

Data File : VW009541.D
Acq On : 28 Mar 2019 16:35
Operator : SY/VA
Sample : K2084-09
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W0

Quant Time: Mar 29 05:39:44 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	381053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145362	31.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.68%
7) Chloroethane-d5	2.89	69	137573	25.82	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
10) 1,1-Dichloroethene-d2	4.01	63	218879	22.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.96%
20) 2-Butanone-d5	7.07	46	85769	45.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.10%
24) Chloroform-d	7.64	84	269981	25.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	8.31	65	167017	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	518831	25.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.36%
33) 1,2-Dichloropropane-d6	9.27	67	157151	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.32	98	472920	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.92%
38) trans-1,3-Dichloropropene-	10.58	79	70347	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.93	63	53595	35.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141283	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	167110	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

Target Compounds

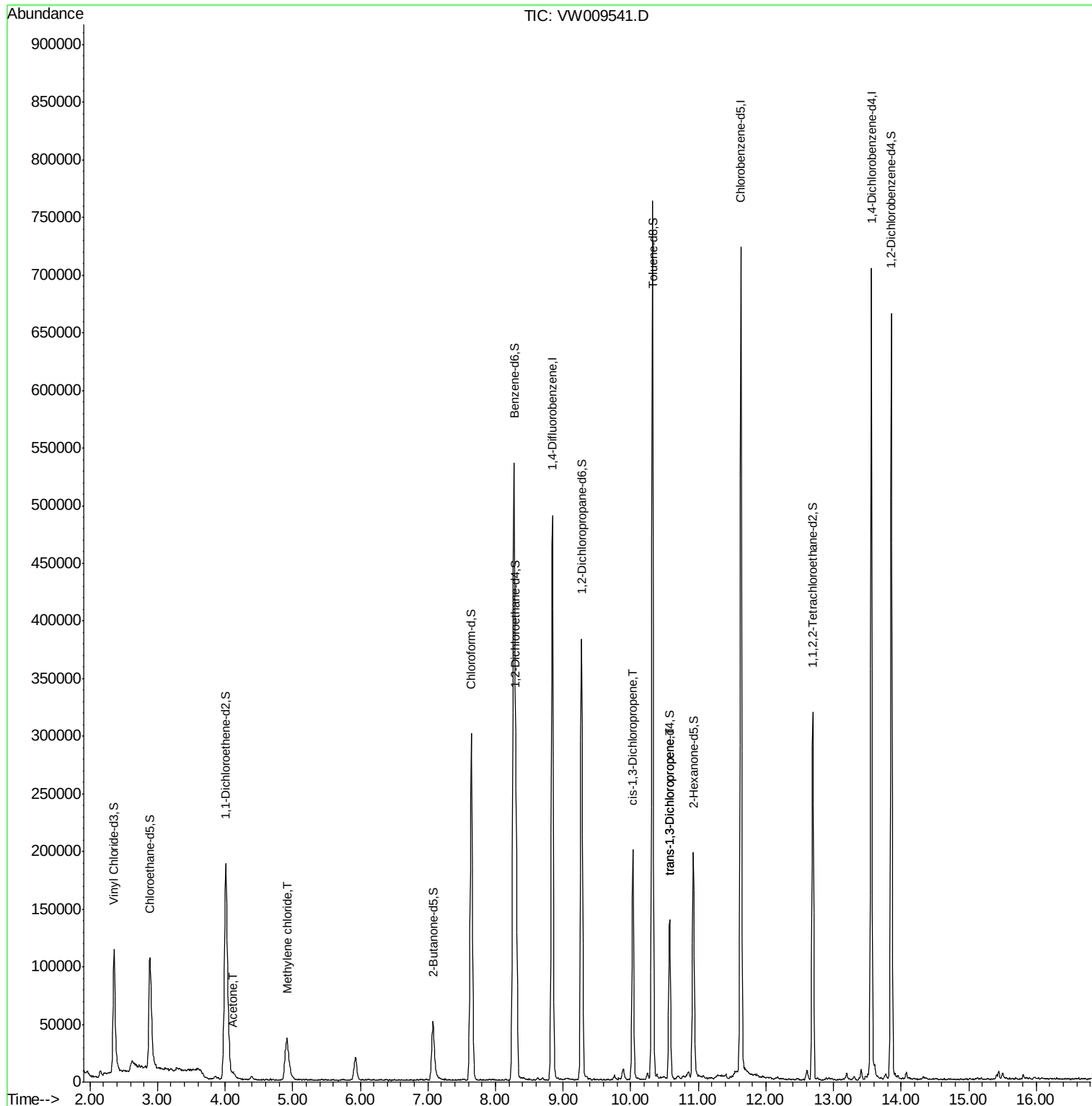
					Qvalue
13) Acetone	4.12	43	2598	1.682 ug/L	66
16) Methylene chloride	4.92	84	23010	4.141 ug/L	84
42) cis-1,3-Dichloropropene	10.04	75	5755	0.678 ug/L #	54
45) trans-1,3-Dichloropropene	10.58	75	4467	0.605 ug/L	91

