

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009344.D
 Acq On : 22 Mar 2019 13:08
 Operator : SY/VA
 Sample : K2048-05
 Misc : 6.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F6

Quant Time: Mar 23 00:17:36 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	440515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	422549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117733	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	2.89	69	118783	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
10) 1,1-Dichloroethene-d2	4.01	63	187815	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.08	46	92483	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
24) Chloroform-d	7.65	84	272704	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.30	65	168227	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.27	84	505203	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	159478	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
37) Toluene-d8	10.32	98	451822	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	10.58	79	71047	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	70733	41.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153664	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	177582	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

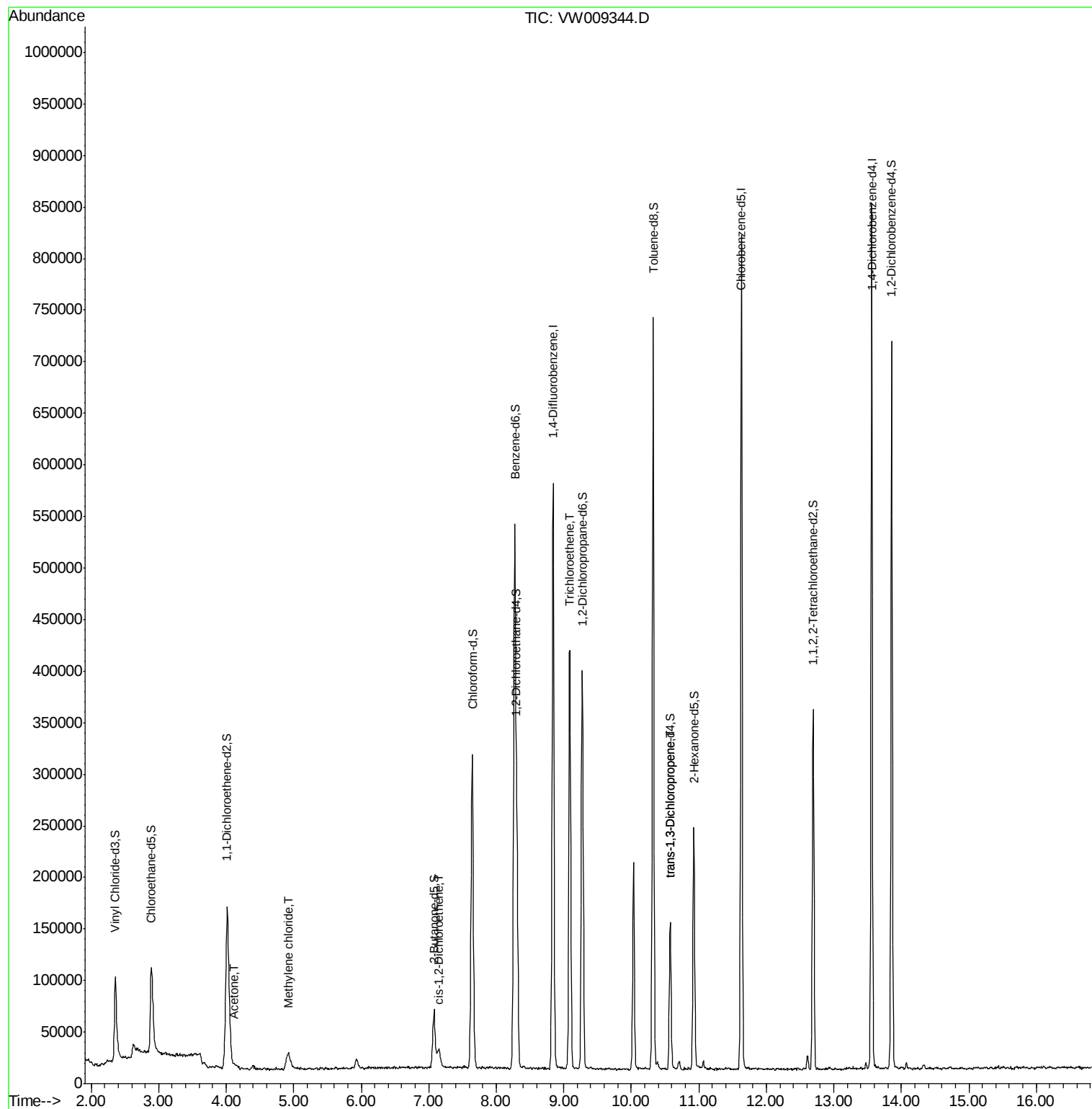
					Qvalue
13) Acetone	4.12	43	1501	0.841 ug/L	87
16) Methylene chloride	4.92	84	10246	1.595 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	2064	0.334 ug/L	91
35) Trichloroethene	9.09	95	128535	20.857 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	3819	0.454 ug/L #	82

