

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009853.D
 Acq On : 09 Apr 2019 22:45
 Operator : SY/VA
 Sample : K2327-18
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF147

Quant Time: Apr 10 04:46:40 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	534057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517650	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139349	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
7) Chloroethane-d5	2.89	69	132789	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.01	63	262711	17.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.92%
20) 2-Butanone-d5	7.07	46	119322	52.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.18%
24) Chloroform-d	7.65	84	384385	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.31	65	242254	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.32%
29) Benzene-d6	8.27	84	692016	25.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.88%
33) 1,2-Dichloropropane-d6	9.27	67	220718	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.32	98	605452	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.40%
38) trans-1,3-Dichloropropene-	10.58	79	92292	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.93	63	78965	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	204860	26.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	221785	28.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.80%

Target Compounds

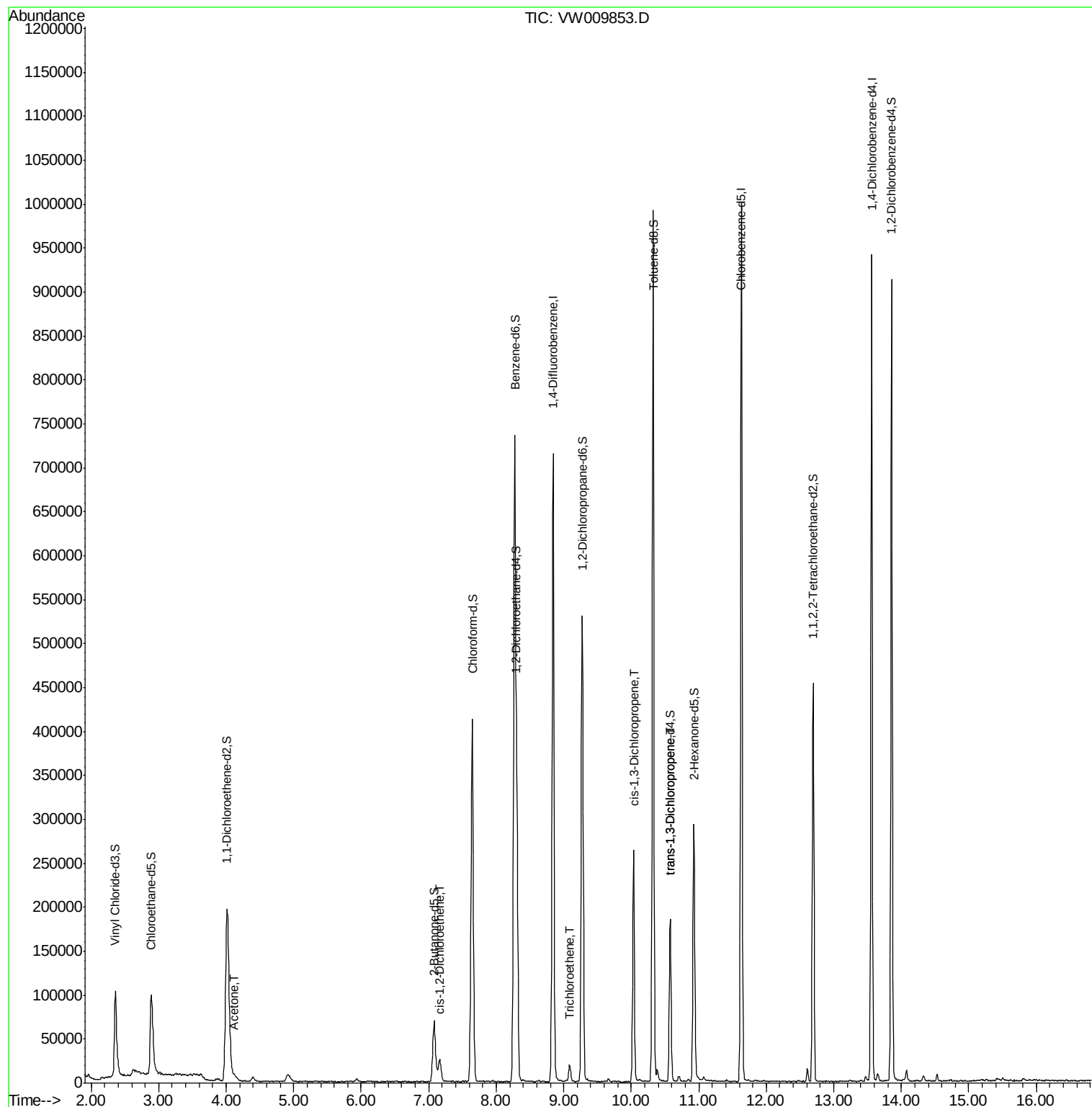
					Qvalue
13) Acetone	4.12	43	4302	1.770 ug/L	56
22) cis-1,2-Dichloroethene	7.17	96	11885	1.506 ug/L	81
35) Trichloroethene	9.09	95	5367	0.658 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	7349	0.595 ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	4864	0.457 ug/L #	63

