

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009523.D
 Acq On : 28 Mar 2019 02:22
 Operator : SY/VA
 Sample : K2068-19
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5J7

Quant Time: Mar 28 07:47:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	279589	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	58163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64425	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
7) Chloroethane-d5	2.89	69	79082	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.01	63	105429	14.60	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.40%
20) 2-Butanone-d5	7.08	46	12100	8.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.52%#
24) Chloroform-d	7.64	84	199858	26.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	8.39	65	198	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	306947	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.27	67	113943	31.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.48%#
37) Toluene-d8	10.32	98	225937	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	10.57	79	20423	11.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.12%
39) 2-Hexanone-d5	10.93	63	9672	11.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100315	28.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	50840	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

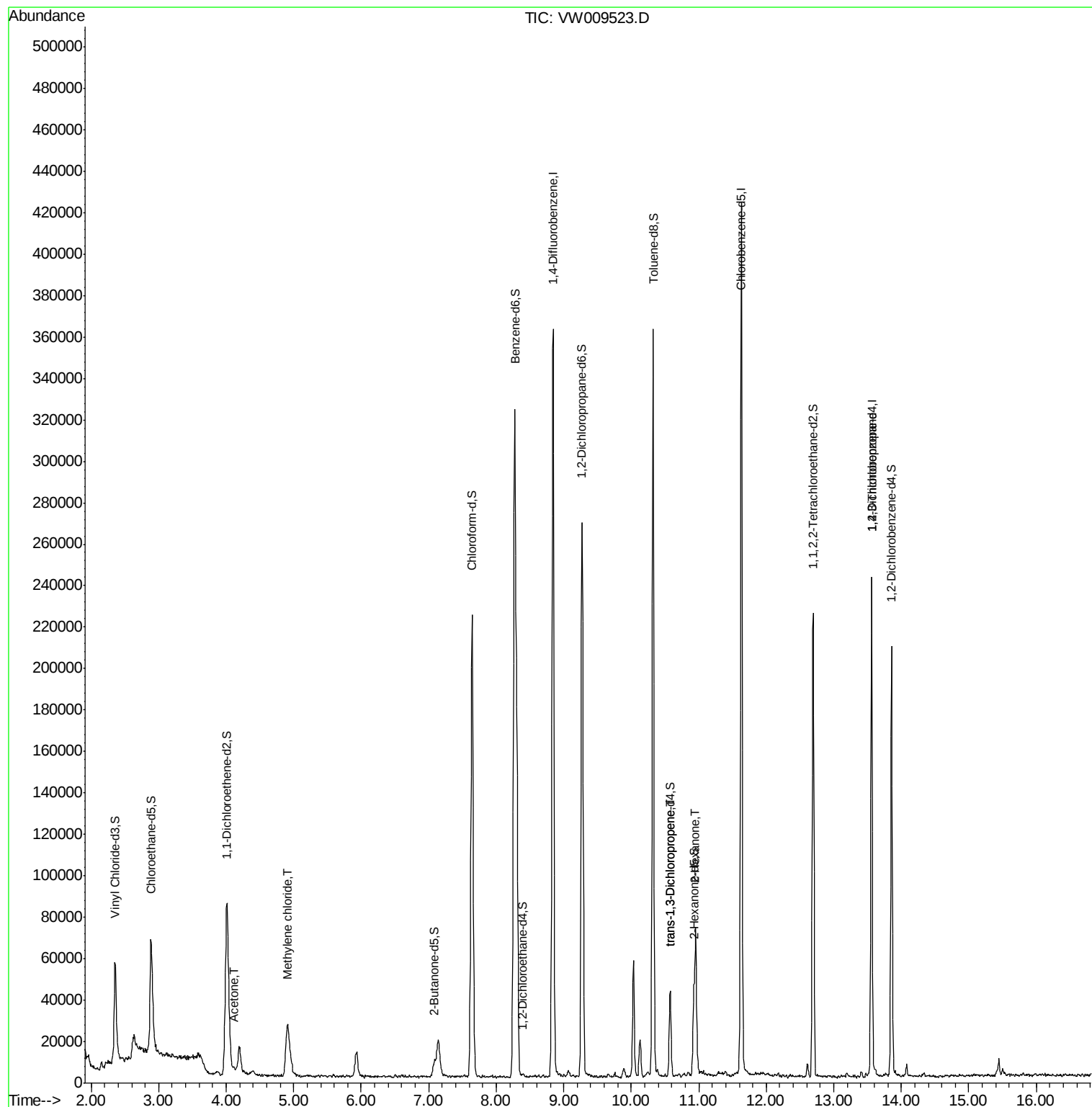
					Ovalue
13) Acetone	4.11	43	1723	1.521 ug/L	53
16) Methylene chloride	4.91	84	21785	5.343 ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	1164	0.269 ug/L #	66
49) 2-Hexanone	10.96	43	40753	20.896 ug/L #	51
59) 1,2,3-Trichloropropane	13.55	75	8468	3.469 ug/L	97