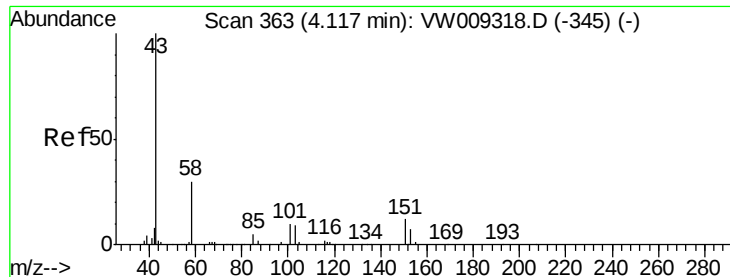
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.841 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009344.D

Acq: 22 Mar 2019 13:08

Instrument :

MSVOA_W

ClientSampled :

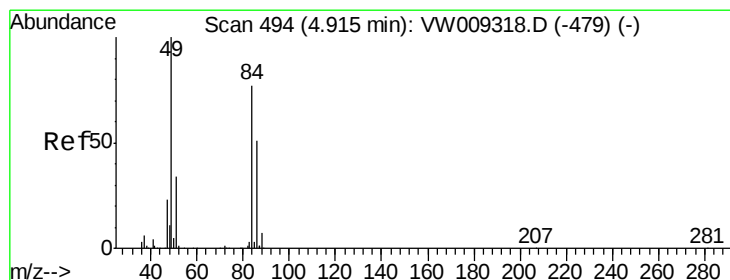
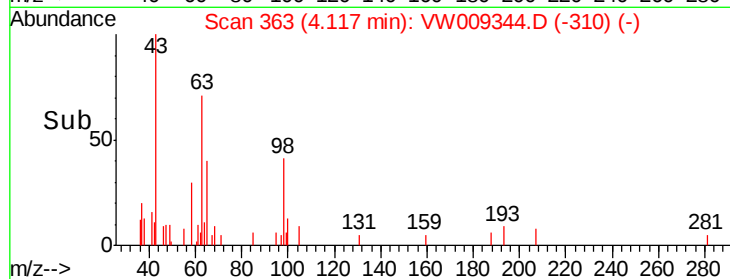
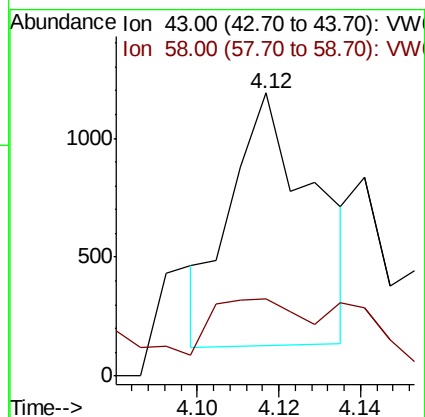
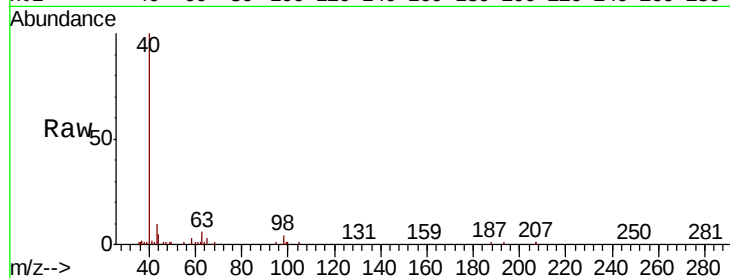
BF0F6

