

Data File : VW009548.D
Acq On : 28 Mar 2019 19:46
Operator : SY/VA
Sample : K2084-22
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W4

Quant Time: Mar 29 05:40:52 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	391391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150407	32.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.64%
7) Chloroethane-d5	2.89	69	136995	25.03	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.01	63	222902	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.20%
20) 2-Butanone-d5	7.08	46	62956	32.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.10%
24) Chloroform-d	7.64	84	271917	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	8.30	65	158077	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.28%
29) Benzene-d6	8.27	84	524638	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
33) 1,2-Dichloropropane-d6	9.27	67	159034	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.32	98	466546	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	62182	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	40723	27.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116048	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	143697	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%

Target Compounds

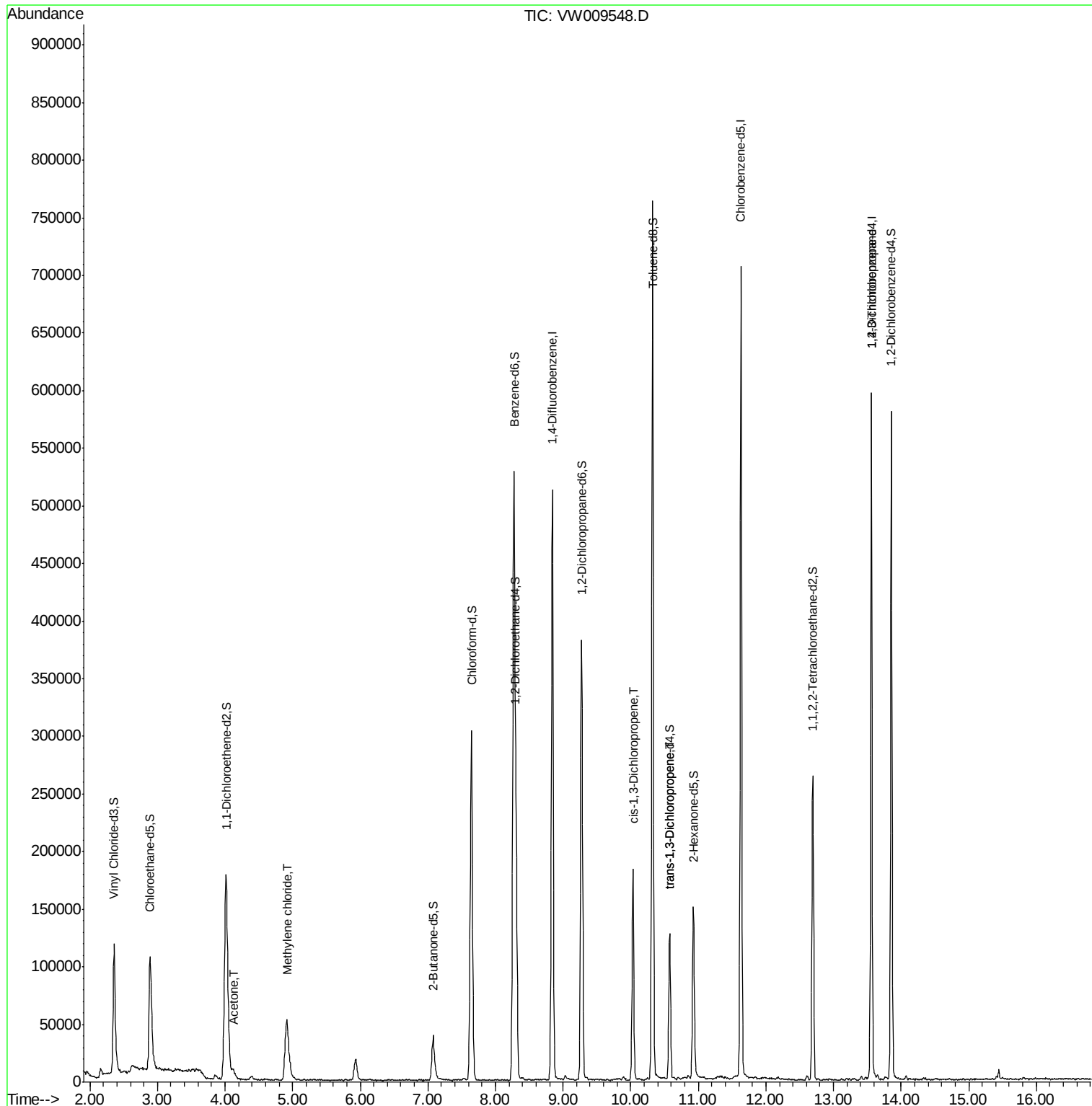
					Qvalue
13) Acetone	4.12	43	9151	5.769 ug/L	84
16) Methylene chloride	4.91	84	44950	7.876 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	5178	0.622 ug/L #	71
45) trans-1,3-Dichloropropene	10.57	75	3547	0.490 ug/L #	56
59) 1,2,3-Trichloropropane	13.56	75	19452	4.766 ug/L	96