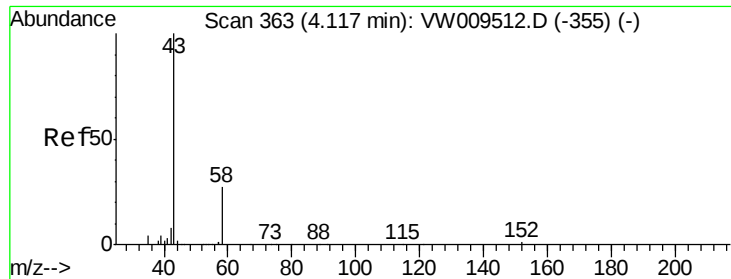
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.521 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009523.D

Acq: 28 Mar 2019 02:22

Instrument :

MSVOA_W

ClientSampled :

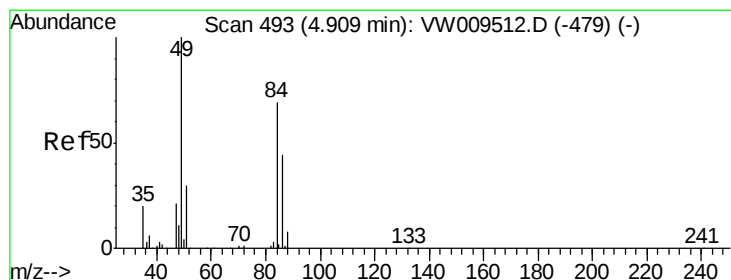
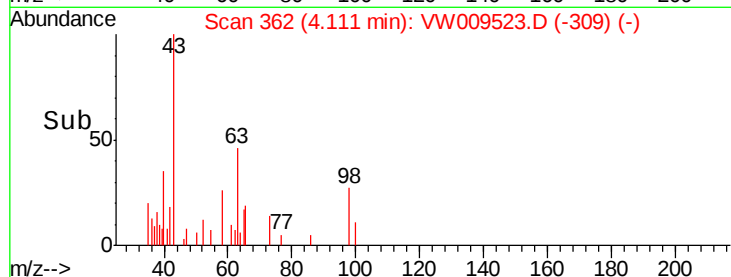
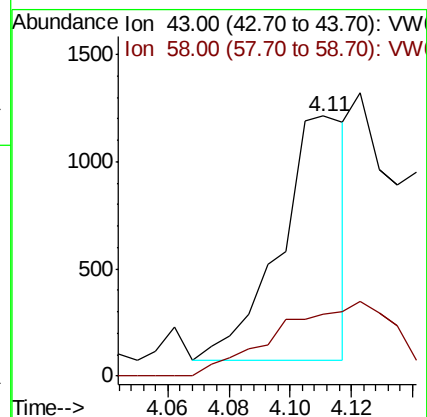
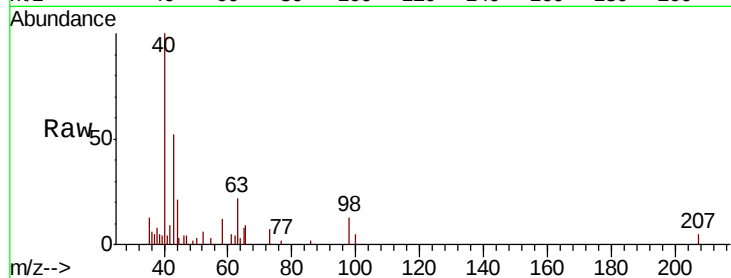
BF5J7

