

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009708.D
 Acq On : 05 Apr 2019 03:26
 Operator : SY/VA
 Sample : K2276-06
 Misc : 4.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF133

Quant Time: Apr 05 05:43:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378175	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160140	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123549	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.88%
7) Chloroethane-d5	2.89	69	115418	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
10) 1,1-Dichloroethene-d2	4.01	63	206839	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.76%
20) 2-Butanone-d5	7.07	46	85494	53.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.42%
24) Chloroform-d	7.64	84	271105	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	8.30	65	172201	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.72%
29) Benzene-d6	8.27	84	501200	25.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.84%
33) 1,2-Dichloropropane-d6	9.27	67	156498	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.00%
37) Toluene-d8	10.32	98	456944	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.44%
38) trans-1,3-Dichloropropene-	10.58	79	66679	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.93	63	56476	49.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137915	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	160254	28.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.08%

Target Compounds

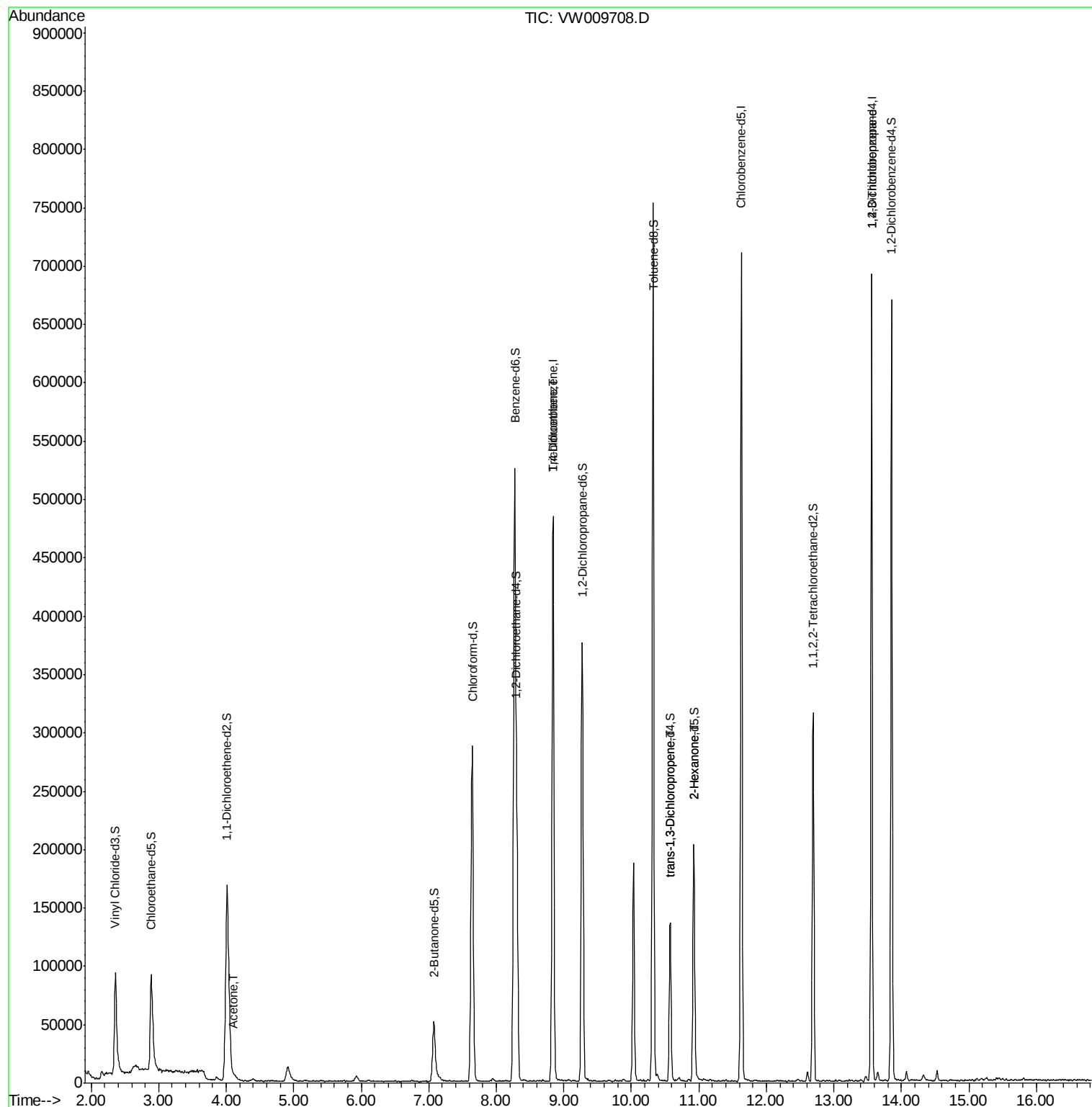
					Qvalue
13) Acetone	4.11	43	2390	1.388 ug/L	88
35) Trichloroethene	8.84	95	12055	2.062 ug/L #	6
45) trans-1,3-Dichloropropene	10.57	75	3742	0.490 ug/L	89
49) 2-Hexanone	10.93	43	10140	3.066 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	22246	5.178 ug/L	89