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

58 35.0 0.0 56.2



#16

Methylene chloride

Concen: 1.595 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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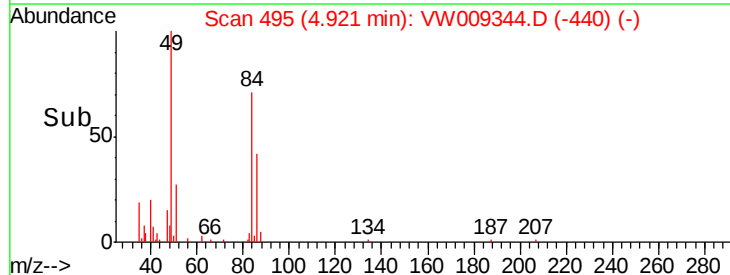
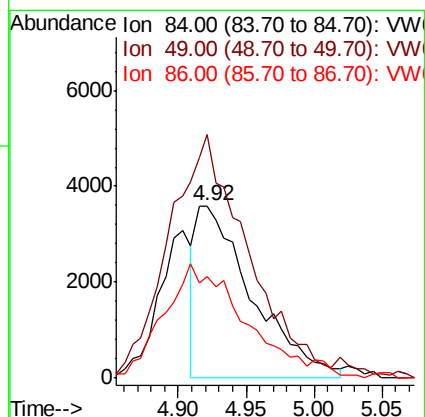
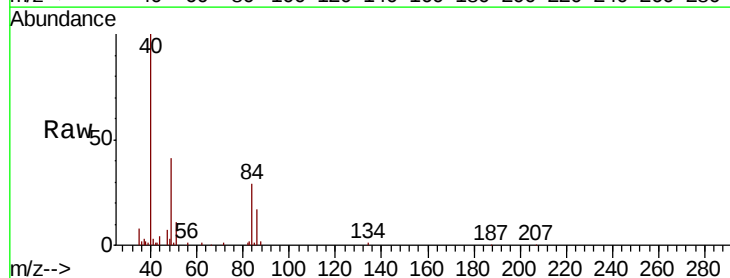
Tgt Ion: 84 Resp: 10246

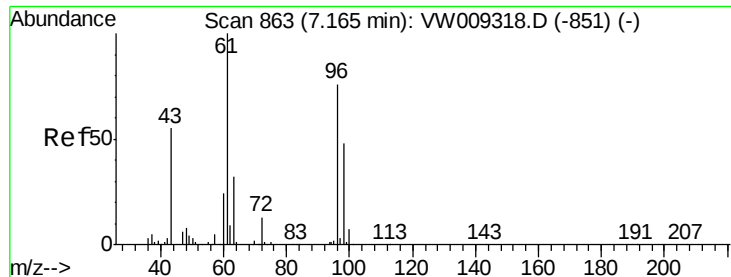
Ion Ratio Lower Upper

84 100

49 141.1 96.0 178.2

86 58.7 44.4 82.5



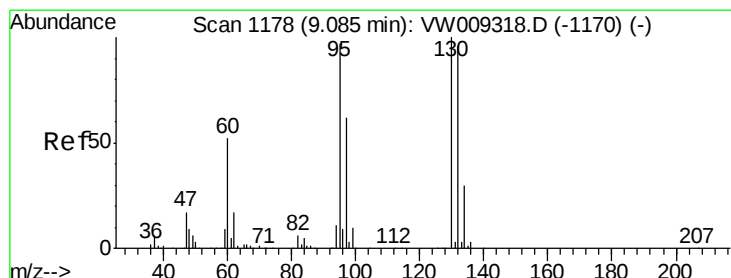
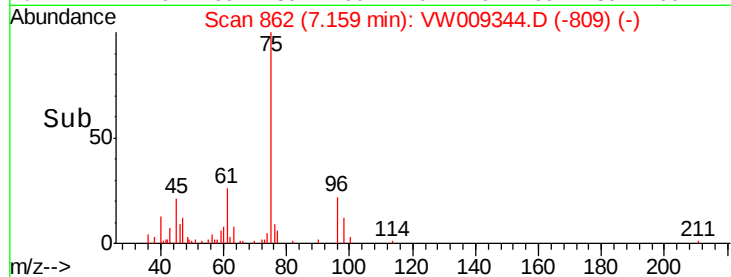
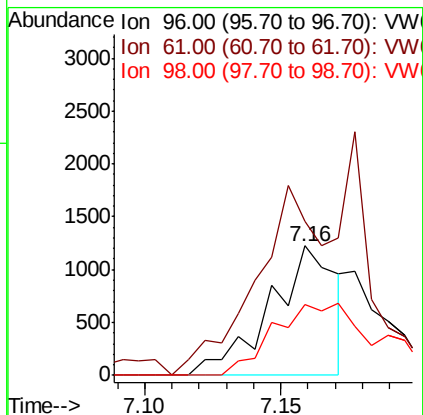
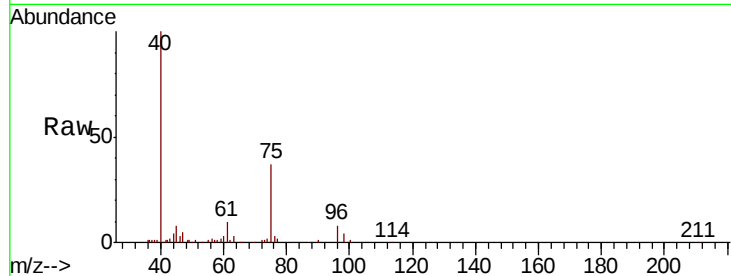