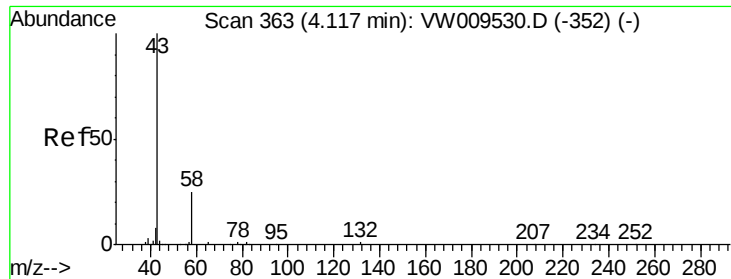
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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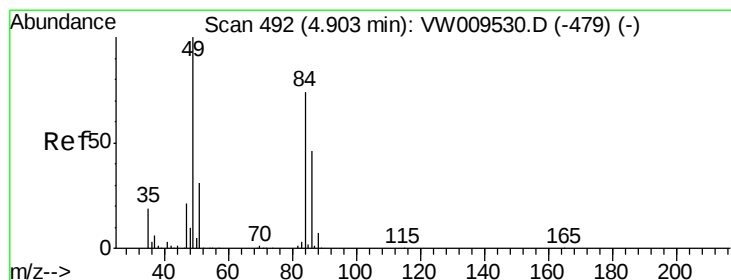
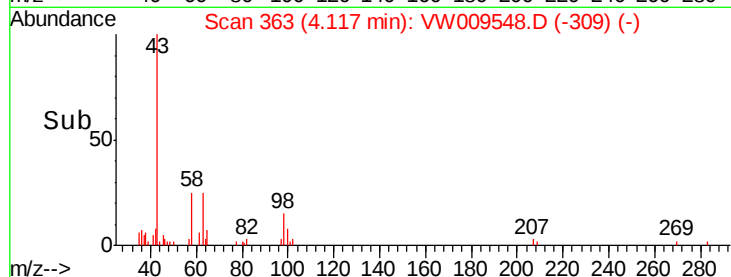
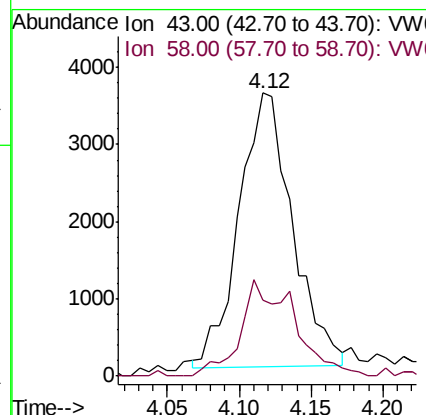
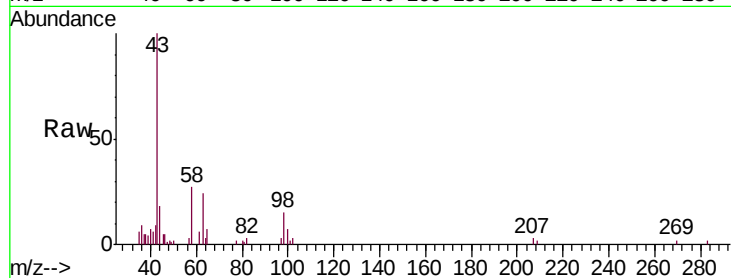




#13
Acetone
Concen: 5.769 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009548.D
Acq: 28 Mar 2019 19:46

