

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009389.D
 Acq On : 23 Mar 2019 14:39
 Operator : SY/VA
 Sample : K2062-01
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 22:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360003	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89198	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	2.89	69	93055	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.96%
10) 1,1-Dichloroethene-d2	4.01	63	142208	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	7.07	46	79080	44.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.90%
24) Chloroform-d	7.65	84	222115	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.30	65	135709	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
29) Benzene-d6	8.27	84	390333	20.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.64%
33) 1,2-Dichloropropane-d6	9.27	67	126961	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.32	98	345887	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.28%
38) trans-1,3-Dichloropropene-	10.58	79	55959	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	10.93	63	56305	39.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124580	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	138004	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

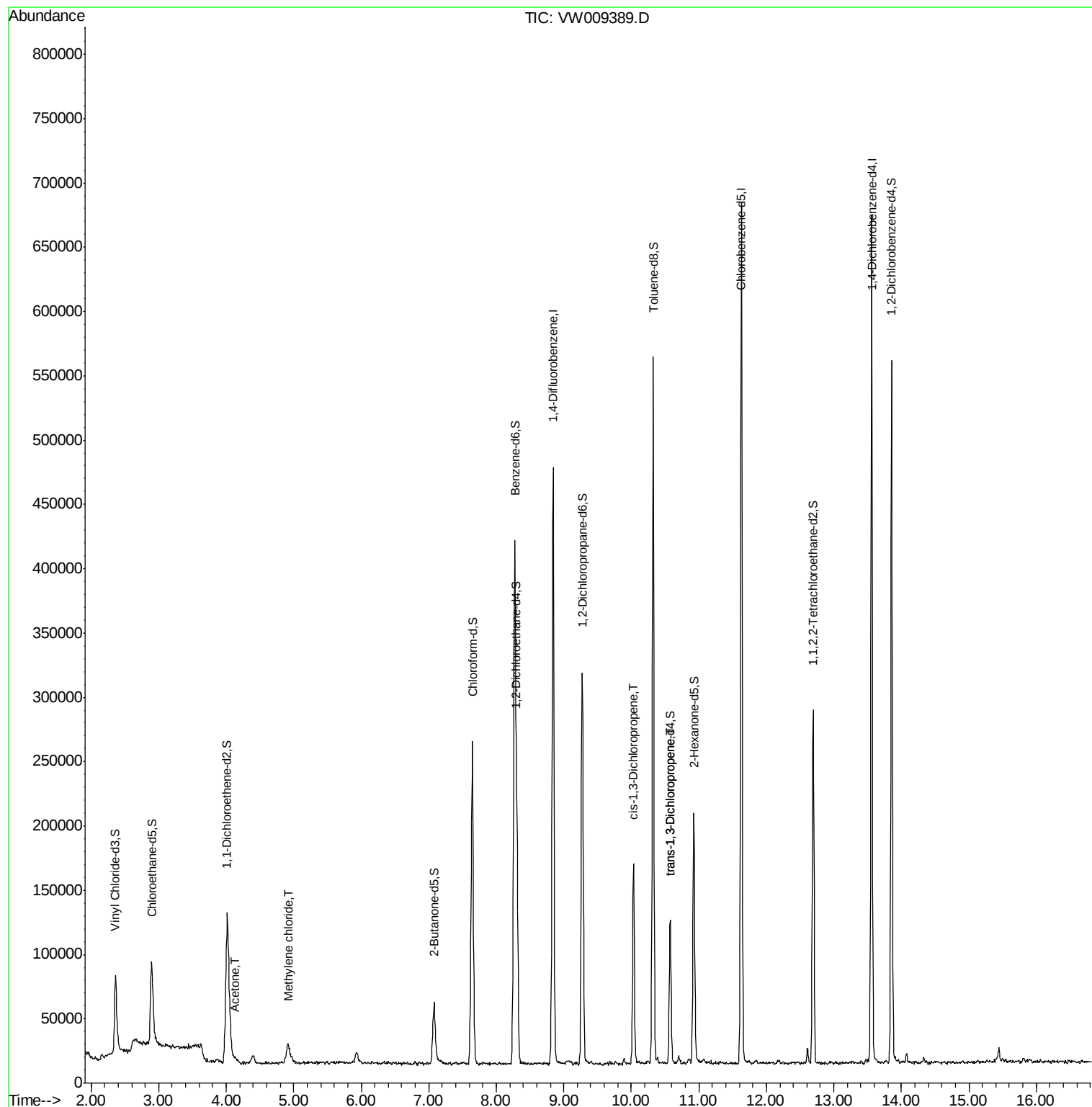
					Ovalue
13) Acetone	4.12	43	2514	1.723 ug/L	91
16) Methylene chloride	4.93	84	11114	2.117 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	4426	0.551 ug/L #	79
45) trans-1,3-Dichloropropene	10.57	75	3261	0.467 ug/L	86