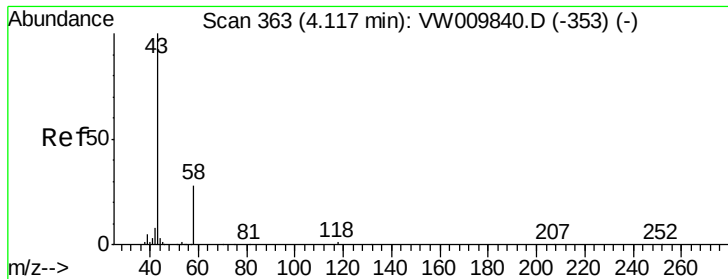
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.770 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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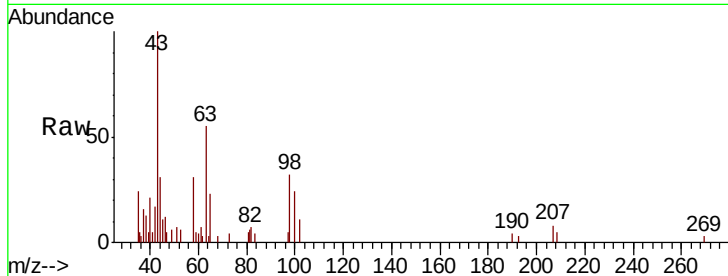
BF147

Tgt Ion: 43 Resp: 4302

Ion Ratio Lower Upper

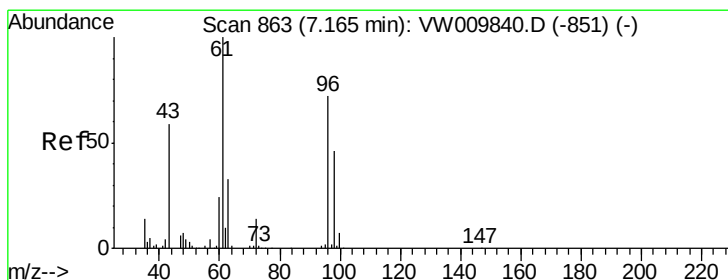
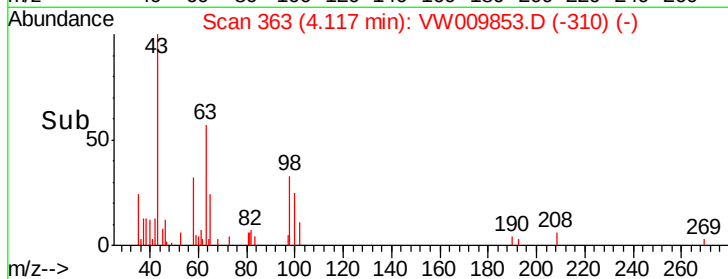
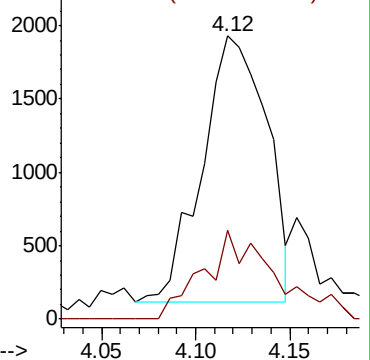
43 100

58 3.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 1.506 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