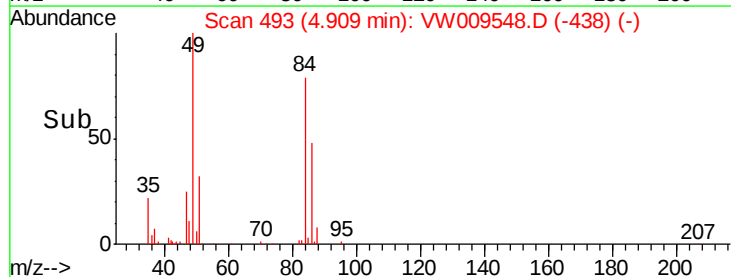
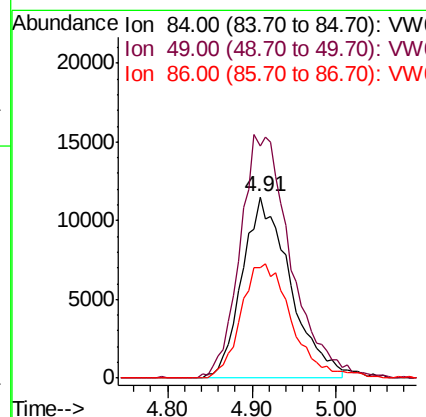
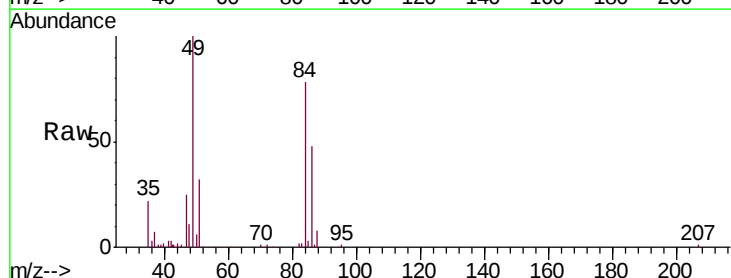
Instrument :
MSVOA_W
ClientSampled :
BF7W4

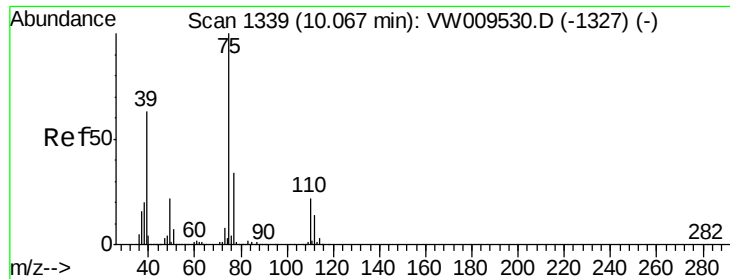
Tgt Ion: 43 Resp: 9151
Ion Ratio Lower Upper
43 100
58 19.9 0.0 56.2



#16
Methylene chloride
Concen: 7.876 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW009548.D
Acq: 28 Mar 2019 19:46

Tgt Ion: 84 Resp: 44950
Ion Ratio Lower Upper
84 100
49 128.0 96.0 178.2
86 61.3 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.622 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009548.D

Acq: 28 Mar 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

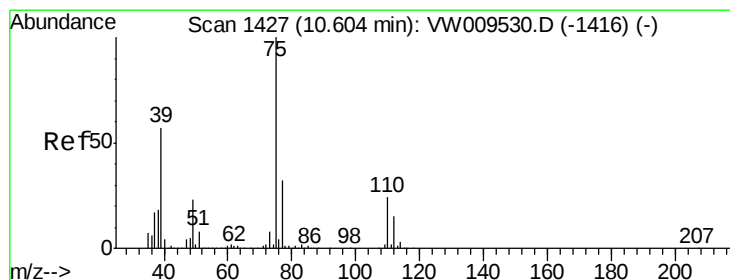
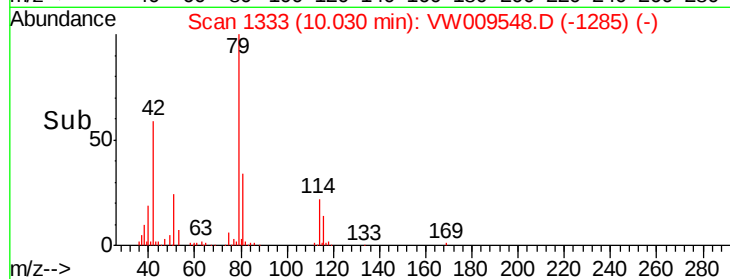
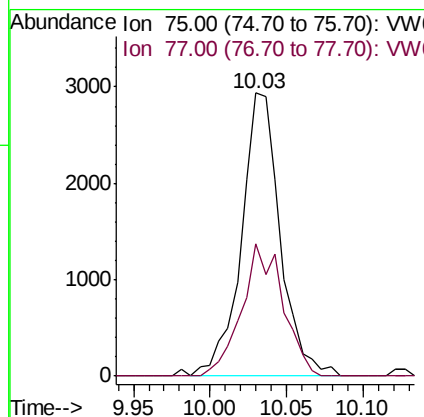
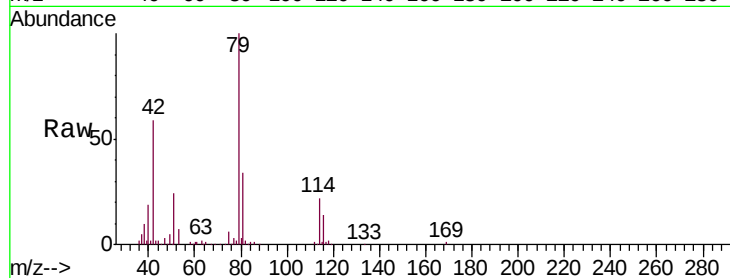
BF7W4

