

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009858.D
 Acq On : 10 Apr 2019 01:01
 Operator : SY/VA
 Sample : K2327-17
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF146

Quant Time: Apr 10 04:47:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	500133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	493809	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133894	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	2.89	69	126980	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.72%
10) 1,1-Dichloroethene-d2	4.14	63	712	0.05	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.20%#
20) 2-Butanone-d5	7.08	46	133328	62.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.48%
24) Chloroform-d	7.65	84	366777	26.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	8.31	65	236445	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.88%
29) Benzene-d6	8.27	84	665021	25.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.60%
33) 1,2-Dichloropropane-d6	9.27	67	212347	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.08%
37) Toluene-d8	10.32	98	579561	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.58	79	93255	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.68%
39) 2-Hexanone-d5	10.93	63	95675	63.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	205591	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	216595	29.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.56%

Target Compounds

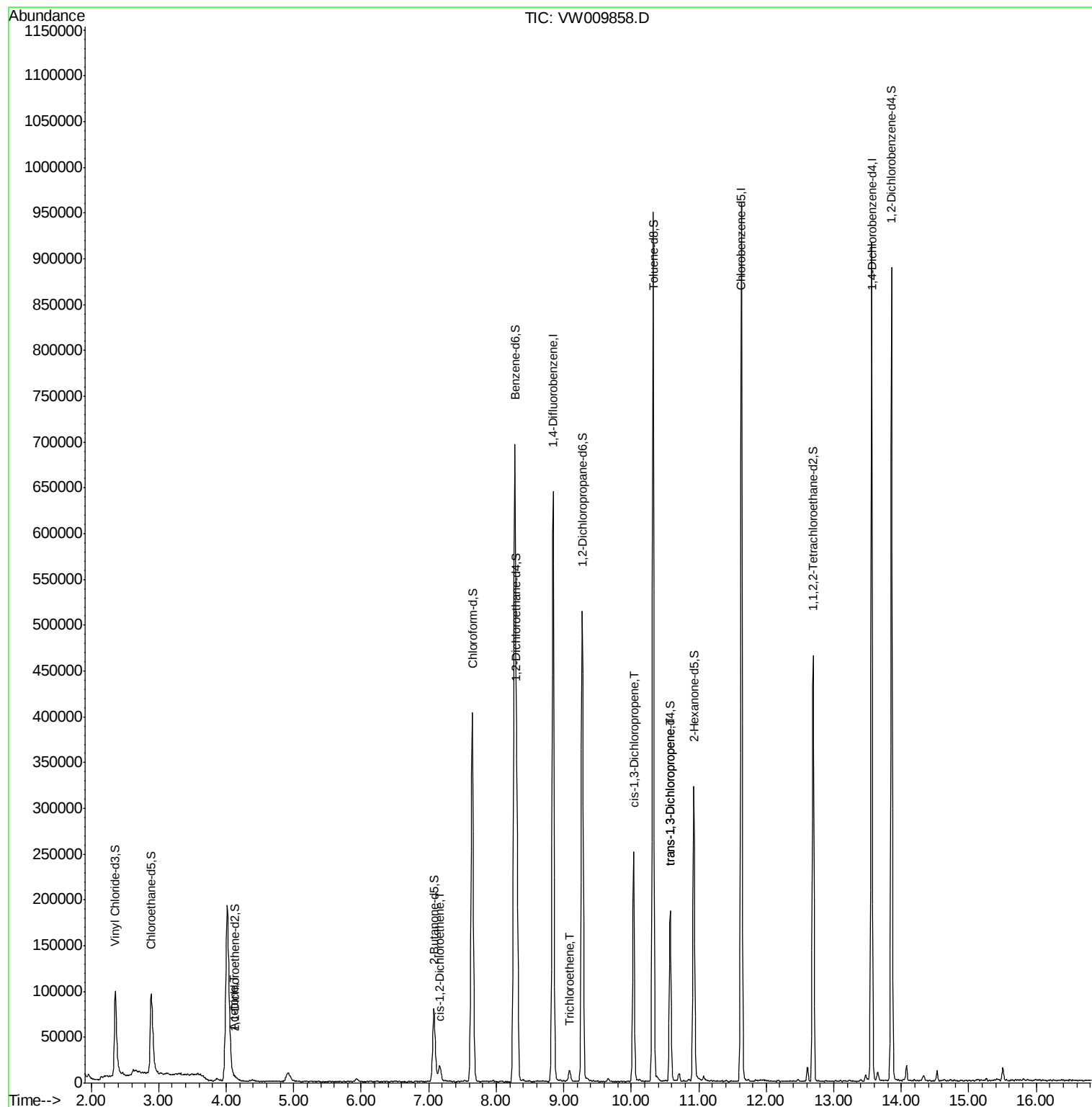
					Qvalue
13) Acetone	4.12	43	1542	0.677 ug/L	83
22) cis-1,2-Dichloroethene	7.16	96	8099	1.096 ug/L	96
35) Trichloroethene	9.09	95	3082	0.396 ug/L #	91
42) cis-1,3-Dichloropropene	10.04	75	7181	0.609 ug/L #	57
45) trans-1,3-Dichloropropene	10.57	75	5550	0.546 ug/L	85

