

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009358.D
 Acq On : 22 Mar 2019 19:38
 Operator : SY/VA
 Sample : VIBLK12
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK12

Quant Time: Mar 23 00:19:06 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	385429	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167073	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89882	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.89	69	90183	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
10) 1,1-Dichloroethene-d2	4.01	63	141602	14.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.88%
20) 2-Butanone-d5	7.08	46	89499	46.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.98%
24) Chloroform-d	7.65	84	214623	20.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	8.31	65	134183	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.72%
29) Benzene-d6	8.27	84	388020	18.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.32%
33) 1,2-Dichloropropane-d6	9.27	67	124674	20.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.56%
37) Toluene-d8	10.32	98	344172	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.24%
38) trans-1,3-Dichloropropene-	10.58	79	55004	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.76%
39) 2-Hexanone-d5	10.93	63	65410	43.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132090	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	135387	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds

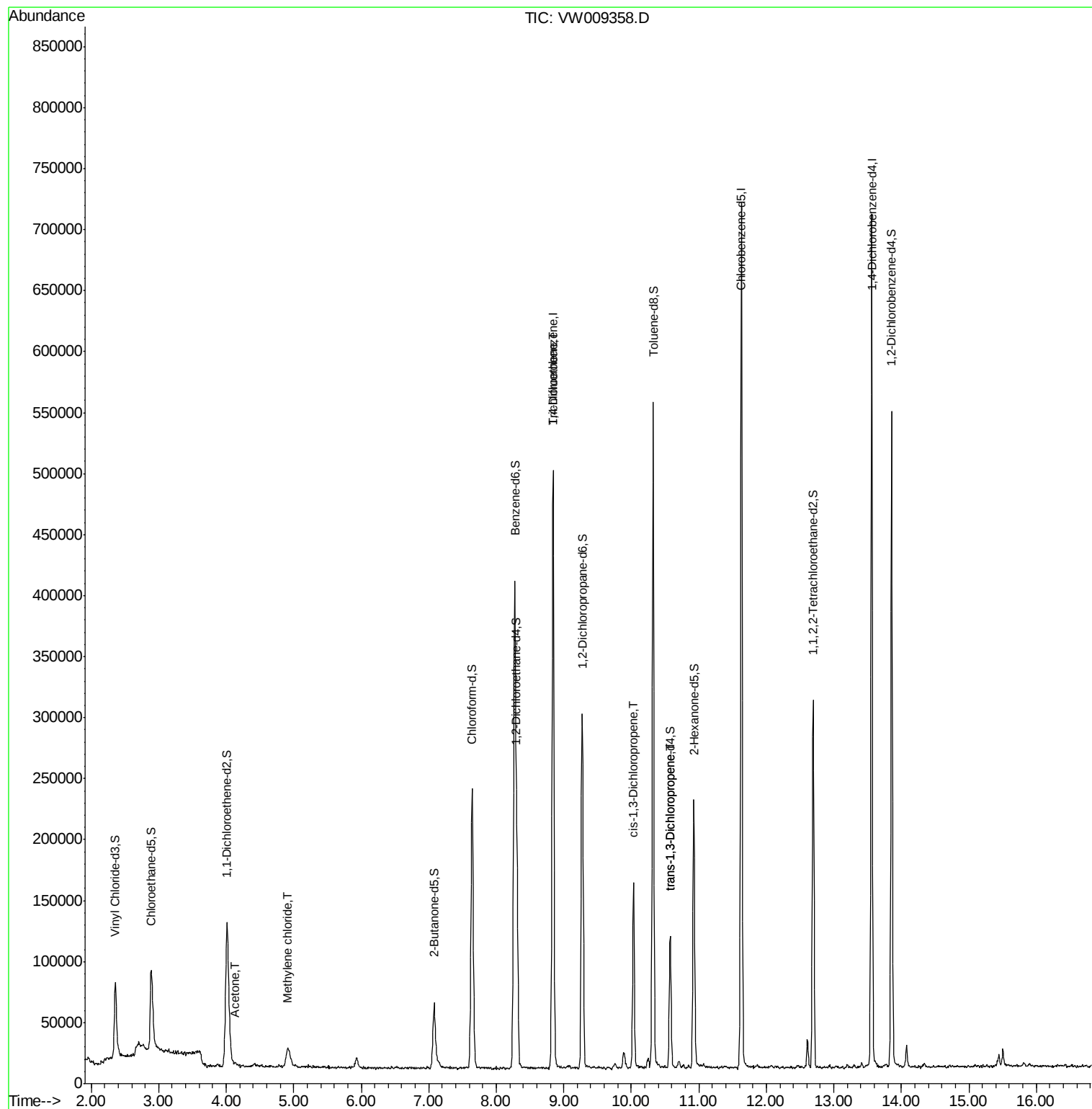
					Qvalue
13) Acetone	4.13	43	1256	0.804 ug/L	93
16) Methylene chloride	4.90	84	6682	1.189 ug/L	77
35) Trichloroethene	8.84	95	11646	2.137 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	4485	0.525 ug/L #	61
45) trans-1,3-Dichloropropene	10.57	75	3198	0.430 ug/L	94