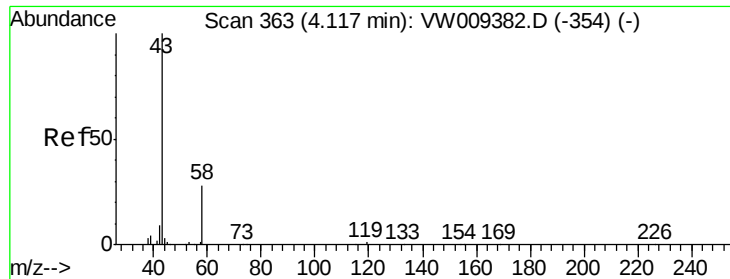
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.723 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 23 Mar 2019 14:39

Instrument :

MSVOA_W

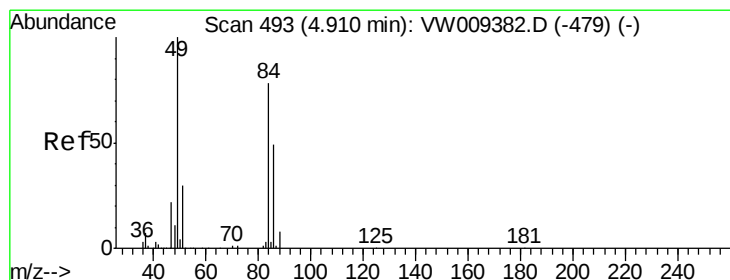
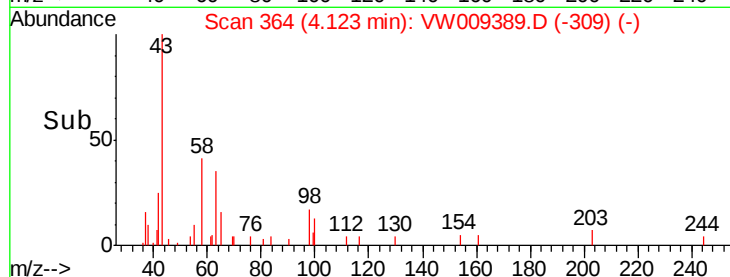
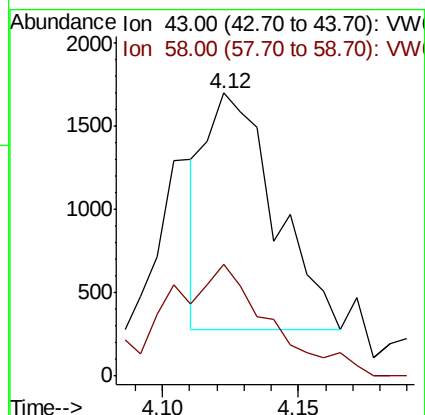
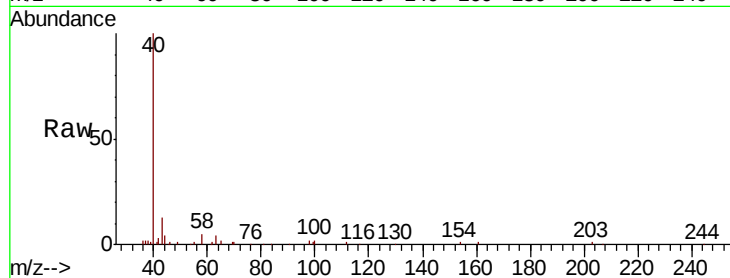
ClientSampleId :

Tot Ion: 43 Resp: 2514

Ion Ratio Lower Upper

43 100

58 33.0 0.0 56.2



#16

Methylene chloride

Concen: 2.117 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

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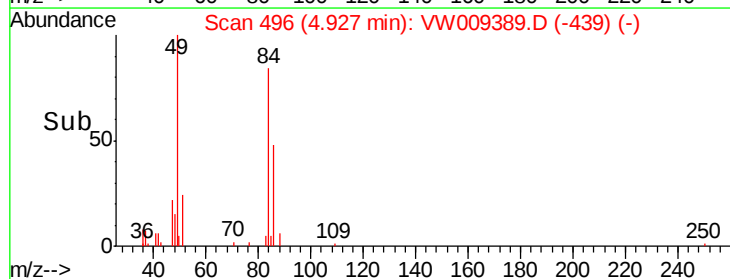
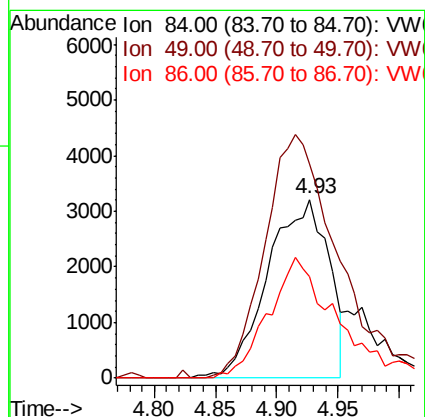
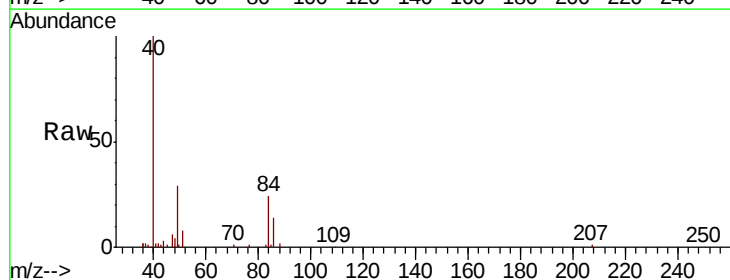
Tgt Ion: 84 Resp: 11114