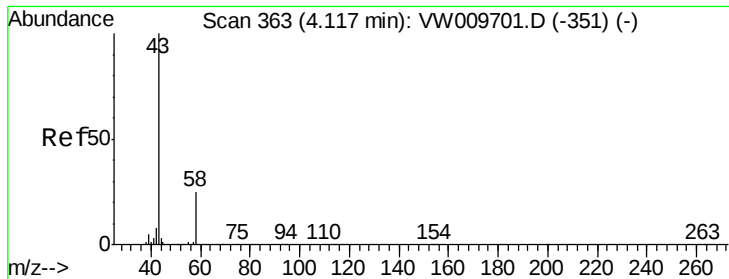
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.388 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009708.D

Acq: 05 Apr 2019 03:26

Instrument :

MSVOA_W

ClientSampled :

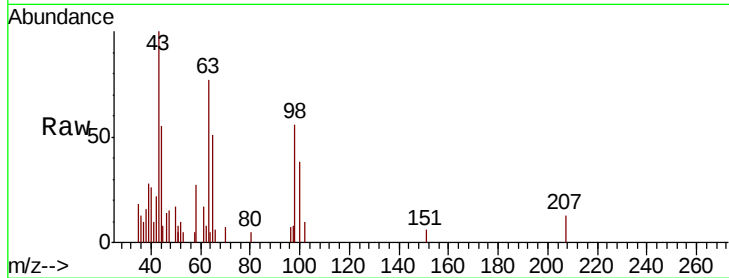
BF133

Tgt Ion: 43 Resp: 2390

Ion Ratio Lower Upper

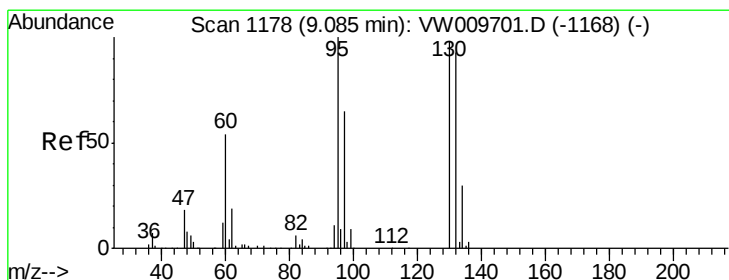
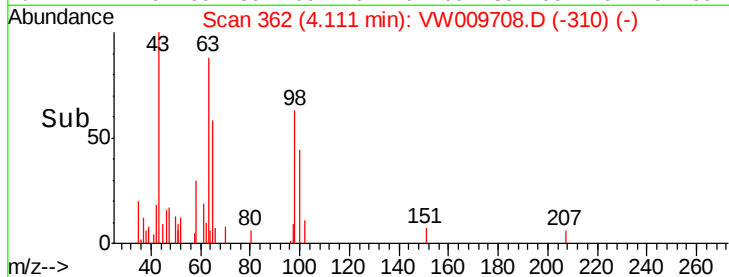
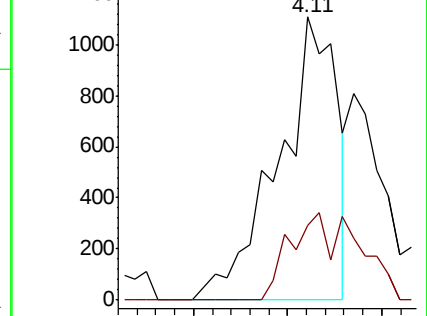
43 100

58 20.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.062 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009708.D

