

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009356.D
 Acq On : 22 Mar 2019 18:43
 Operator : SY/VA
 Sample : K2048-21
 Misc : 6.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G3

Quant Time: Mar 23 00:18:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418153	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193183	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103184	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	2.89	69	104473	17.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.60%
10) 1,1-Dichloroethene-d2	4.01	63	162593	14.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.64%
20) 2-Butanone-d5	7.07	46	87674	41.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.64%
24) Chloroform-d	7.64	84	250090	21.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	8.31	65	155823	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.27	84	449708	19.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.00%
33) 1,2-Dichloropropane-d6	9.27	67	144434	20.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.40%
37) Toluene-d8	10.32	98	400783	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.20%
38) trans-1,3-Dichloropropene-	10.58	79	62594	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.96%
39) 2-Hexanone-d5	10.93	63	64210	38.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139659	20.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	162527	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

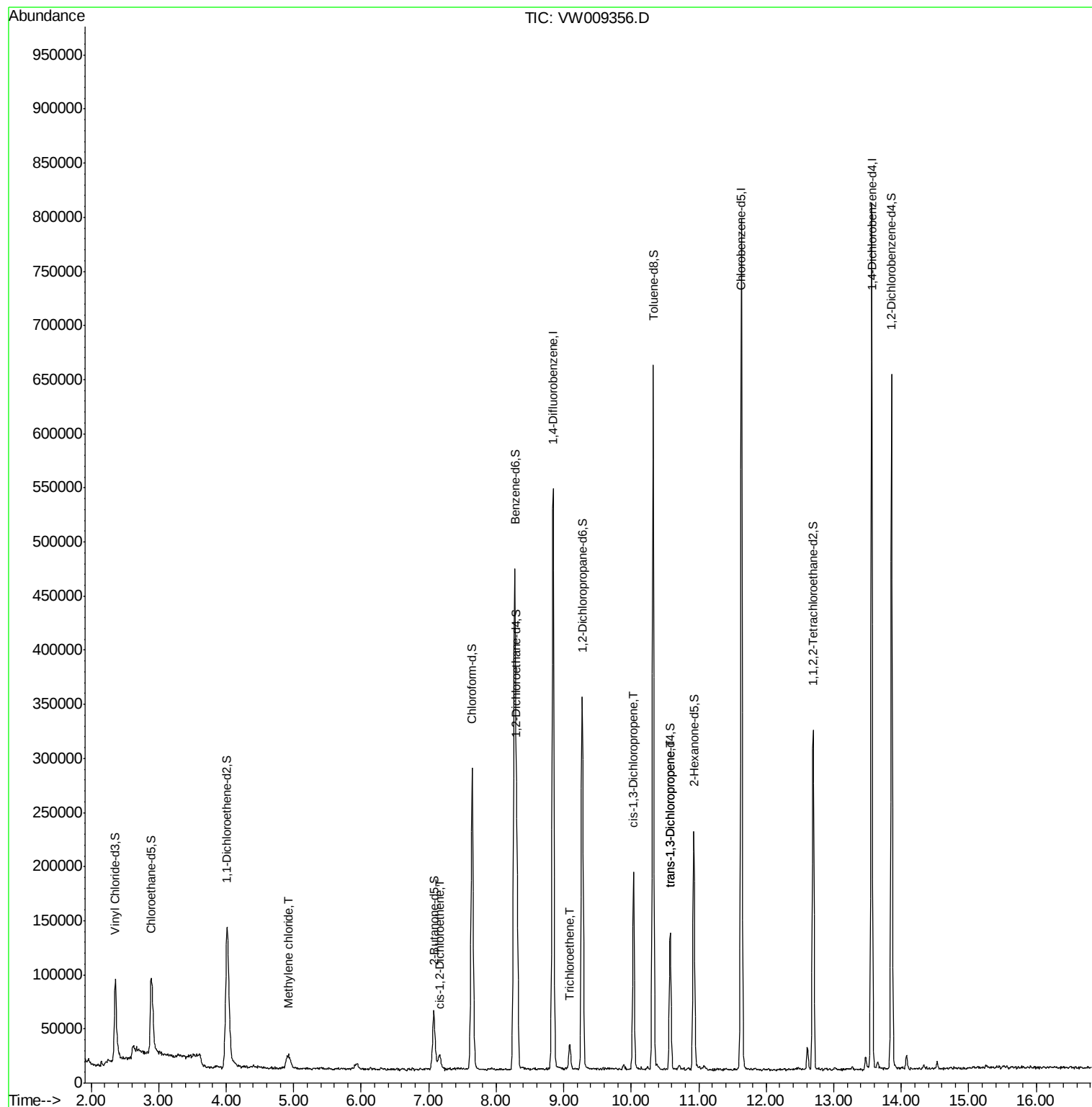
					Qvalue
16) Methylene chloride	4.92	84	11996	1.916 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	5685	0.944 ug/L	95
35) Trichloroethene	9.09	95	7080	1.161 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5512	0.576 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	4010	0.482 ug/L #	72

