

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009519.D
 Acq On : 28 Mar 2019 00:33
 Operator : SY/VA
 Sample : K2068-13
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K9

Quant Time: Mar 28 07:47:04 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	357293	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327993	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121705	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73758	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	2.89	69	86985	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.64%
10) 1,1-Dichloroethene-d2	4.01	63	122829	13.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.24%
20) 2-Butanone-d5	7.22	46	434	0.25	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.50%#
24) Chloroform-d	7.64	84	219572	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	8.30	65	132121	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.96%
29) Benzene-d6	8.27	84	360673	19.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.76%
33) 1,2-Dichloropropane-d6	9.27	67	122798	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.40%
37) Toluene-d8	10.32	98	292998	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.08%
38) trans-1,3-Dichloropropene-	10.58	79	36887	13.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.08%
39) 2-Hexanone-d5	10.93	63	31983	24.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115390	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	99779	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

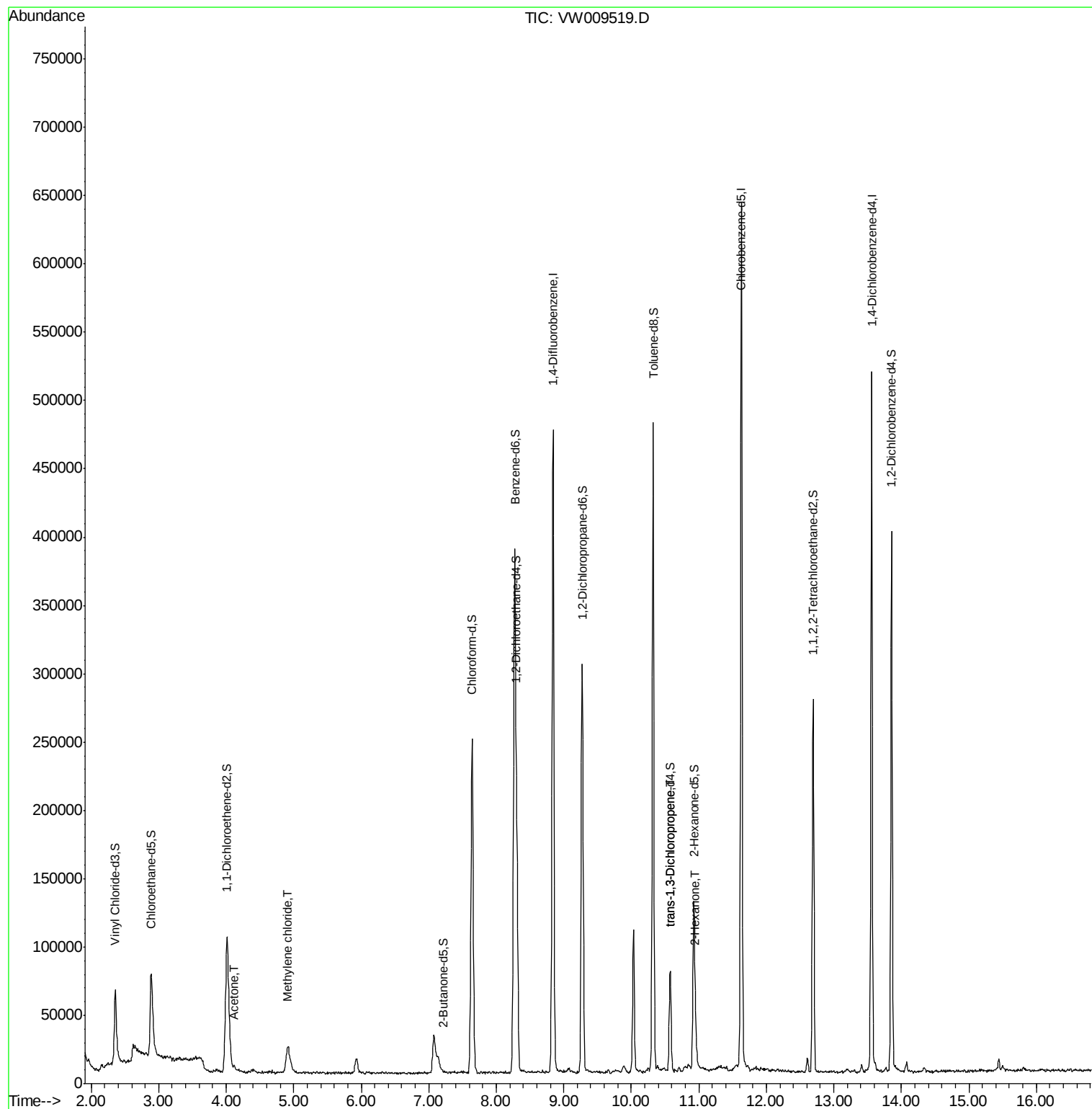
					Ovalue
13) Acetone	4.12	43	1902	1.314 ug/L	92
16) Methylene chloride	4.91	84	11214	2.152 ug/L	86
45) trans-1,3-Dichloropropene	10.59	75	2181	0.334 ug/L	85
49) 2-Hexanone	10.95	43	19226	6.539 ug/L #	42

