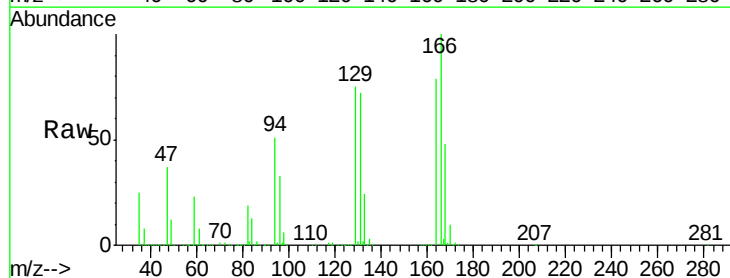
Ion Ratio Lower Upper

164 100

129 95.2 66.5 123.5

131 90.7 62.6 116.3

166 126.6 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