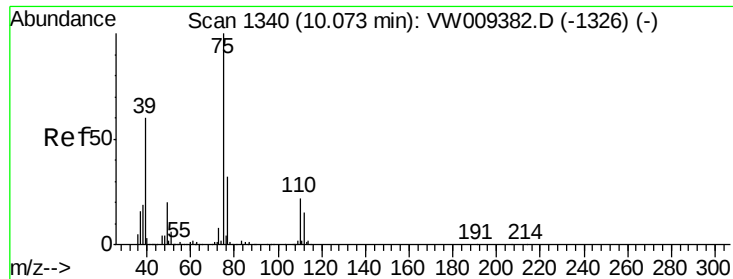
Ion Ratio Lower Upper

84 100

49 119.6 96.0 178.2

86 57.0 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.551 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

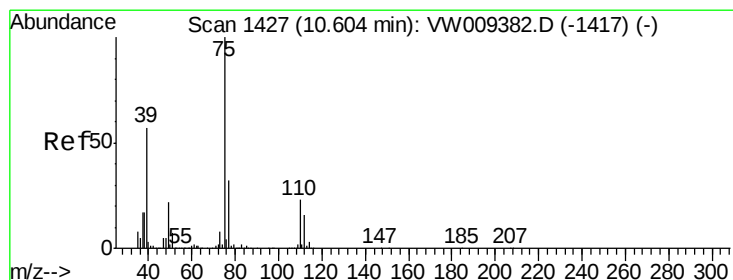
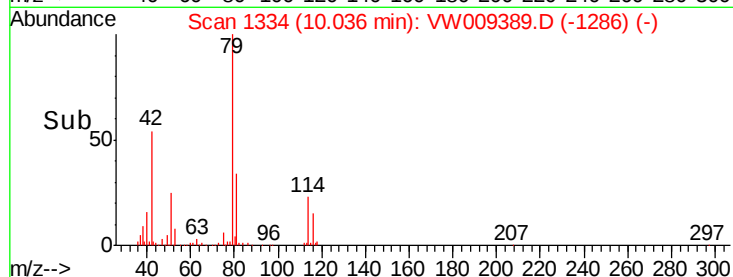
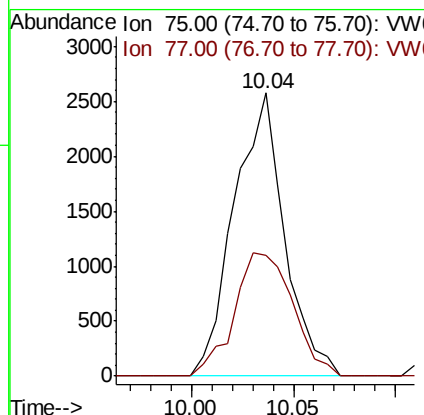
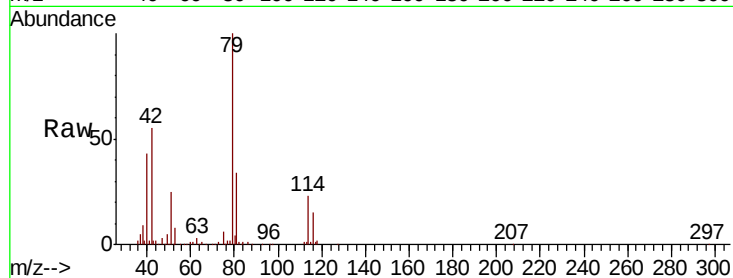
ClientSampleId :

Tot Ion: 75 Resp: 4426

Ion Ratio Lower Upper

75 100

77 42.6 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009389.D

Acq: 23 Mar 2019 14:39

Tgt Ion: 75 Resp: 3261

Ion Ratio Lower Upper

75 100

77 39.8 22.5 41.7