Acq: 05 Apr 2019 03:26

Tgt Ion: 95 Resp: 12055

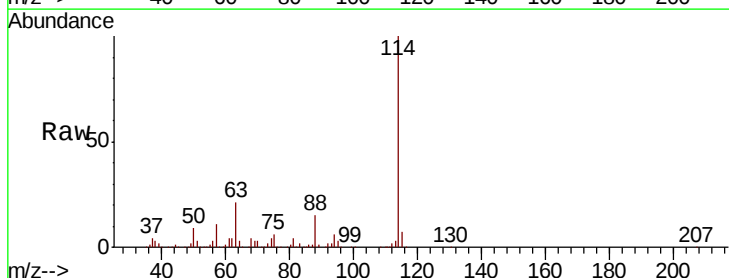
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.7 67.1 124.7#

130 0.3 69.2 128.6#

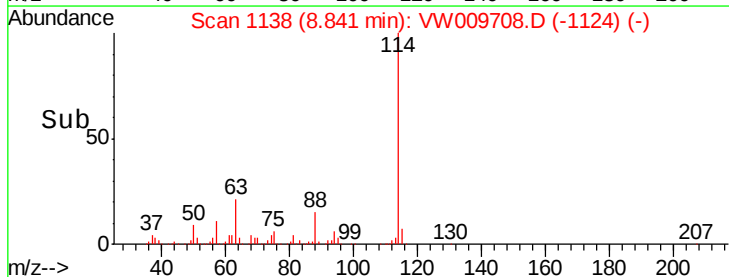
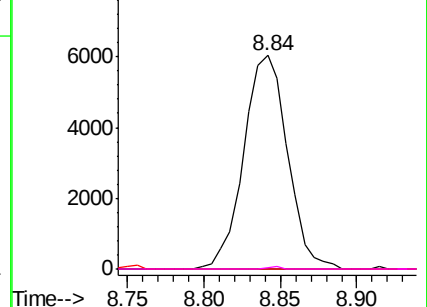


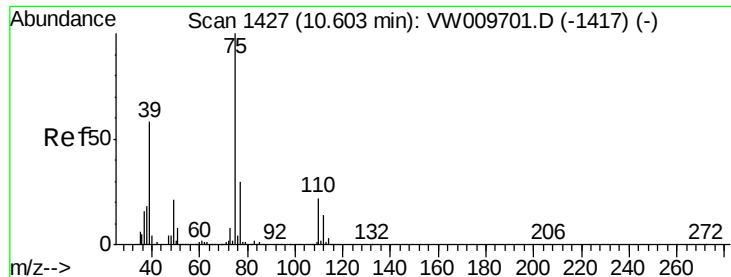
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#45

trans-1,3-Dichloropropene

Concen: 0.490 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009708.D

Acq: 05 Apr 2019 03:26

Instrument :

MSVOA_W

ClientSampled :

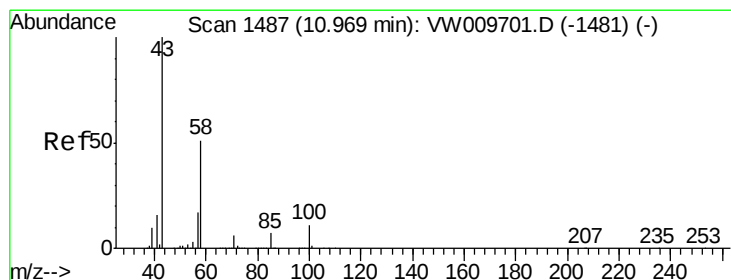
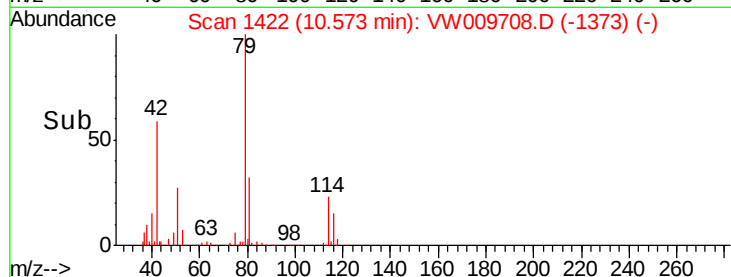
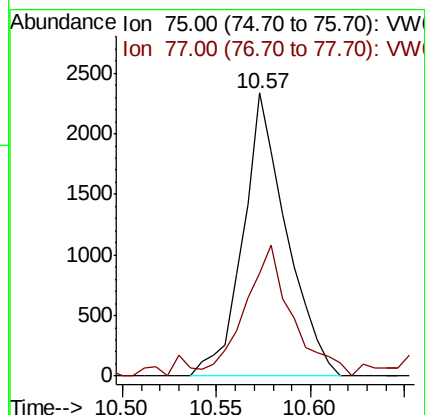
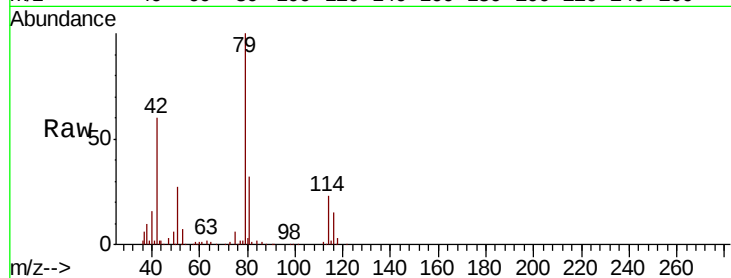
BF133