Tgt Ion: 75 Resp: 5178

Ion Ratio Lower Upper

75 100

77 46.7 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.490 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009548.D

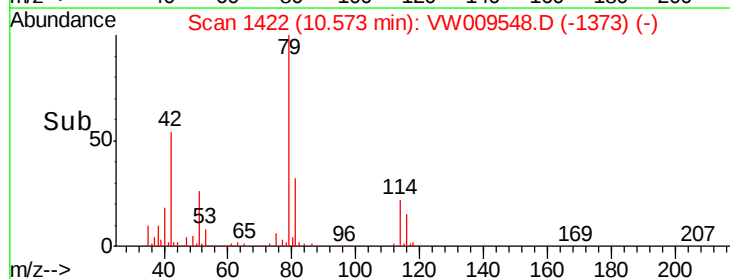
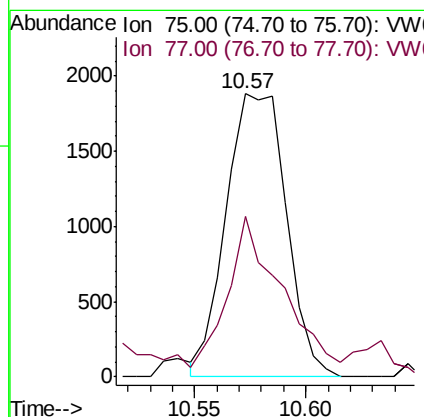
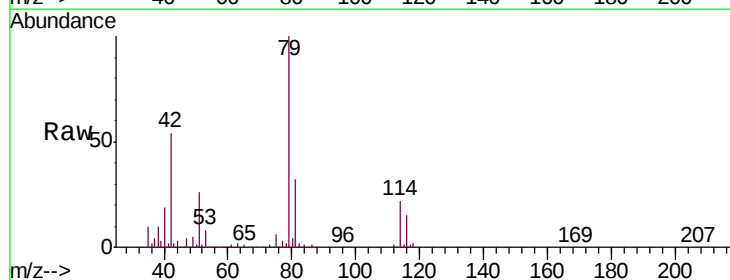
Acq: 28 Mar 2019 19:46

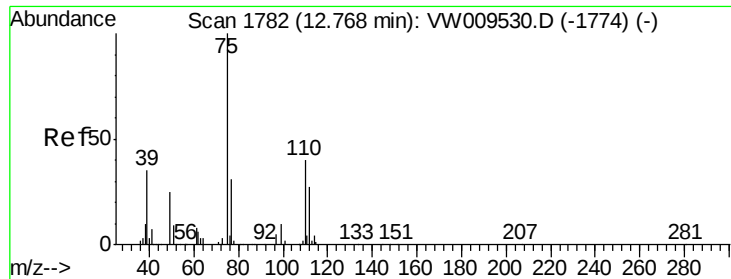
Tgt Ion: 75 Resp: 3547

Ion Ratio Lower Upper

75 100

77 56.7 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 4.766 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009548.D

Acq: 28 Mar 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

BF7W4

Tgt Ion: 75 Resp: 19452

Ion Ratio Lower Upper

75 100

77 35.2 26.2 39.2