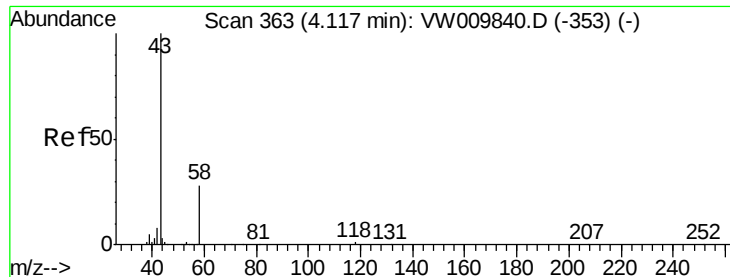
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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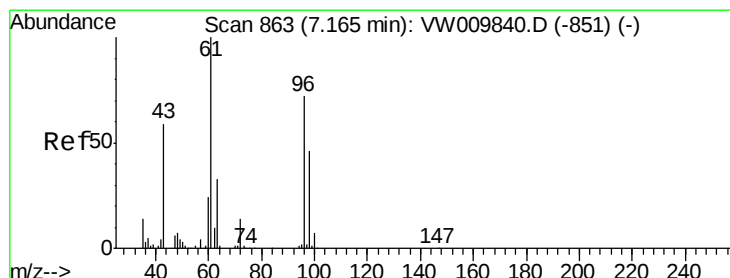
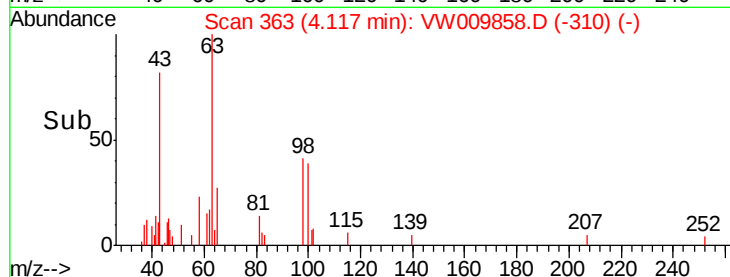
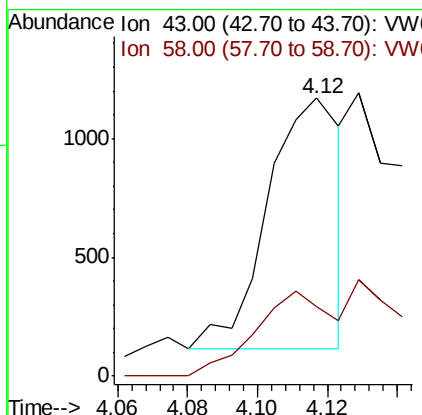
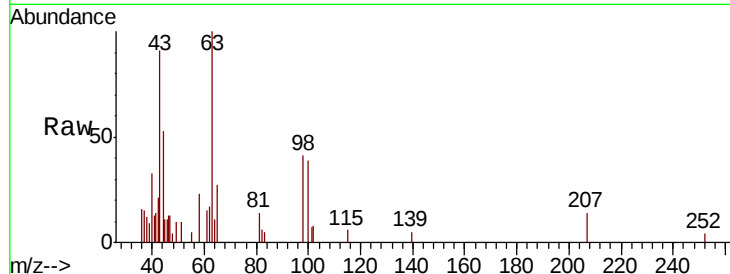




#13
Acetone
Concen: 0.677 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009858.D
Acq: 10 Apr 2019 01:01