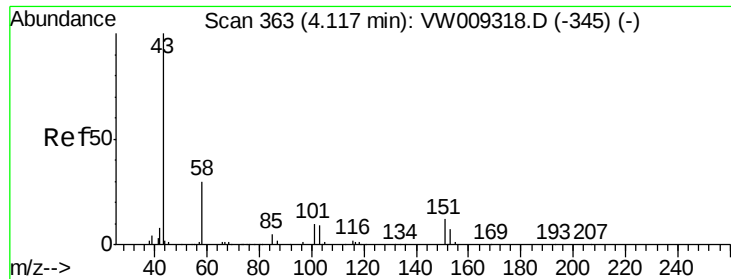
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
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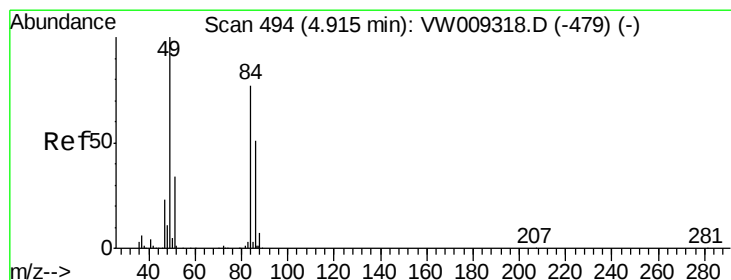
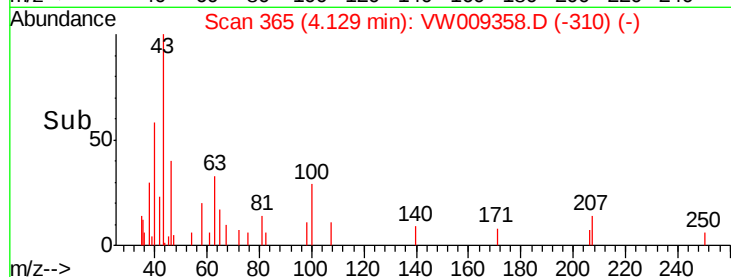
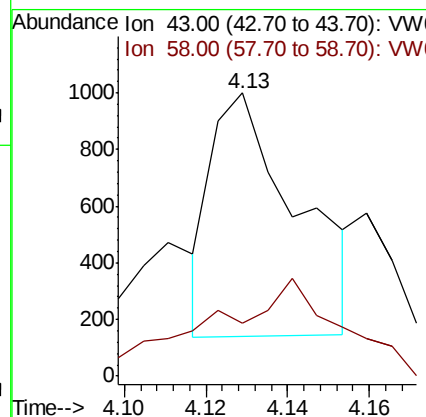
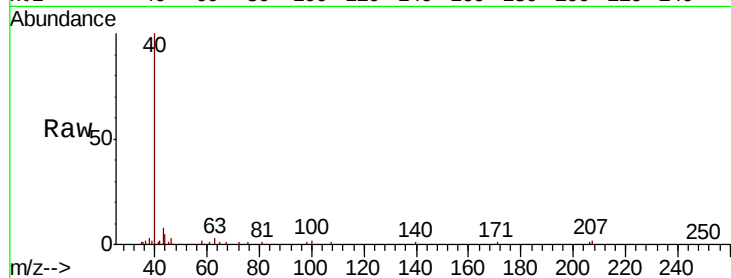




#13
Acetone
Concen: 0.804 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009358.D
Acq: 22 Mar 2019 19:38

