

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009863.D
 Acq On : 10 Apr 2019 05:33
 Operator : SY/VA
 Sample : K2278-06
 Misc : 3.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6X3

Quant Time: Apr 10 06:07:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 06:04:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	482307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204539	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106117	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.96%
7) Chloroethane-d5	2.89	69	108879	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.08%
10) 1,1-Dichloroethene-d2	4.01	63	204951	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	7.08	46	123889	61.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.16%
24) Chloroform-d	7.65	84	331960	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	8.30	65	218970	27.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.52%
29) Benzene-d6	8.27	84	583918	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	193816	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	10.32	98	503700	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.08%
38) trans-1,3-Dichloropropene-	10.58	79	80728	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	81269	55.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192533	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	194322	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

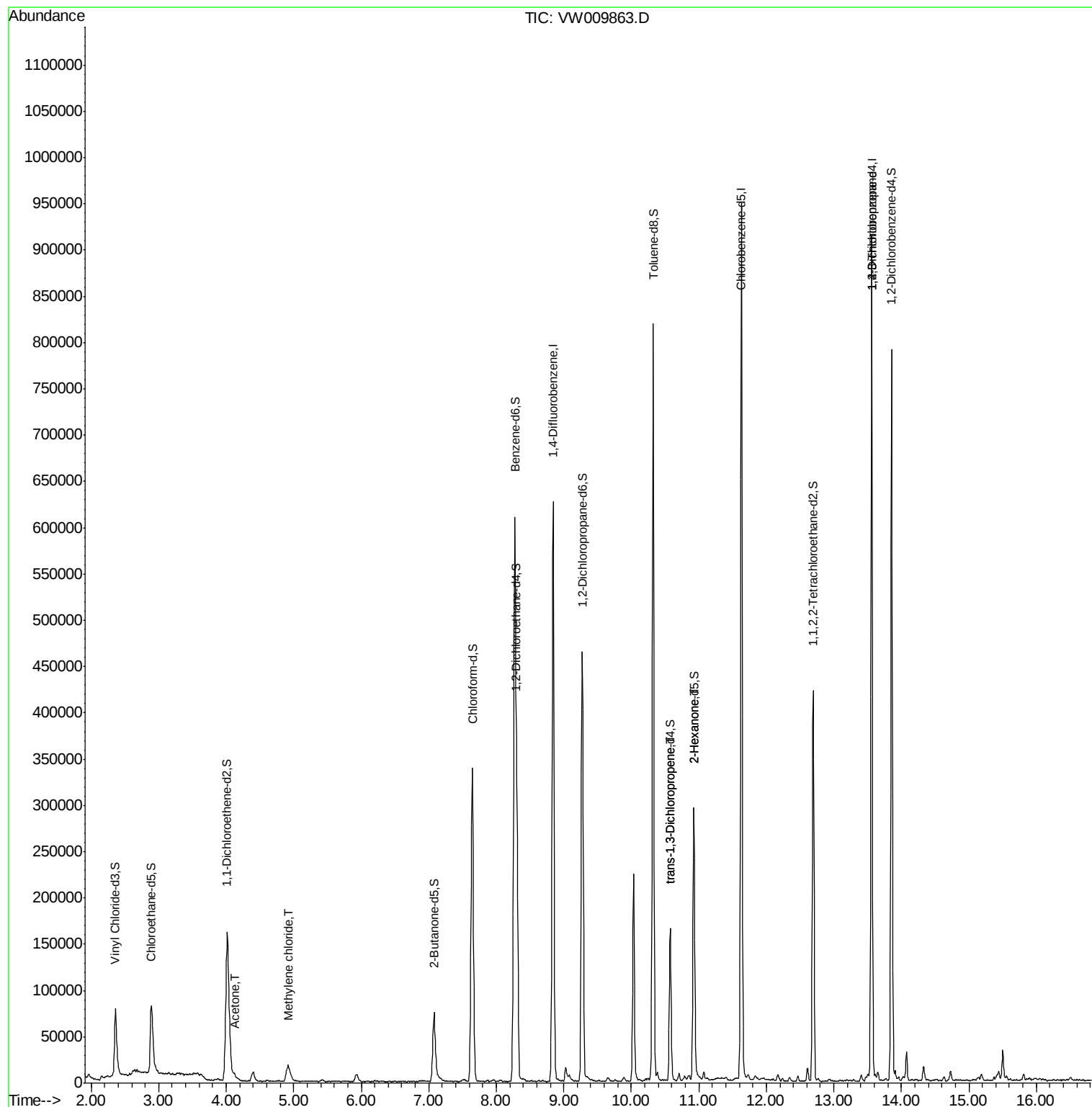
					Qvalue
13) Acetone	4.12	43	7467	3.436 ug/L	95
16) Methylene chloride	4.92	84	13644	1.620 ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	5482	0.553 ug/L	98
49) 2-Hexanone	10.93	43	14630	3.405 ug/L #	73
59) 1,2,3-Trichloropropane	13.56	75	28835	5.167 ug/L	90