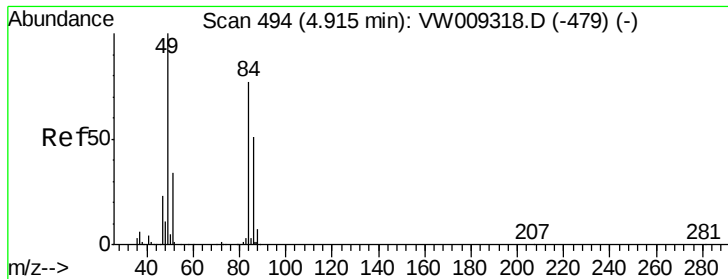
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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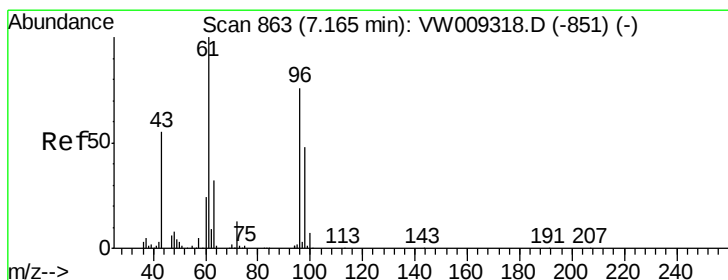
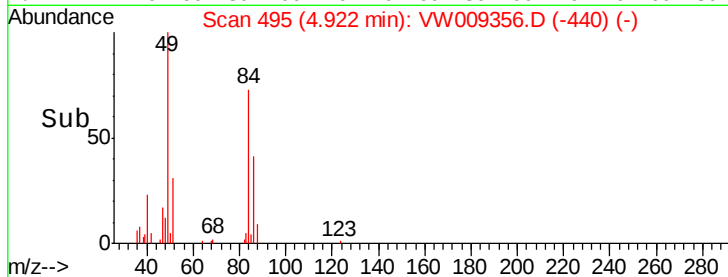
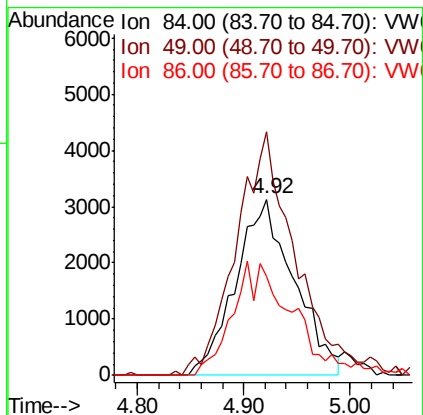
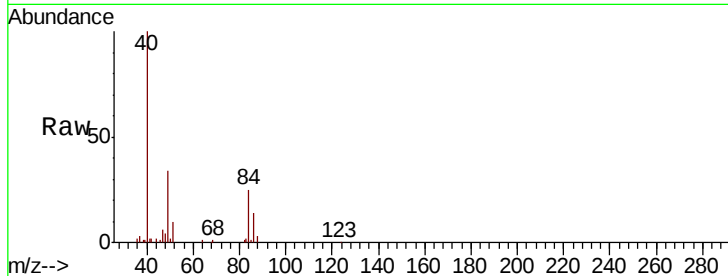




#16
Methylene chloride
Concen: 1.916 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009356.D
Acq: 22 Mar 2019 18:43