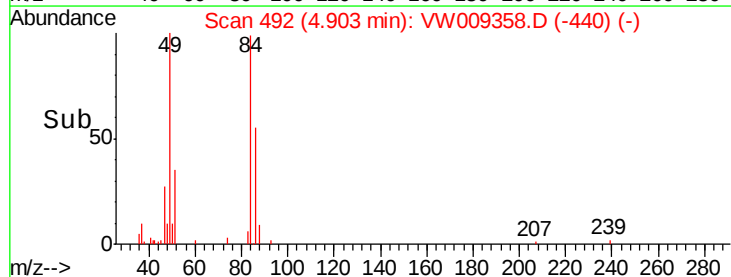
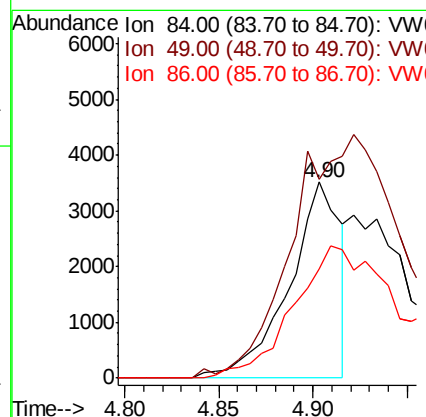
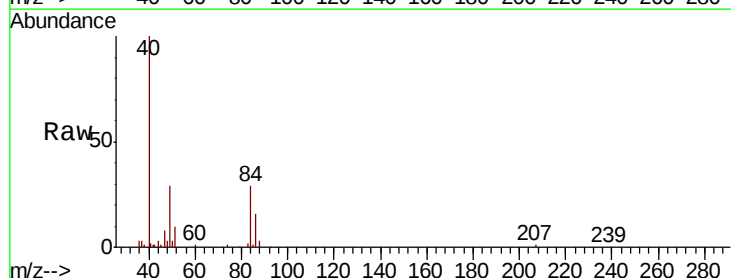
Instrument :
MSVOA_W
ClientSampled :
VIBLK12

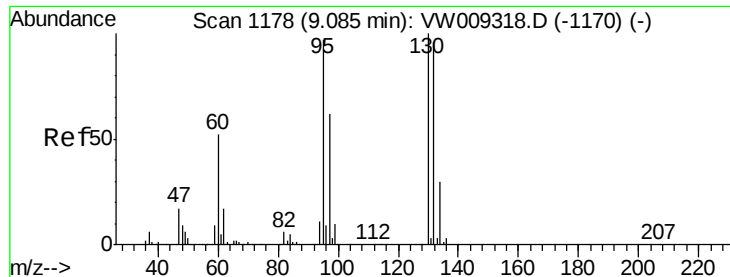
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 24.3 0.0 56.2



#16
Methylene chloride
Concen: 1.189 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009358.D
Acq: 22 Mar 2019 19:38

Tgt Ion: 84 Resp: 6682
Ion Ratio Lower Upper
84 100
49 101.4 96.0 178.2
86 56.0 44.4 82.5