Tot Ion: 43 Resp: 1723

Ion Ratio Lower Upper

43 100

58 52.8 0.0 56.2



#16

Methylene chloride

Concen: 5.343 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW009523.D

Acq: 28 Mar 2019 02:22

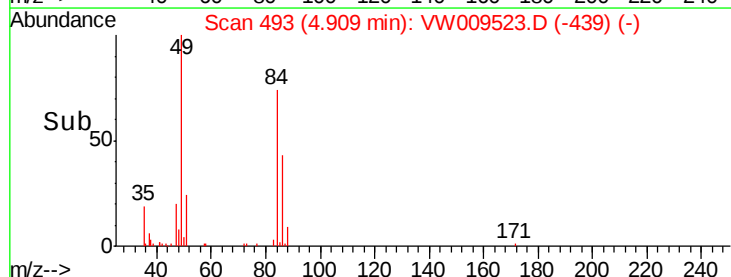
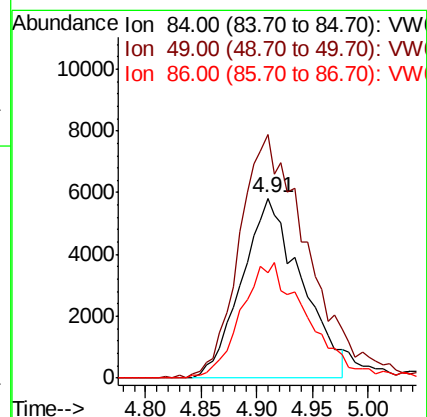
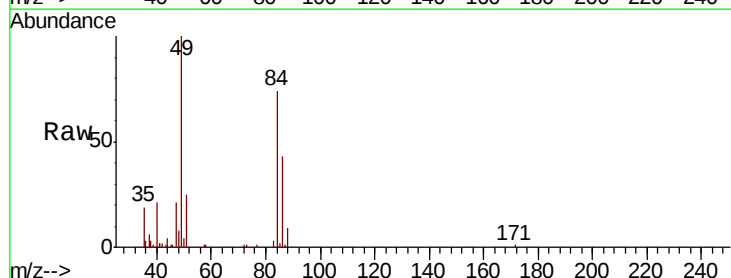
Tgt Ion: 84 Resp: 21785

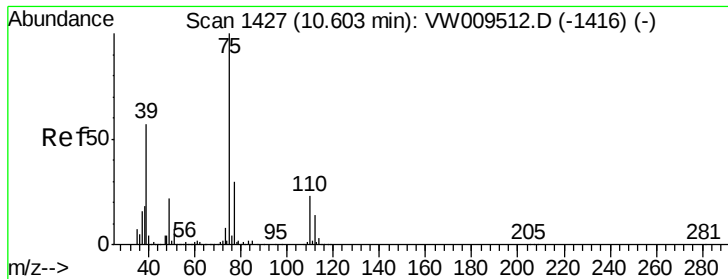
Ion Ratio Lower Upper

84 100

49 135.1 96.0 178.2

86 58.8 44.4 82.5





#45

trans-1,3-Dichloropropene

Concen: 0.269 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009523.D

Acq: 28 Mar 2019 02:22

Instrument :

MSVOA_W

ClientSampleId :

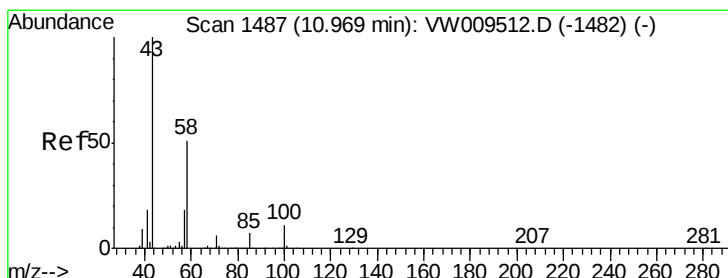
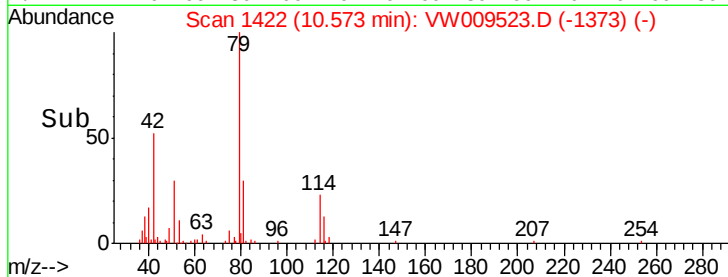
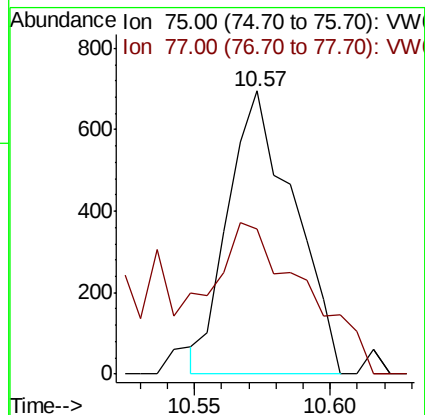
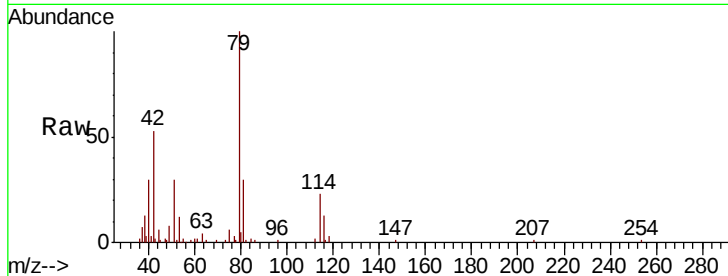
BF5J7