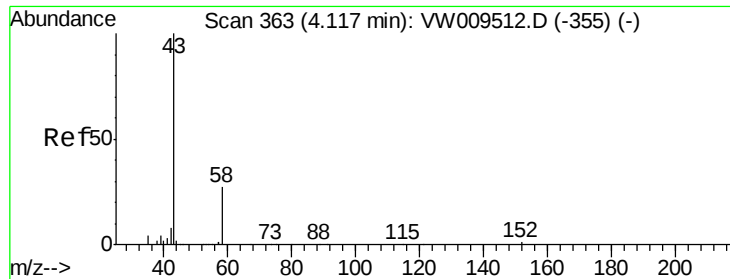
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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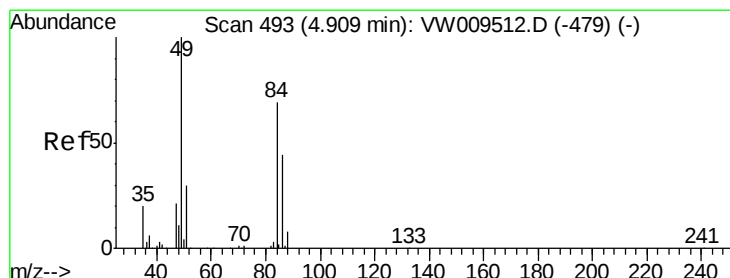
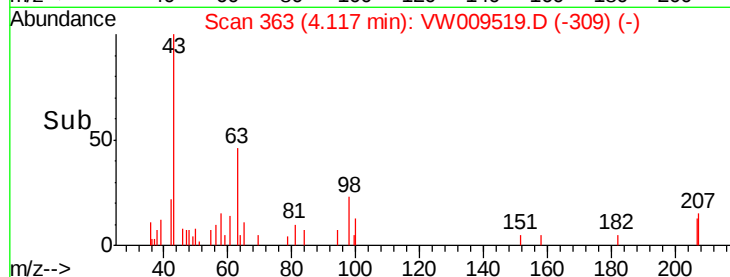
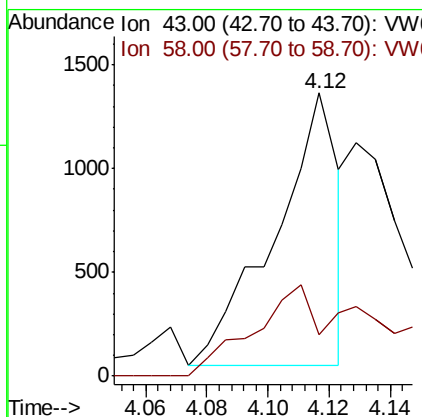
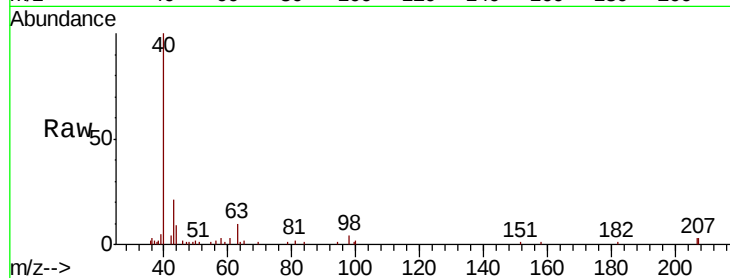




#13
Acetone
Concen: 1.314 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009519.D
Acq: 28 Mar 2019 00:33

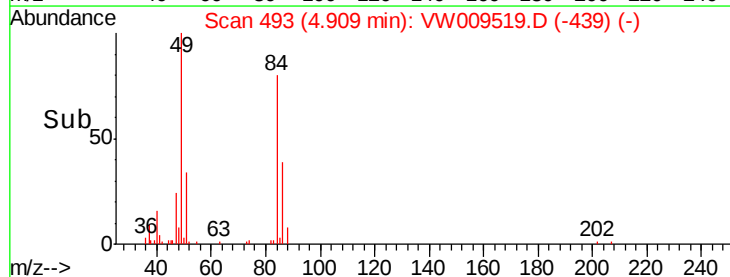
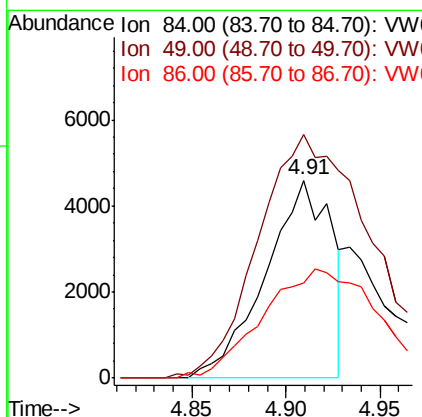
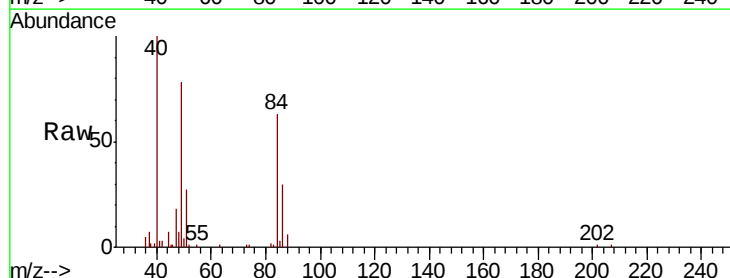
Instrument :
MSVOA_W
ClientSampled :
BF5K9