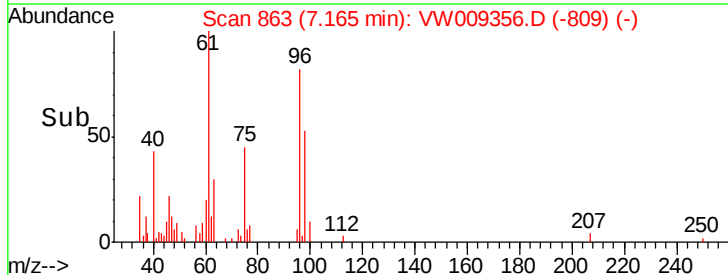
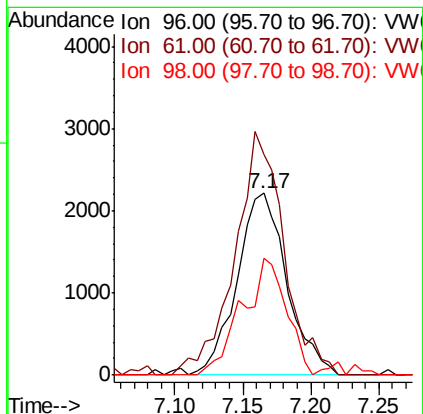
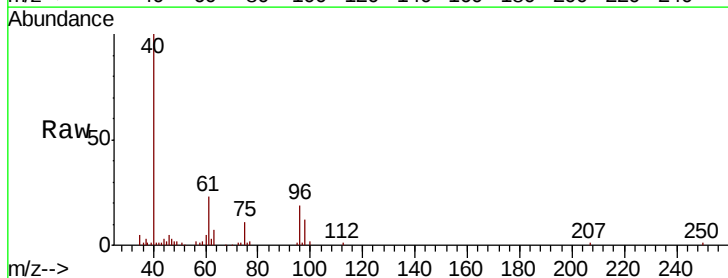
Instrument :
MSVOA_W
ClientSampleId :
BF0G3

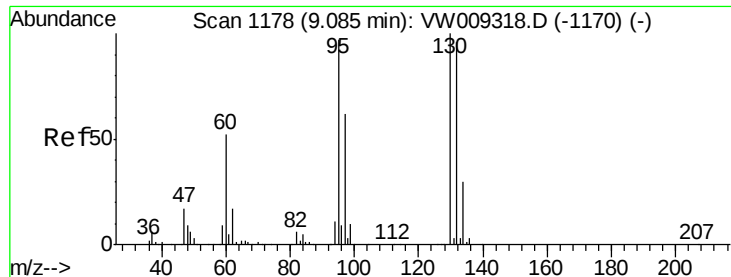
Tgt Ion: 84 Resp: 11996
Ion Ratio Lower Upper
84 100
49 138.3 96.0 178.2
86 56.2 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 0.944 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009356.D
Acq: 22 Mar 2019 18:43

Tgt Ion: 96 Resp: 5685
Ion Ratio Lower Upper
96 100
61 121.7 90.6 168.3
98 64.3 44.0 81.8