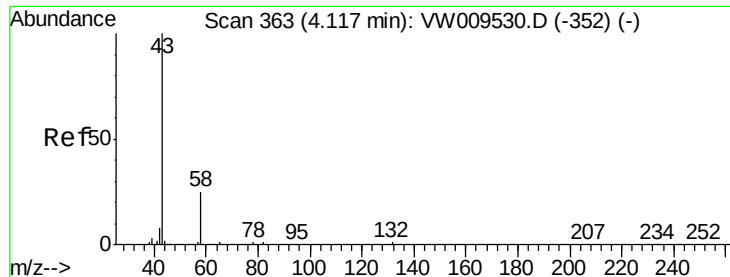
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.682 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

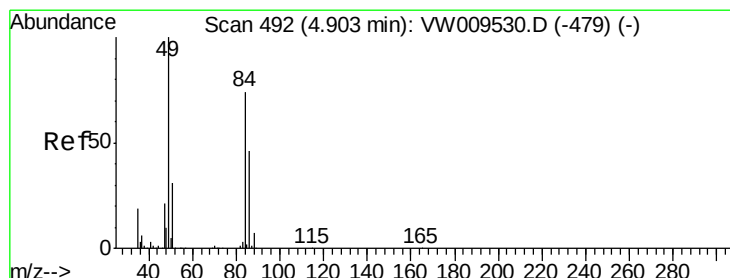
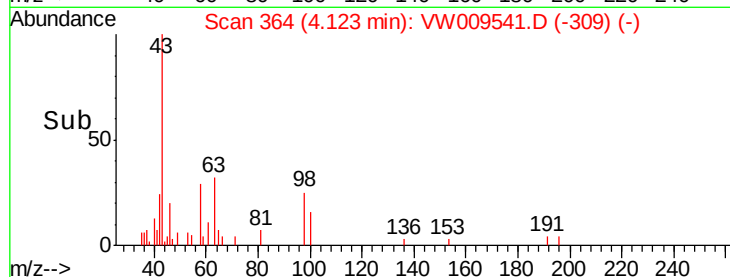
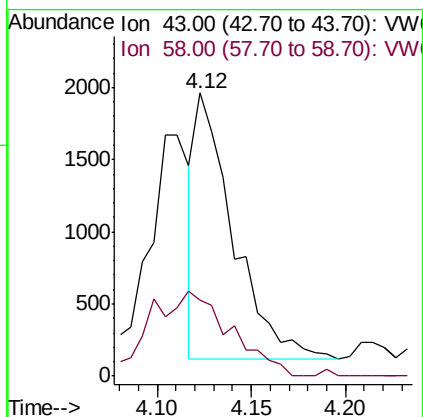
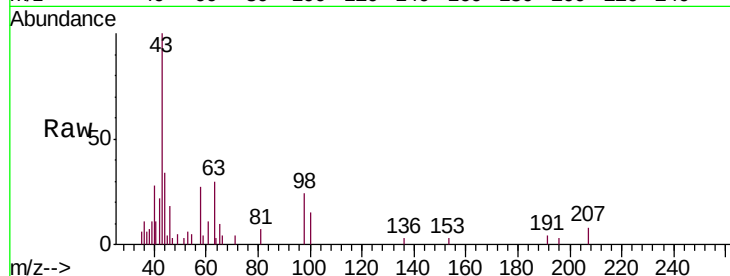
BF7W0

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

58 46.0 0.0 56.2



#16

Methylene chloride

Concen: 4.141 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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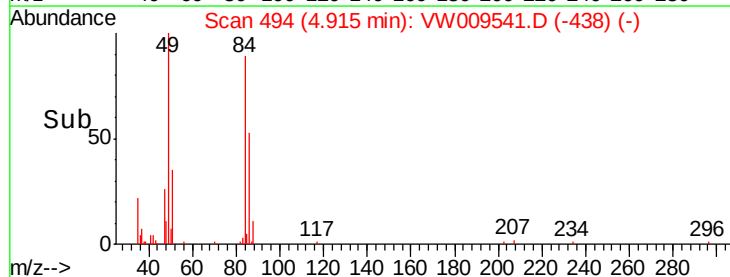
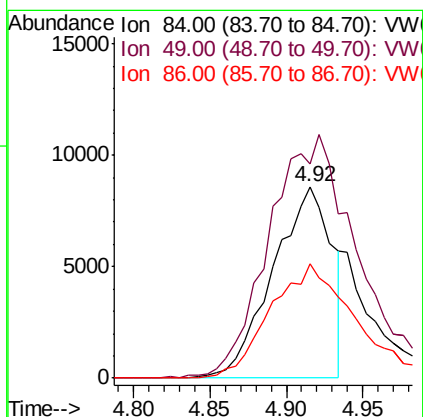
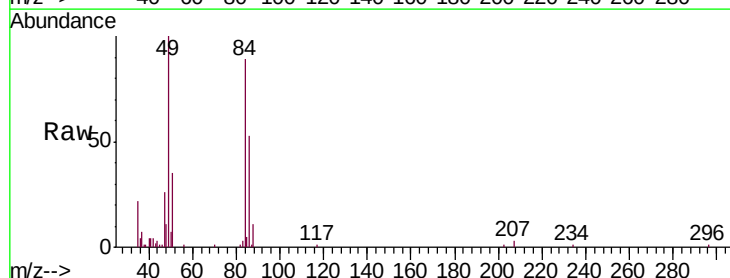
Tgt Ion: 84 Resp: 23010