Tgt Ion: 75 Resp: 3742

Ion Ratio Lower Upper

75 100

77 36.3 21.1 39.3



#49

2-Hexanone

Concen: 3.066 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009708.D

Acq: 05 Apr 2019 03:26

Tgt Ion: 43 Resp: 10140

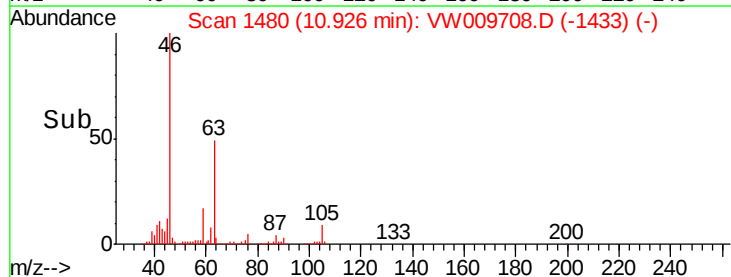
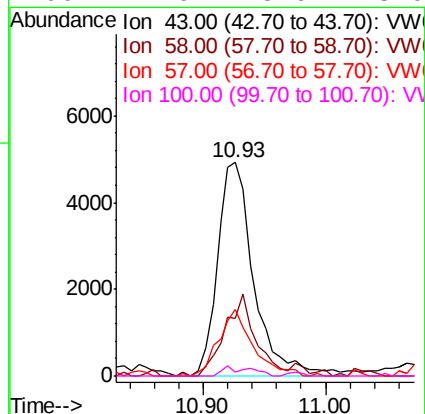
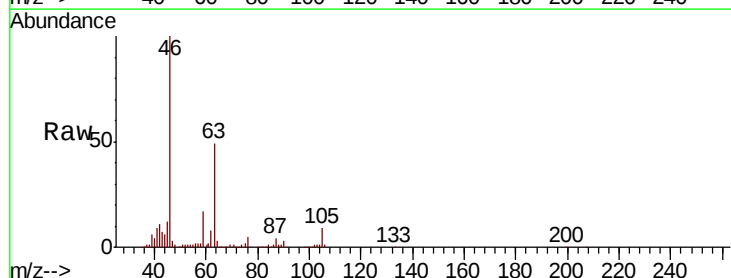
Ion Ratio Lower Upper

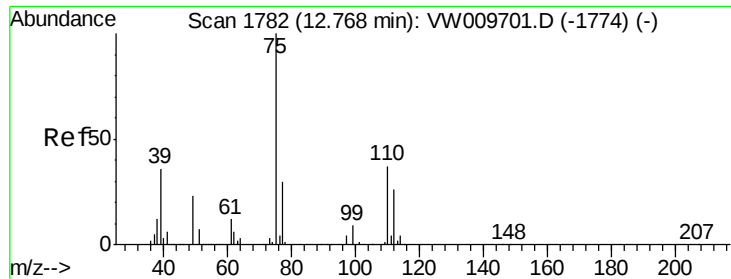
43 100

58 32.5 38.9 58.3#

57 28.5 13.8 20.6#

100 1.9 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 5.178 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009708.D

Acq: 05 Apr 2019 03:26

Instrument :

MSVOA_W

ClientSampleId :

BF133

Tgt Ion: 75 Resp: 22246

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2