#35

Trichloroethene

Concen: 2.137 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW009358.D

Acq: 22 Mar 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

VIBLK12

Tgt Ion: 95 Resp: 11646

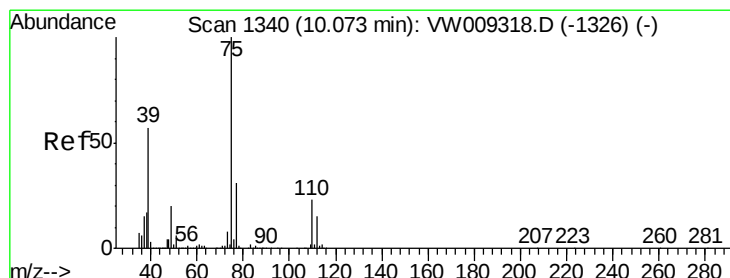
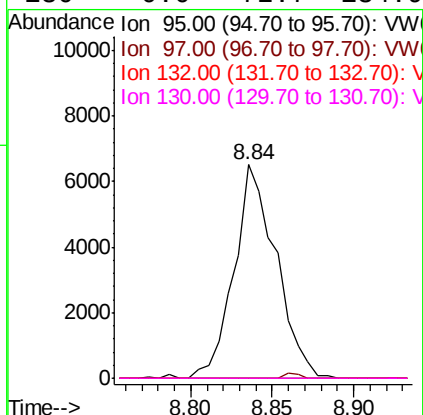
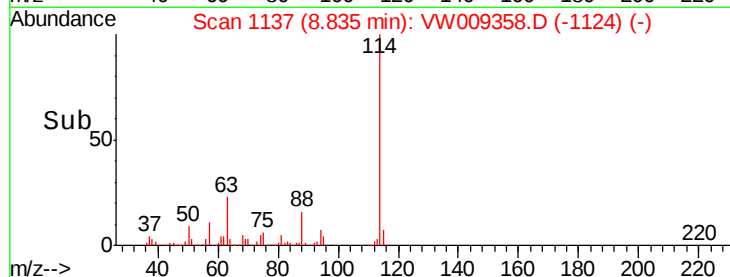
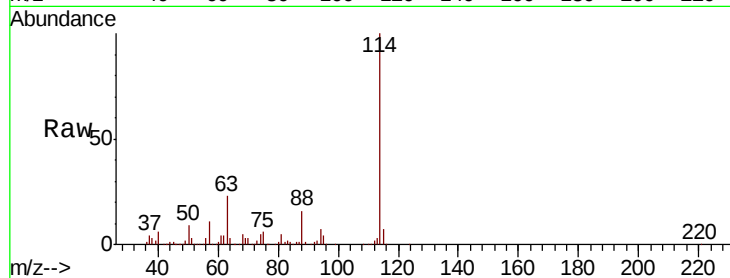
Ion Ratio Lower Upper

95 100

97 0.8 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009358.D

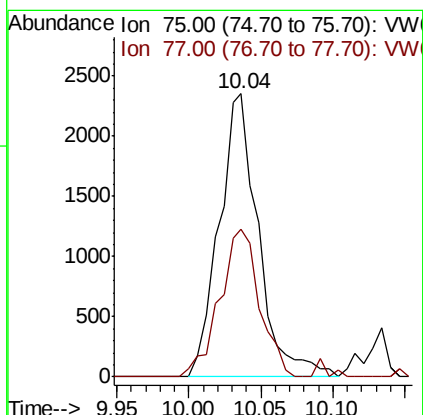
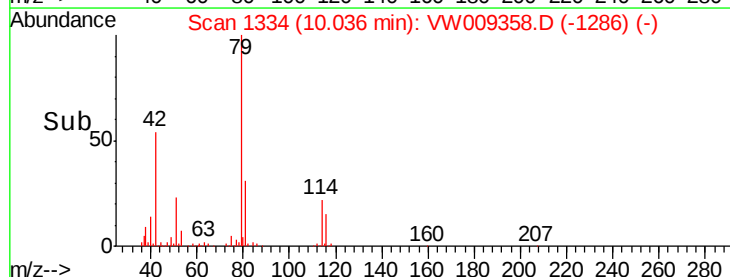
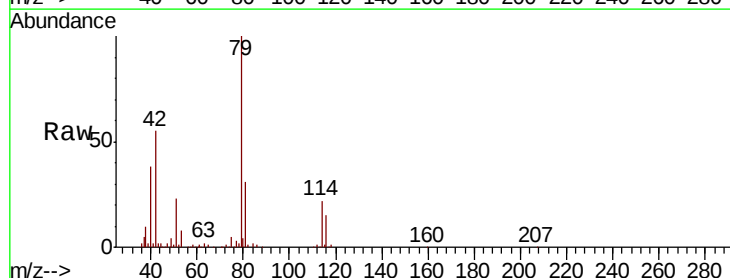
Acq: 22 Mar 2019 19:38

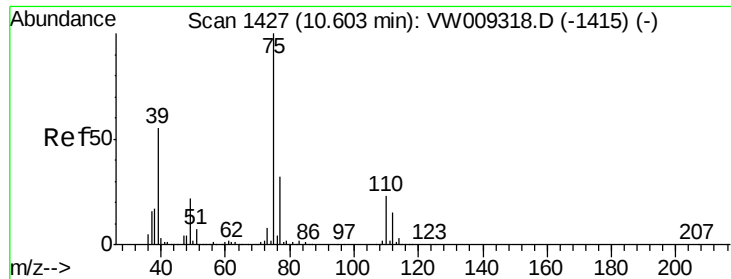
Tgt Ion: 75 Resp: 4485

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009358.D

Acq: 22 Mar 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

VIBLK12

Tgt Ion: 75 Resp: 3198

Ion Ratio Lower Upper

75 100

77 35.5 22.5 41.7