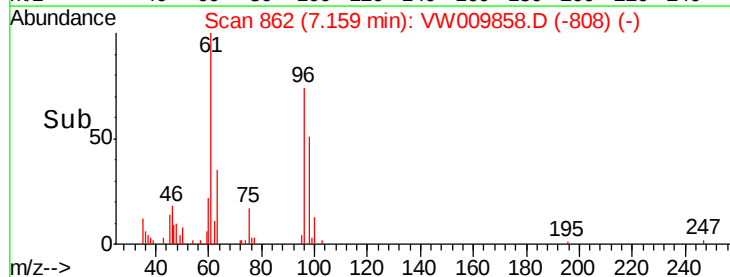
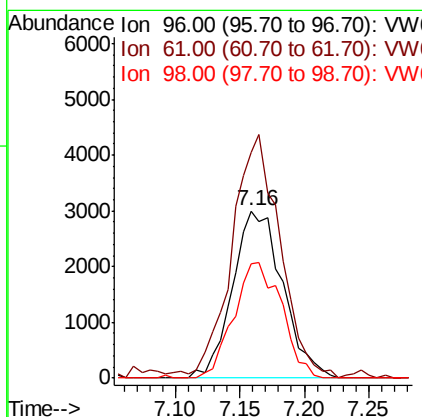
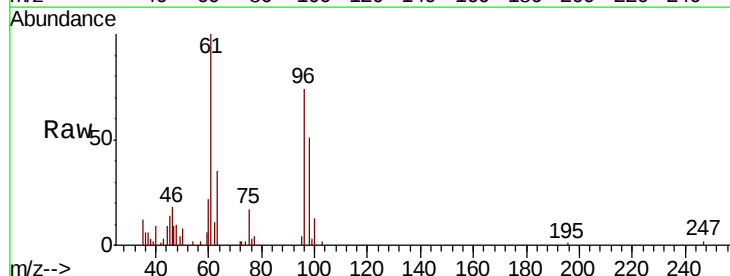
Instrument :
MSVOA_W
ClientSampled :
BF146

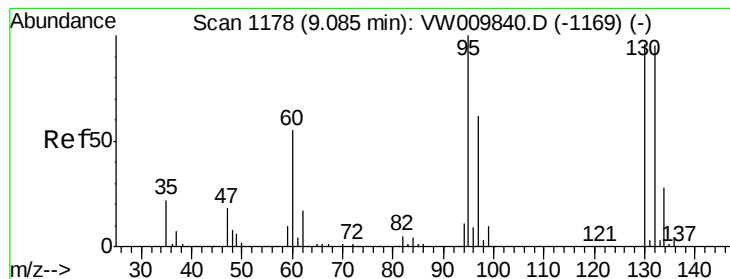
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 35.4 0.0 53.0



#22
cis-1,2-Dichloroethene
Concen: 1.096 ug/L
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009858.D
Acq: 10 Apr 2019 01:01

Tgt Ion: 96 Resp: 8099
Ion Ratio Lower Upper
96 100
61 135.1 96.8 179.8
98 68.4 43.5 80.9





#35

Trichloroethene

Concen: 0.396 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009858.D

Acq: 10 Apr 2019 01:01

Instrument :

MSVOA_W

ClientSampleId :

BF146

Tgt Ion: 95 Resp: 3082

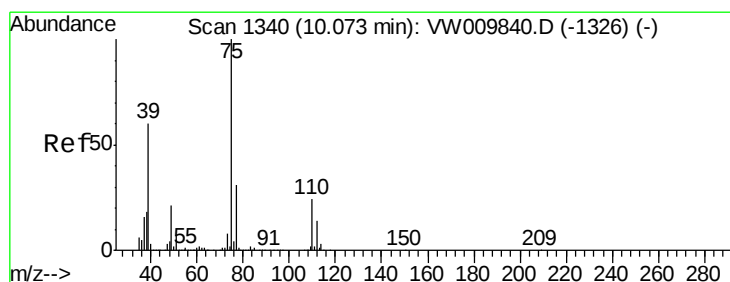
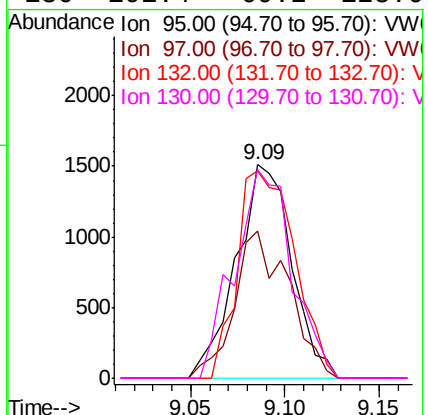
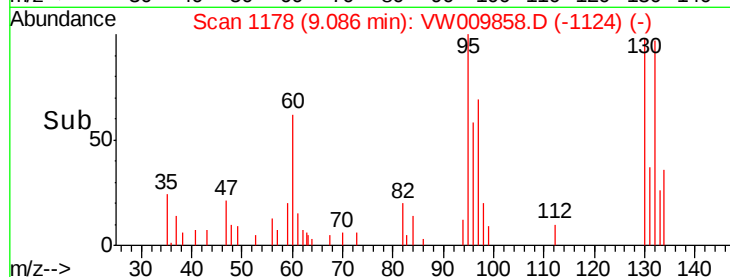
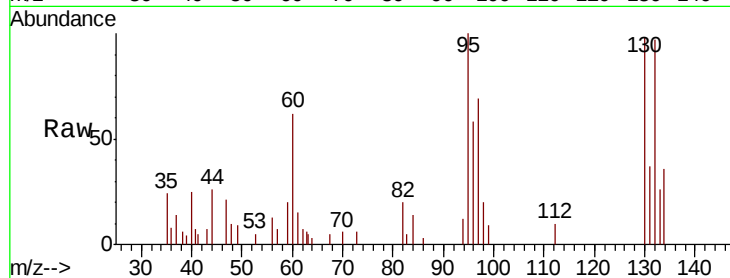
Ion Ratio Lower Upper