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Acq: 09 Apr 2019 22:45

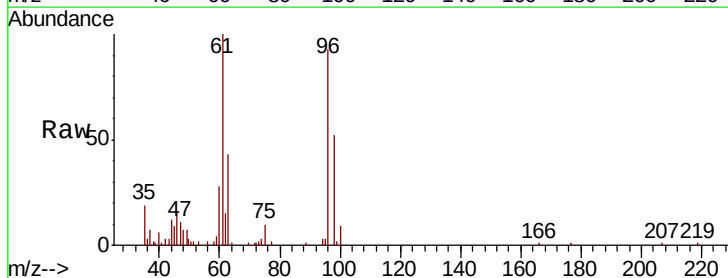
Tgt Ion: 96 Resp: 11885

Ion Ratio Lower Upper

96 100

61 108.1 96.8 179.8

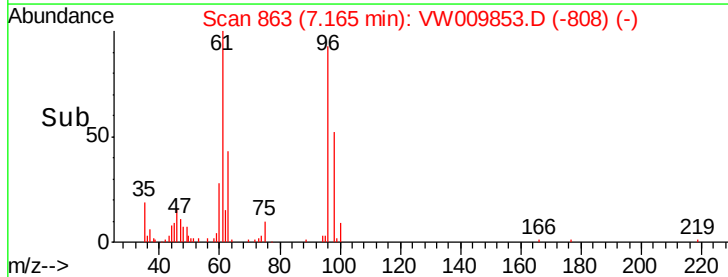
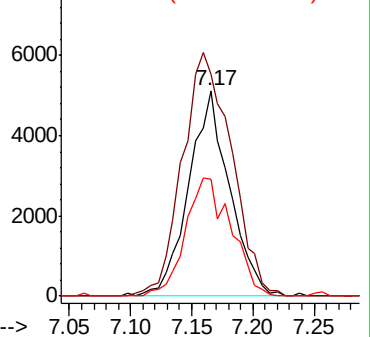
98 56.7 43.5 80.9

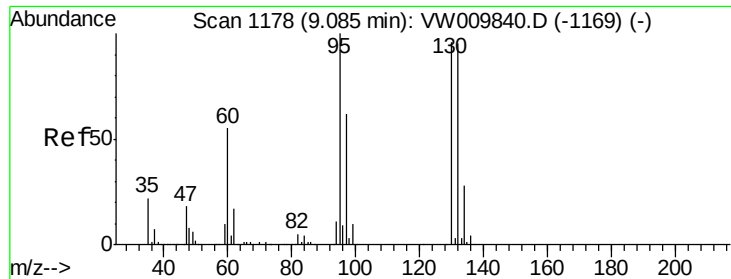


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 0.658 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009853.D

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Instrument :

MSVOA_W

ClientSampleId :