Tot Ion: 75 Resp: 1164

Ion Ratio Lower Upper

75 100

77 51.1 22.5 41.7#



#49

2-Hexanone

Concen: 20.896 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009523.D

Acq: 28 Mar 2019 02:22

Tgt Ion: 43 Resp: 40753

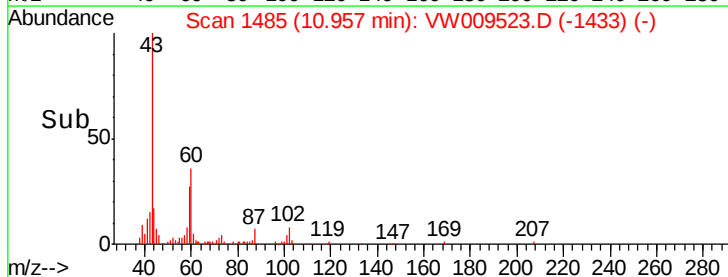
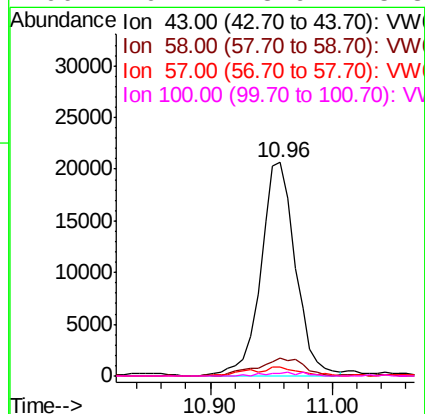
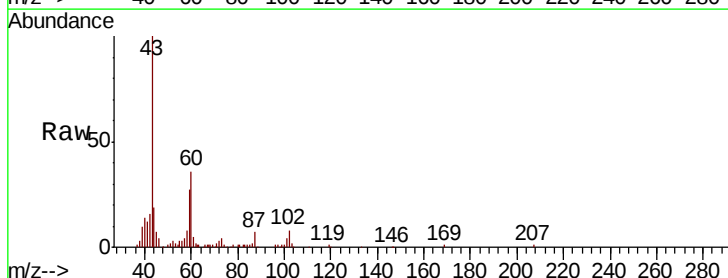
Ion Ratio Lower Upper

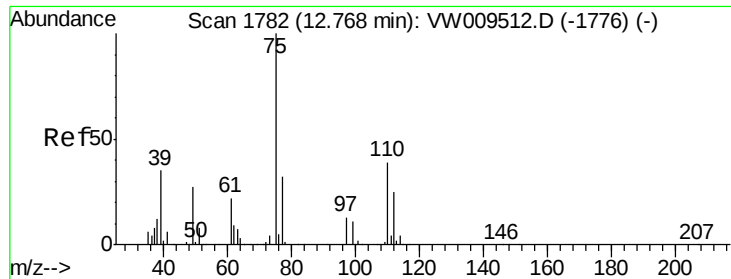
43 100

58 8.6 39.2 58.8#

57 3.6 14.2 21.2#

100 0.4 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 3.469 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW009523.D

Acq: 28 Mar 2019 02:22

Instrument :

MSVOA_W

ClientSampleId :

BF5J7

Tot Ion: 75 Resp: 8468

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