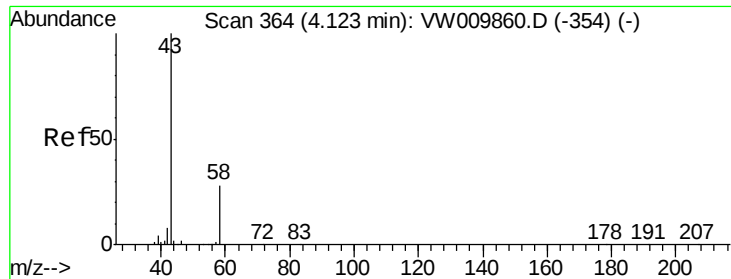
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 06:04:24 2019
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#13

Acetone

Concen: 3.436 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

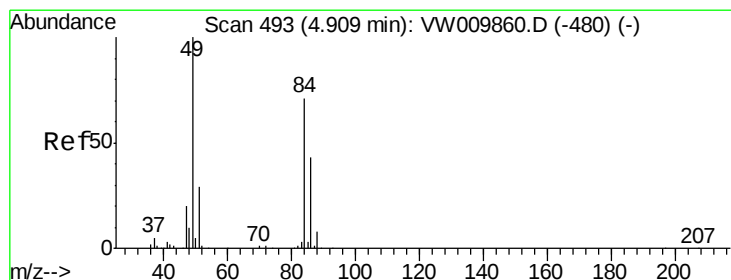
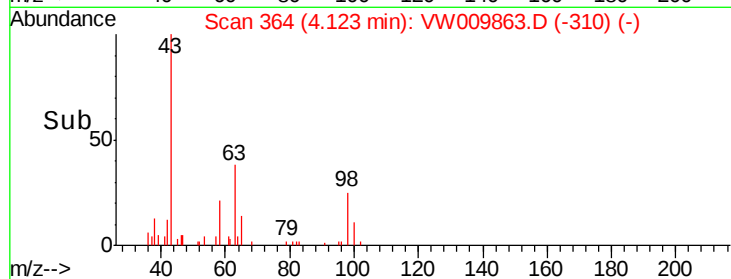
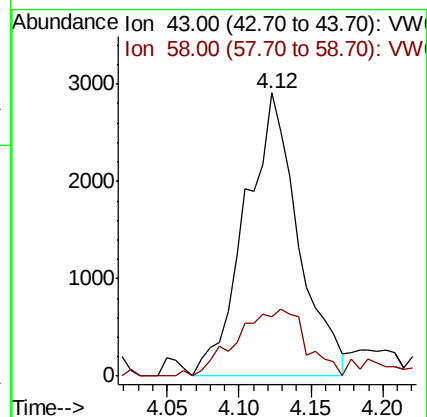
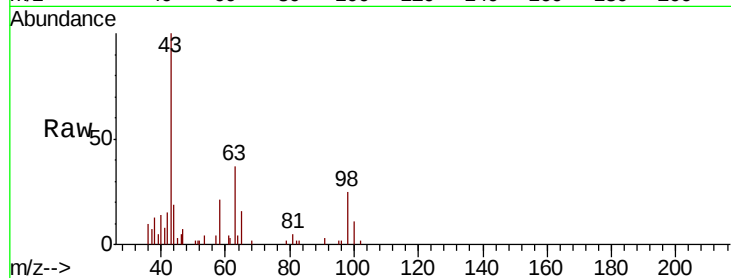
DB6X3