95 100

97 43.5 44.9 83.5#

132 100.4 67.1 124.7

130 101.4 69.2 128.6



#42

cis-1,3-Dichloropropene

Concen: 0.609 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009858.D

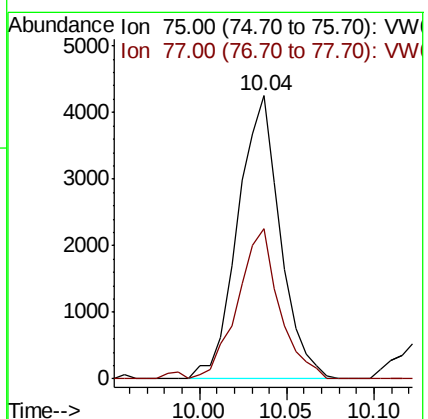
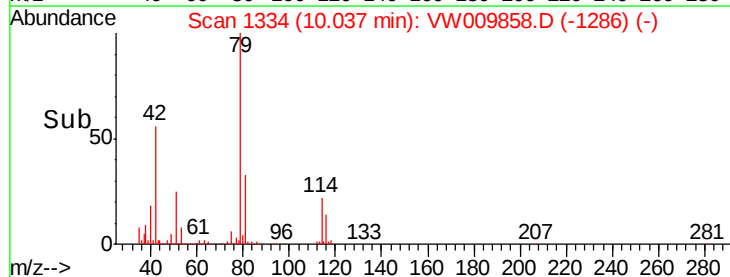
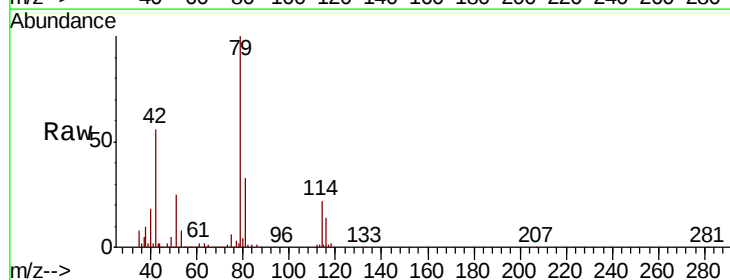
Acq: 10 Apr 2019 01:01

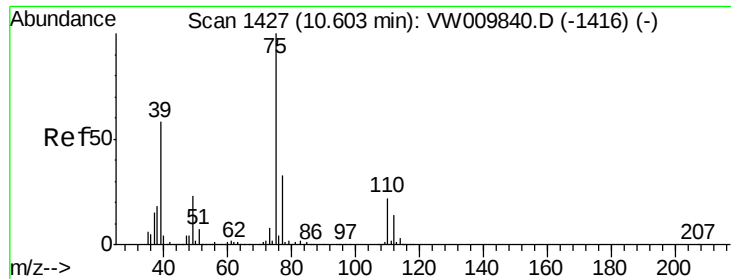
Tgt Ion: 75 Resp: 7181

Ion Ratio Lower Upper

75 100

77 53.3 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009858.D

Acq: 10 Apr 2019 01:01

Instrument :

MSVOA_W

ClientSampleId :

BF146

Tgt Ion: 75 Resp: 5550

Ion Ratio Lower Upper

75 100

77 38.1 21.1 39.3

