

Data File : VW009544.D
Acq On : 28 Mar 2019 17:57
Operator : SY/VA
Sample : K2084-16
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7X4

Quant Time: Mar 29 05:40:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158747	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146805	30.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.24%
7) Chloroethane-d5	2.89	69	135085	23.64	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
10) 1,1-Dichloroethene-d2	4.01	63	223761	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.80%
20) 2-Butanone-d5	7.07	46	65055	32.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.42%
24) Chloroform-d	7.64	84	272489	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	158498	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	521572	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.27	67	154137	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.32	98	469368	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	64883	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	10.93	63	42015	27.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119679	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	145098	23.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.36%

Target Compounds

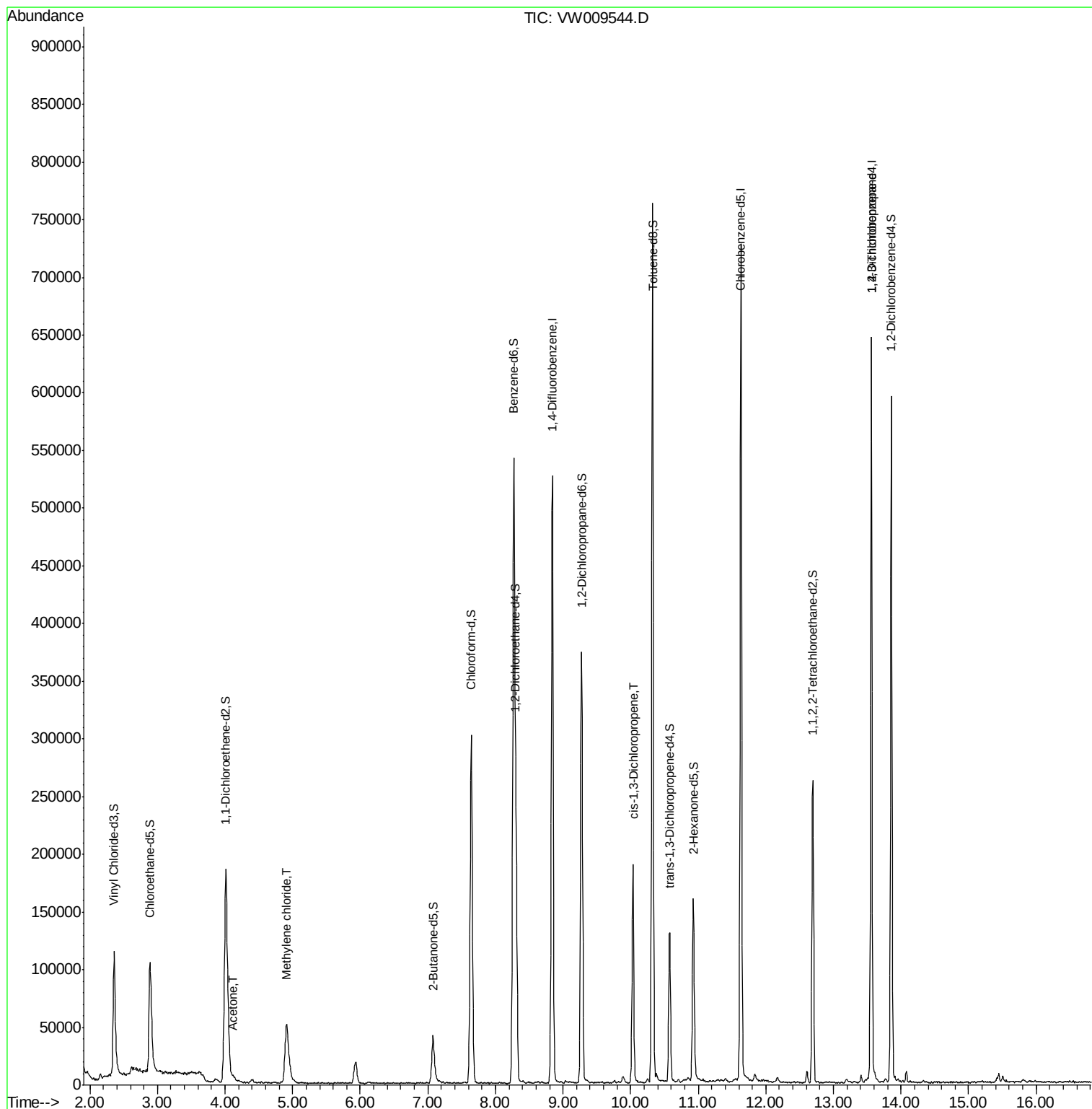
					Qvalue
13) Acetone	4.12	43	2706	1.634 ug/L	78
16) Methylene chloride	4.90	84	42947	7.205 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	5560	0.632 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	21618	5.013 ug/L	89