Tgt Ion: 43 Resp: 7467

Ion Ratio Lower Upper

43 100

58 23.7 0.0 53.0



#16

Methylene chloride

Concen: 1.620 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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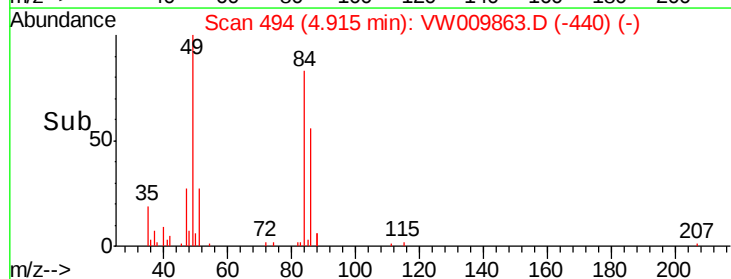
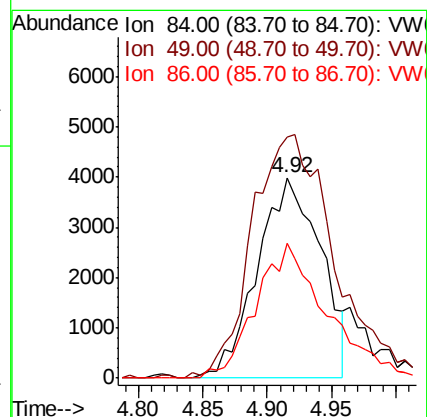
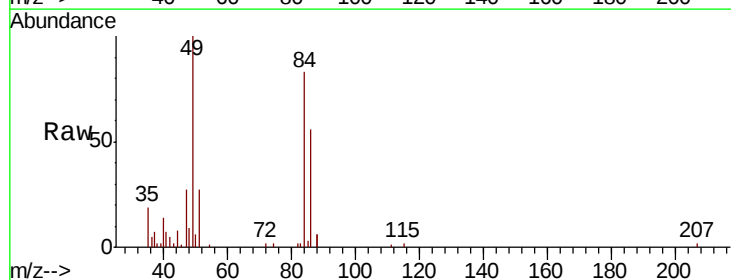
Tgt Ion: 84 Resp: 13644

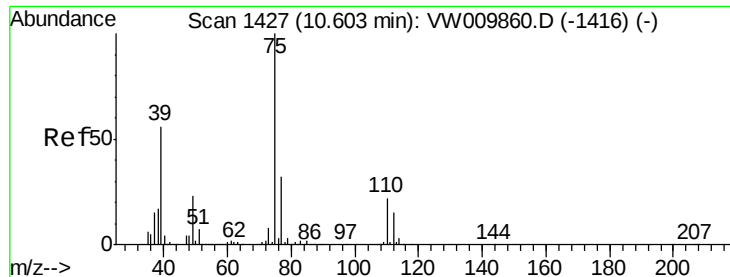
Ion Ratio Lower Upper

84 100

49 120.1 98.3 182.5

86 67.3 46.4 86.2





#45

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

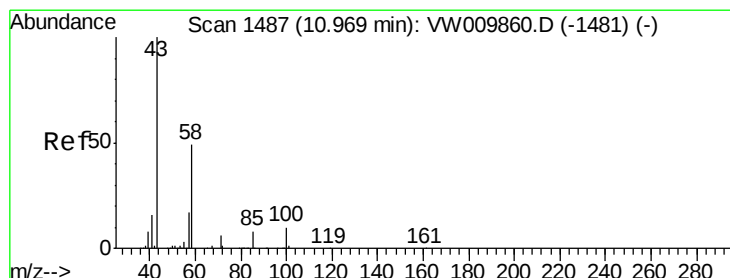
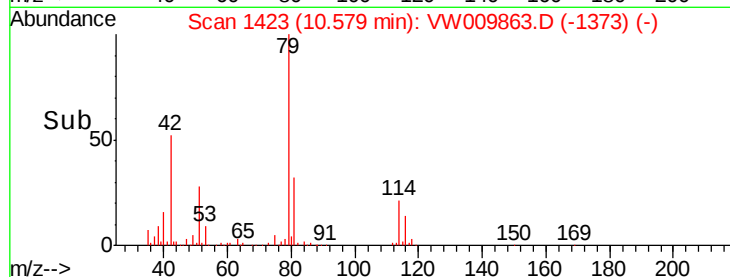
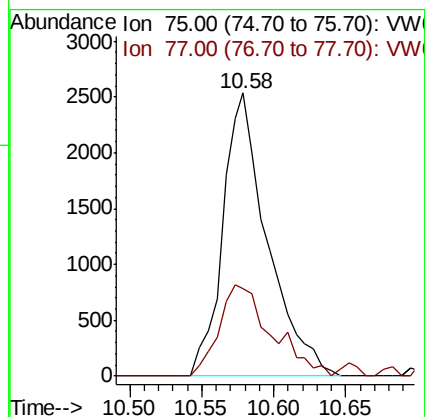
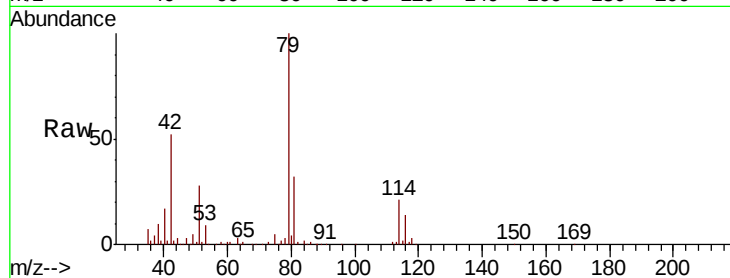
DB6X3