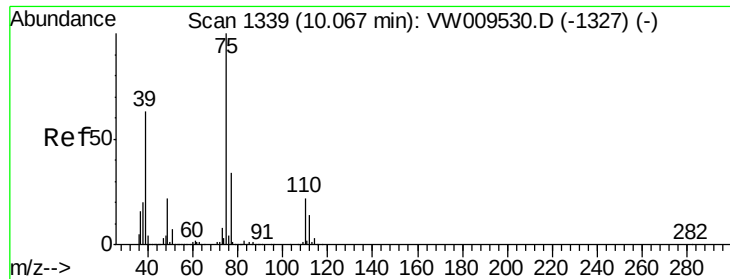
Ion Ratio Lower Upper

84 100

49 112.2 96.0 178.2

86 59.9 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

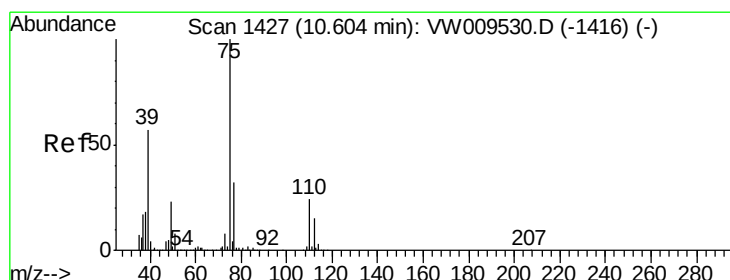
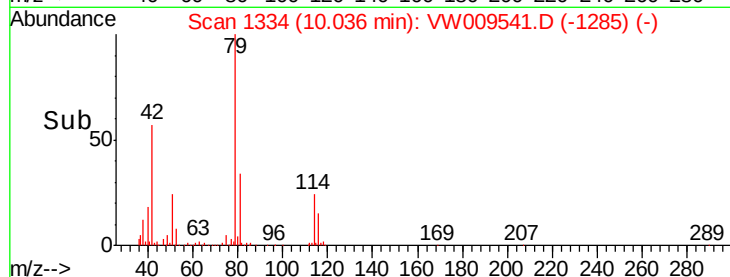
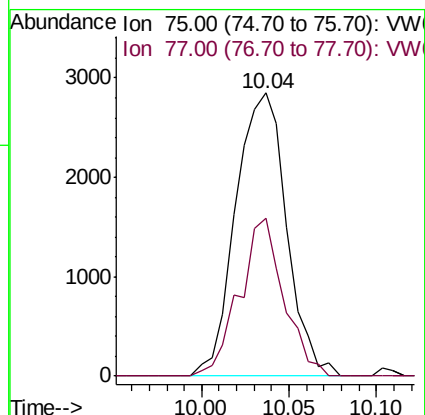
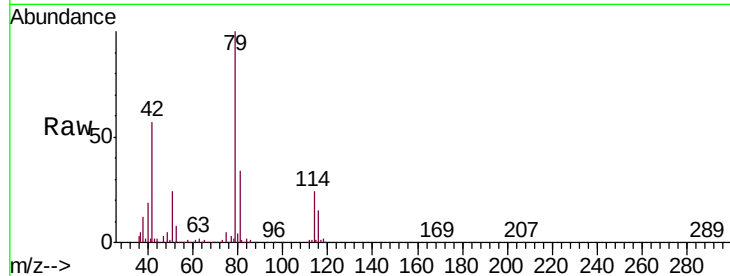
BF7W0

Tgt Ion: 75 Resp: 5755

Ion Ratio Lower Upper

75 100

77 56.0 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.605 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Acq: 28 Mar 2019 16:35

Tgt Ion: 75 Resp: 4467

Ion Ratio Lower Upper

75 100

77 37.0 22.5 41.7