#35

Trichloroethene

Concen: 1.161 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009356.D

Acq: 22 Mar 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

BF0G3

Tgt Ion: 95 Resp: 7080

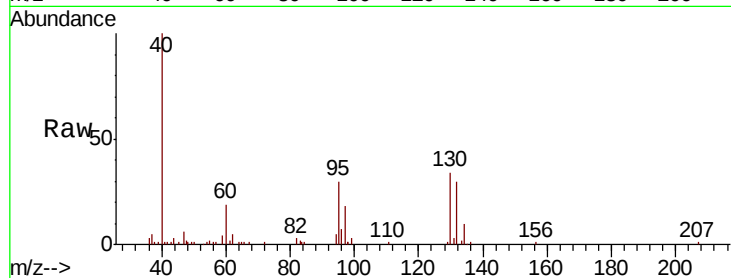
Ion Ratio Lower Upper

95 100

97 63.9 44.7 82.9

132 94.5 69.0 128.2

130 97.9 72.7 134.9

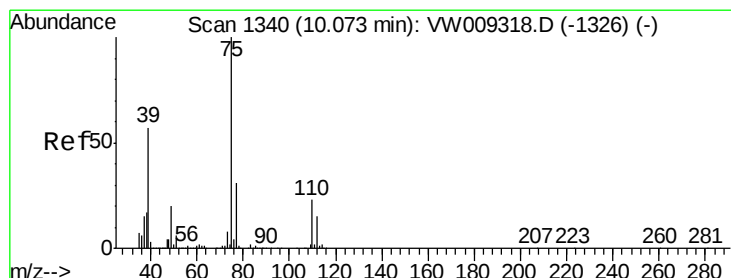
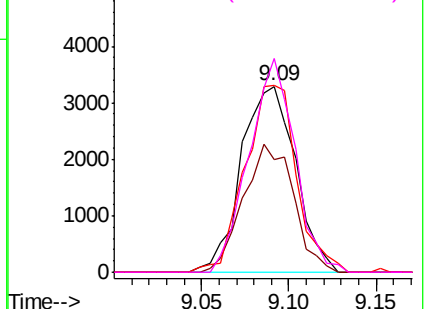
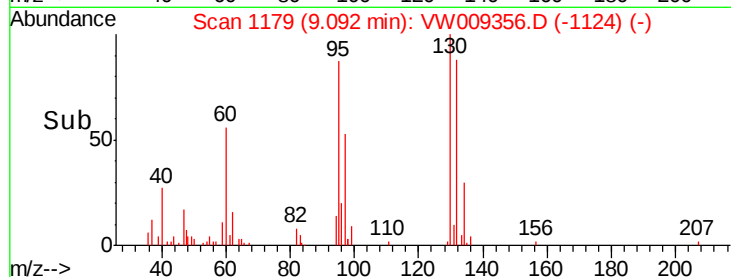


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009356.D

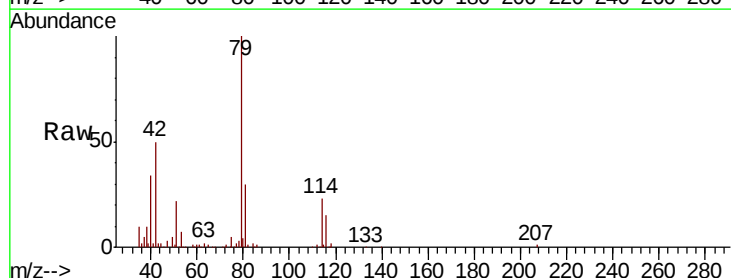
Acq: 22 Mar 2019 18:43

Tgt Ion: 75 Resp: 5512

Ion Ratio Lower Upper

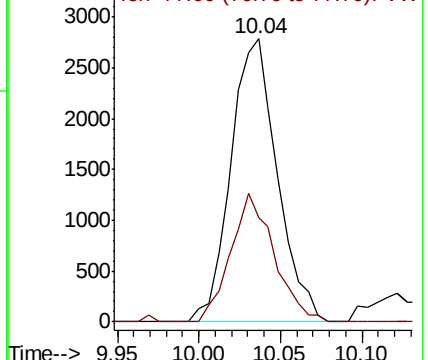
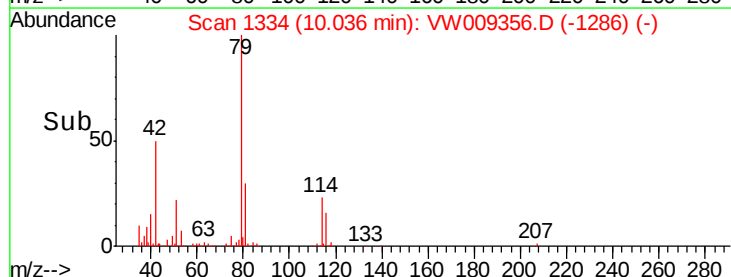
75 100

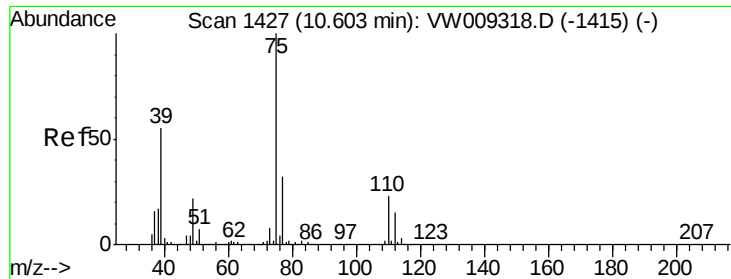
77 36.9 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.482 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009356.D

Acq: 22 Mar 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

BF0G3

Tgt Ion: 75 Resp: 4010

Ion Ratio Lower Upper

75 100

77 47.5 22.5 41.7#