BF147

Tgt Ion: 95 Resp: 5367

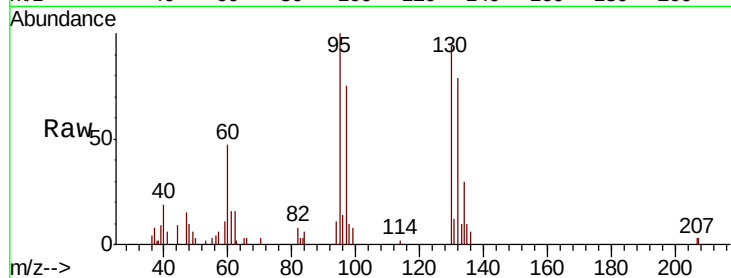
Ion Ratio Lower Upper

95 100

97 69.3 44.9 83.5

132 89.2 67.1 124.7

130 96.6 69.2 128.6



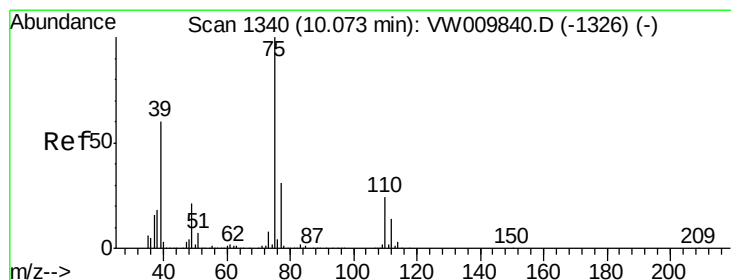
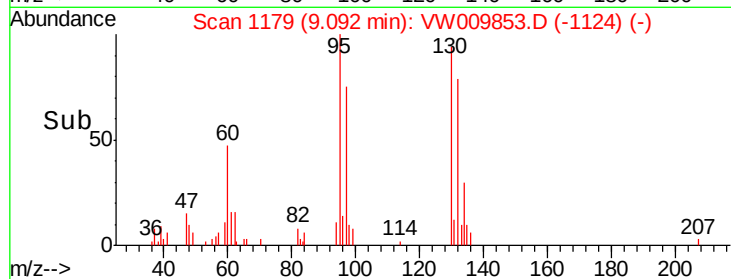
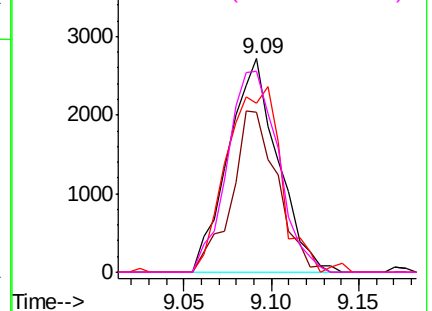
Abundance

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: 0.595 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009853.D

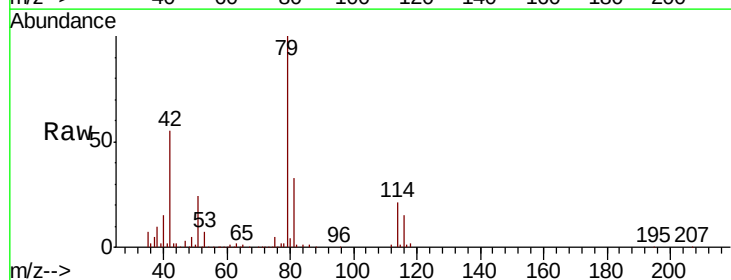
Acq: 09 Apr 2019 22:45

Tgt Ion: 75 Resp: 7349

Ion Ratio Lower Upper

75 100

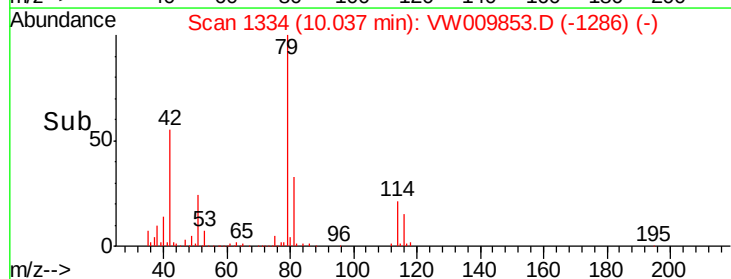
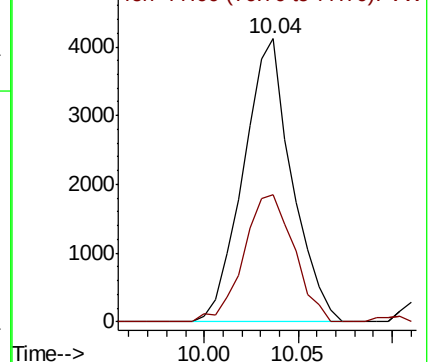
77 44.9 21.0 39.0#

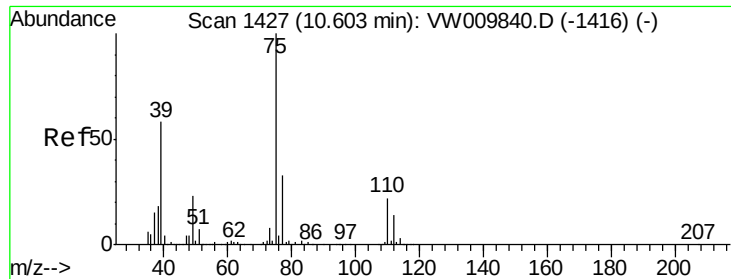


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009853.D

Acq: 09 Apr 2019 22:45

Instrument :

MSVOA_W

ClientSampleId :

BF147

Tgt Ion: 75 Resp: 4864

Ion Ratio Lower Upper

75 100

77 50.2 21.1 39.3#