Tgt Ion: 75 Resp: 5482

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.3



#49

2-Hexanone

Concen: 3.405 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009863.D

Acq: 10 Apr 2019 05:33

Tgt Ion: 43 Resp: 14630

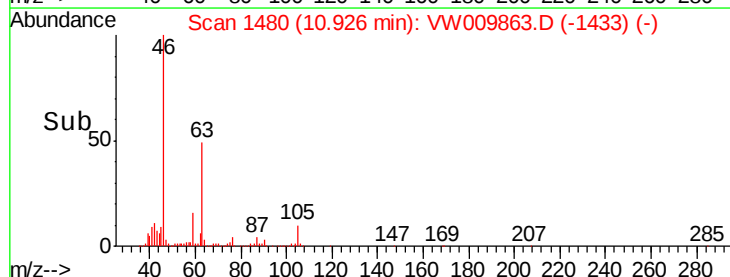
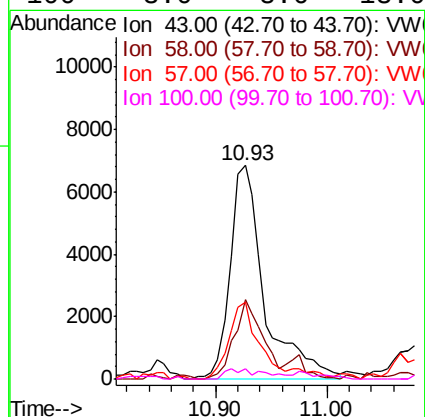
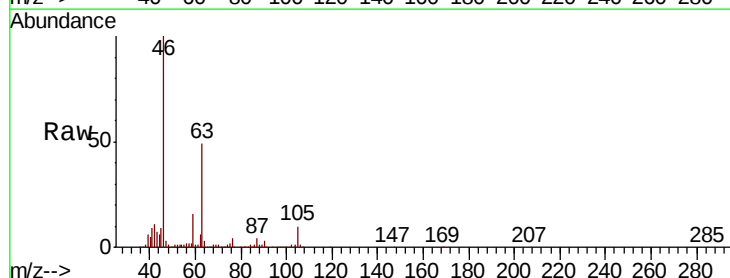
Ion Ratio Lower Upper

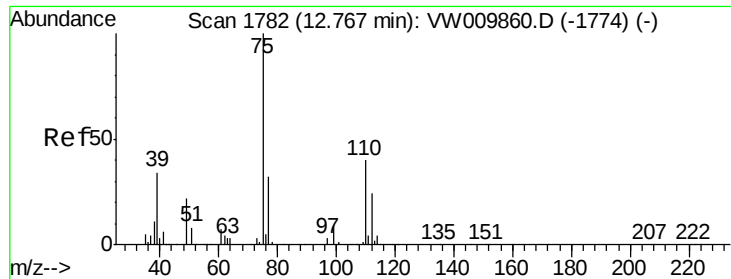
43 100

58 30.4 38.9 58.3#

57 30.5 13.8 20.6#

100 3.0 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 5.167 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009863.D

Acq: 10 Apr 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

DB6X3

Tgt Ion: 75 Resp: 28835

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.2