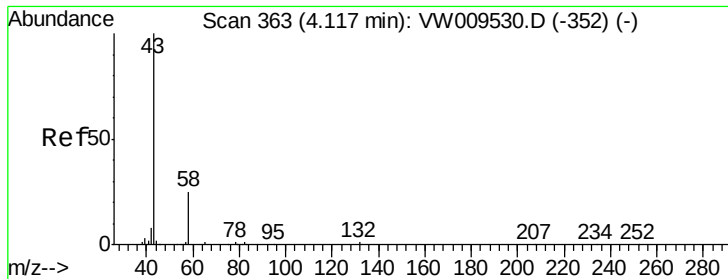
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009544.D
Acq On : 28 Mar 2019 17:57
Operator : SY/VA
Sample : K2084-16
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7X4

Quant Time: Mar 29 05:40:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.634 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009544.D

Acq: 28 Mar 2019 17:57

Instrument :

MSVOA_W

ClientSampled :

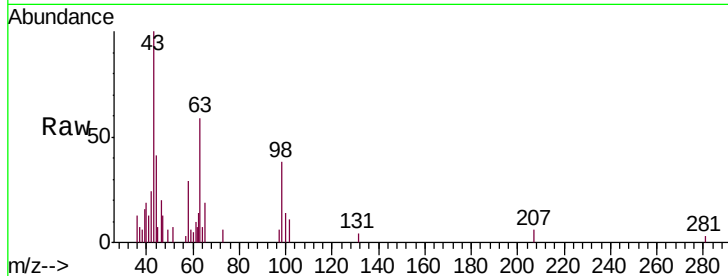
BF7X4

Tgt Ion: 43 Resp: 2706

Ion Ratio Lower Upper

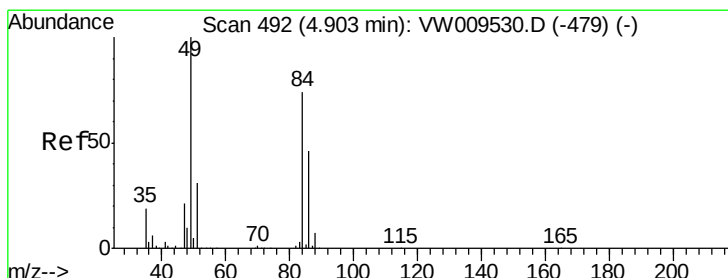
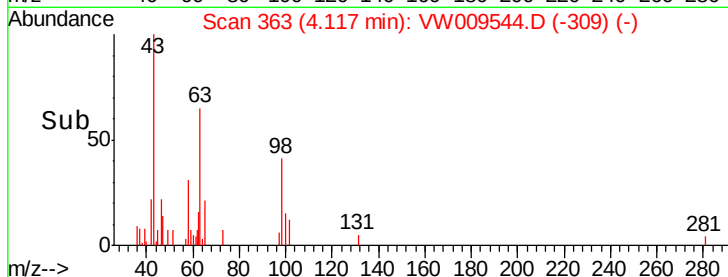
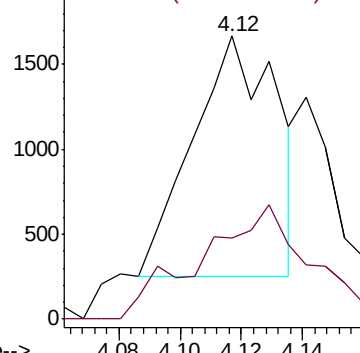
43 100

58 16.4 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.205 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.00 min