#22

cis-1,2-Dichloroethene
 Concen: 0.334 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
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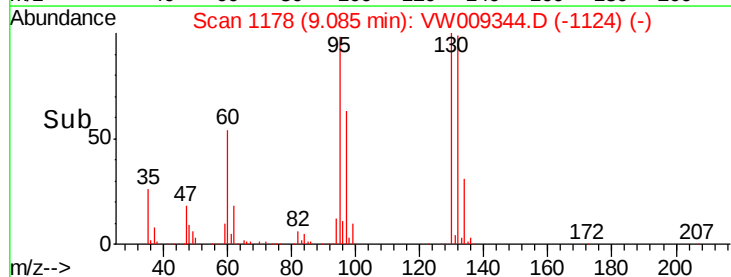
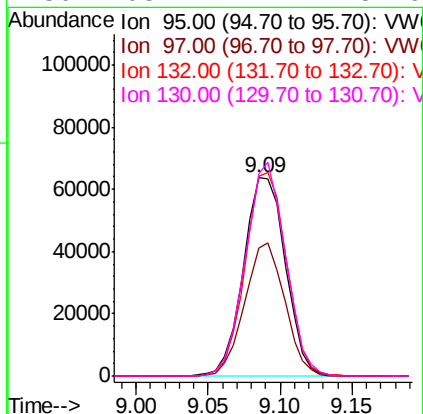
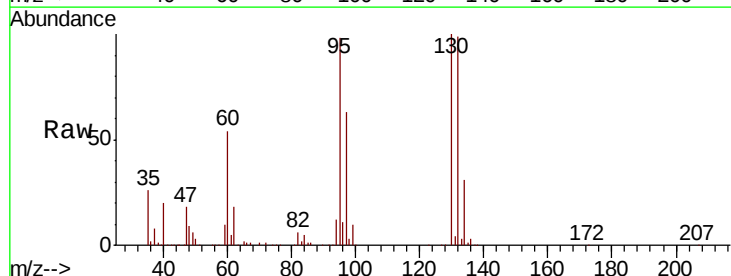
Tgt Ion: 96 Resp: 2064
 Ion Ratio Lower Upper
 96 100
 61 119.3 90.6 168.3
 98 54.6 44.0 81.8

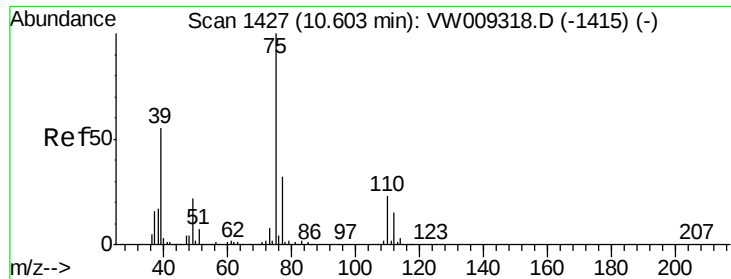


#35

Trichloroethene
 Concen: 20.857 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009344.D
 Acq: 22 Mar 2019 13:08

Tgt Ion: 95 Resp: 128535
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.7 82.9
 132 100.7 69.0 128.2
 130 103.1 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009344.D

Acq: 22 Mar 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

BF0F6

Tgt Ion: 75 Resp: 3819

Ion Ratio Lower Upper

75 100

77 41.9 22.5 41.7#