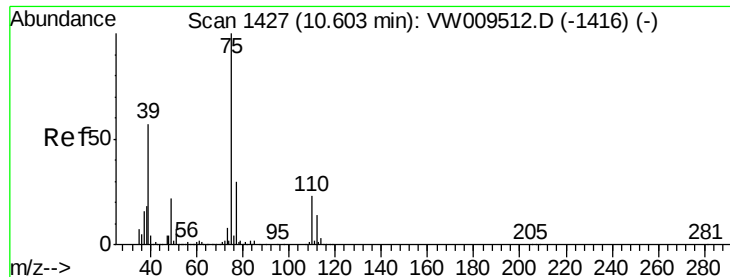
Tot Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 32.4 0.0 56.2



#16
Methylene chloride
Concen: 2.152 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009519.D
Acq: 28 Mar 2019 00:33

Tgt Ion: 84 Resp: 11214
Ion Ratio Lower Upper
84 100
49 123.1 96.0 178.2
86 48.2 44.4 82.5





#45

trans-1,3-Dichloropropene

Concen: 0.334 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW009519.D

Acq: 28 Mar 2019 00:33

Instrument :

MSVOA_W

ClientSampled :

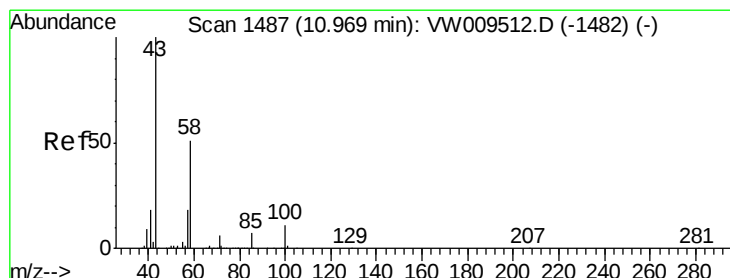
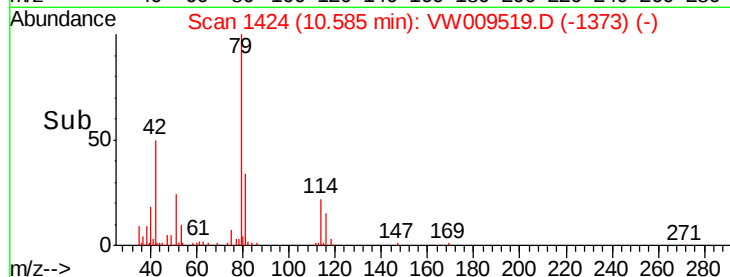
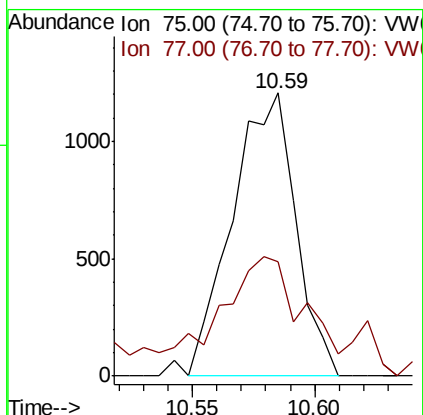
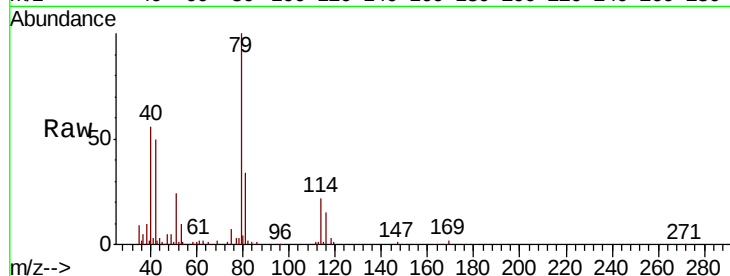
BF5K9

Tot Ion: 75 Resp: 2181

Ion Ratio Lower Upper

75 100

77 40.4 22.5 41.7



#49

2-Hexanone

Concen: 6.539 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009519.D

Acq: 28 Mar 2019 00:33

Tgt Ion: 43 Resp: 19226

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 0.9 8.9 13.3#