Lab File: VW009544.D

Acq: 28 Mar 2019 17:57

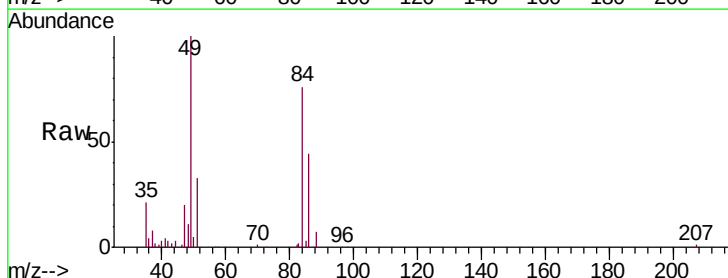
Tgt Ion: 84 Resp: 42947

Ion Ratio Lower Upper

84 100

49 131.5 96.0 178.2

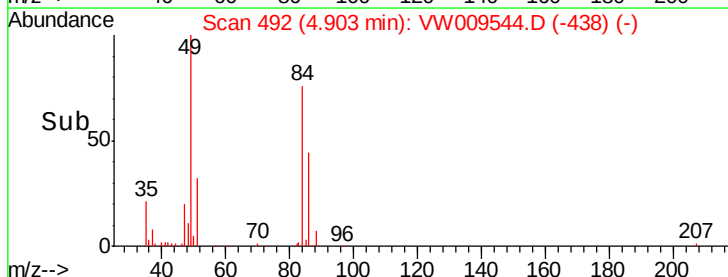
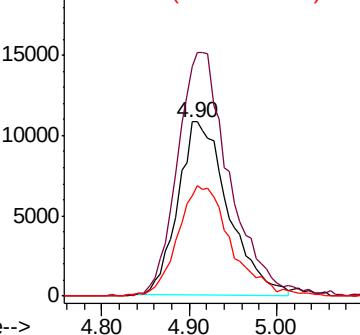
86 57.5 44.4 82.5

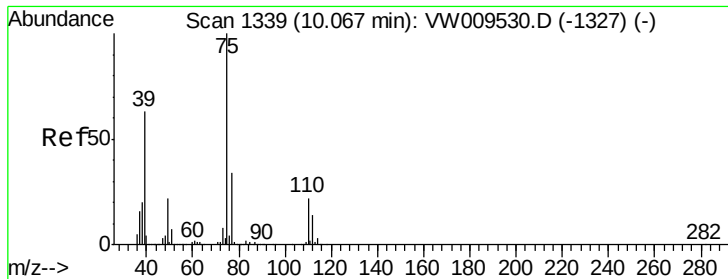


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009544.D

Acq: 28 Mar 2019 17:57

Instrument :

MSVOA_W

ClientSampleId :

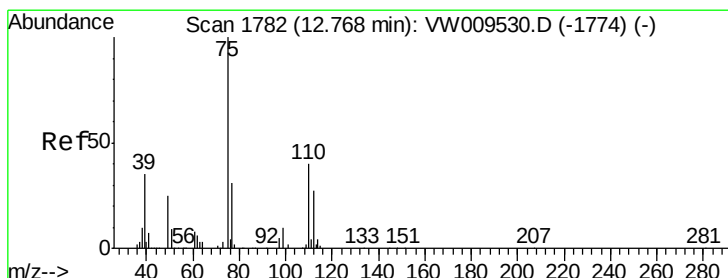
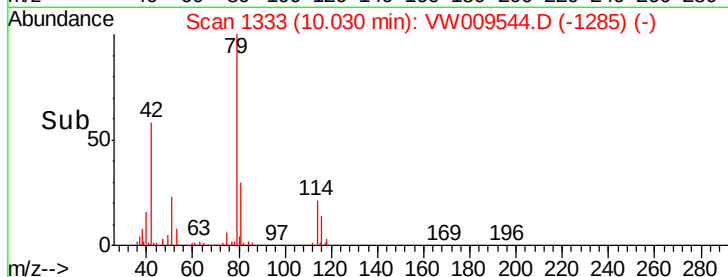
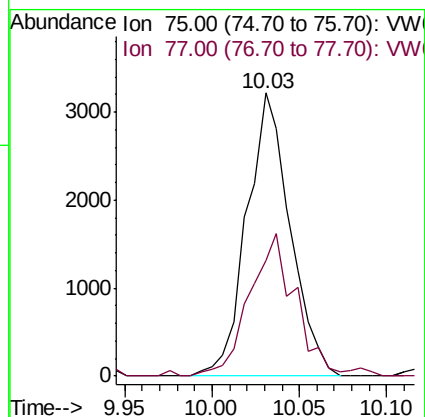
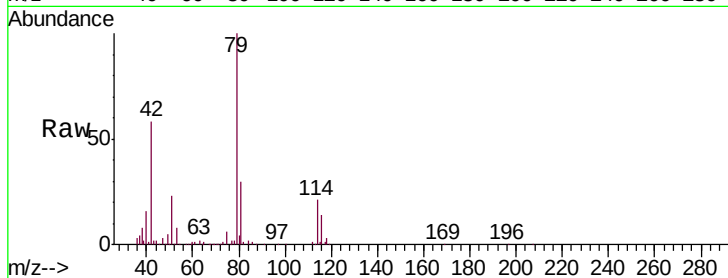
BF7X4

Tgt Ion: 75 Resp: 5560

Ion Ratio Lower Upper

75 100

77 40.9 21.6 40.2#



#59

1,2,3-Trichloropropane

Concen: 5.013 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009544.D

Acq: 28 Mar 2019 17:57

Tgt Ion: 75 Resp: 21618

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2

