

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009516.D
 Acq On : 27 Mar 2019 23:11
 Operator : SY/VA
 Sample : K2068-10
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5K6

Quant Time: Mar 28 07:46:42 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	324229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58562	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.44%
7) Chloroethane-d5	2.89	69	74162	16.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.44%
10) 1,1-Dichloroethene-d2	4.01	63	106887	12.76	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.04%
20) 2-Butanone-d5	7.07	46	67216	41.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.90%
24) Chloroform-d	7.64	84	195987	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.30	65	127689	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.84%
29) Benzene-d6	8.27	84	322771	18.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.76%
33) 1,2-Dichloropropane-d6	9.27	67	116520	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	273555	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.60%
38) trans-1,3-Dichloropropene-	10.58	79	45060	17.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.24%
39) 2-Hexanone-d5	10.93	63	43087	33.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115334	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	110233	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

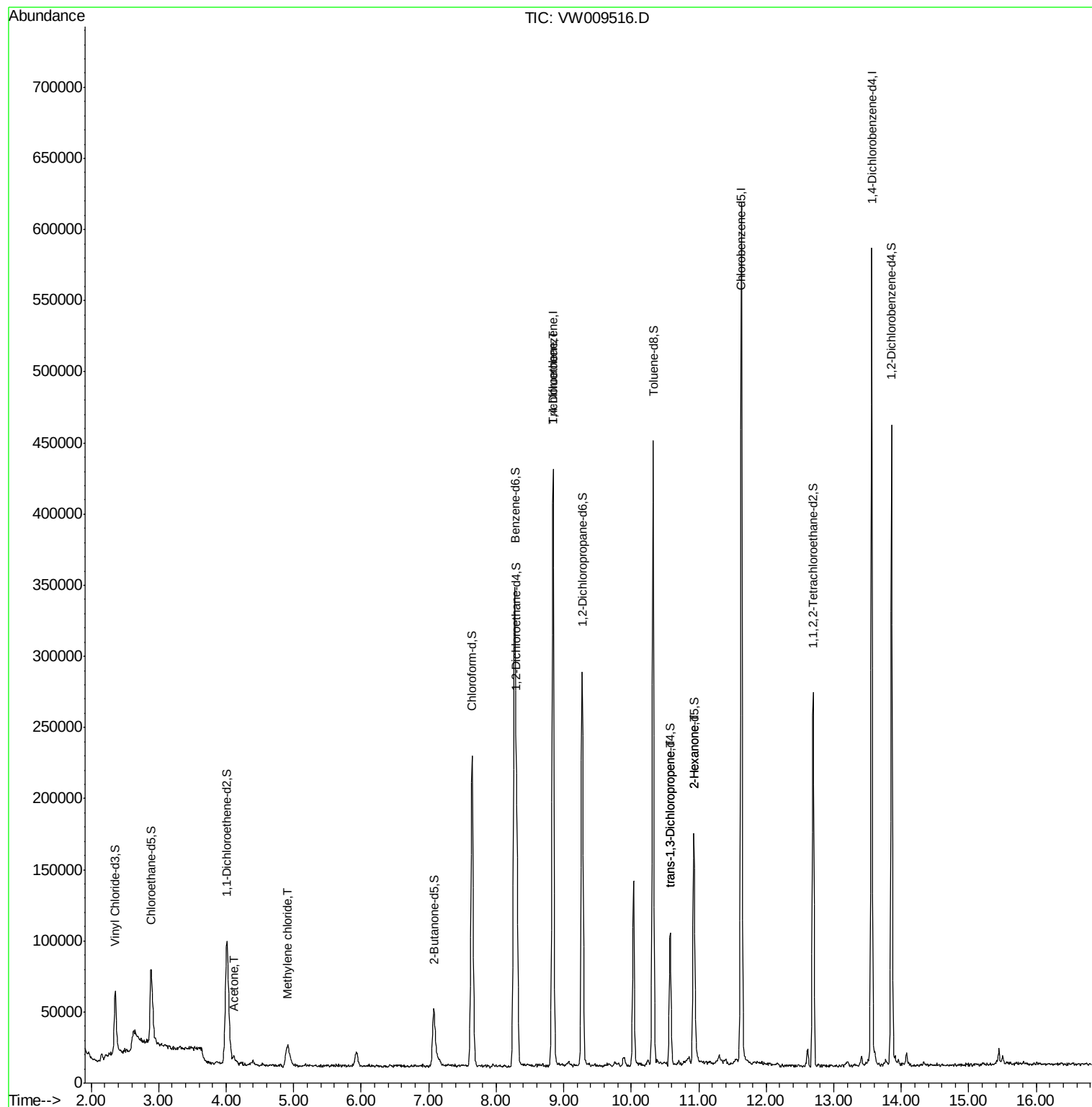
					Ovalue
13) Acetone	4.11	43	4098	3.119 ug/L	99
16) Methylene chloride	4.91	84	11100	2.348 ug/L	80
35) Trichloroethene	8.84	95	10441	2.255 ug/L #	4
45) trans-1,3-Dichloropropene	10.57	75	2642	0.418 ug/L	83
49) 2-Hexanone	10.93	43	11853	4.166 ug/L #	67

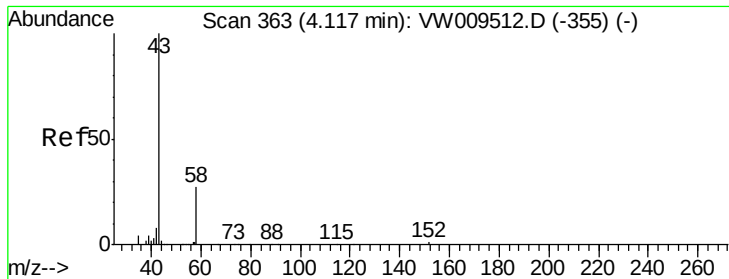
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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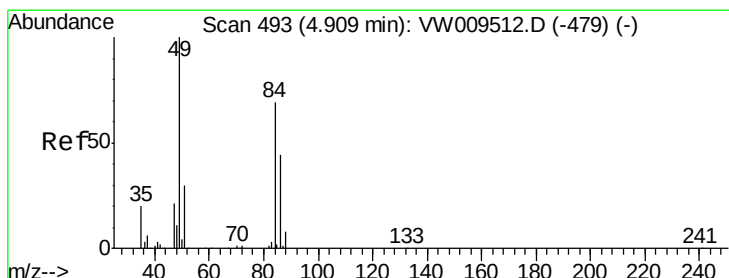
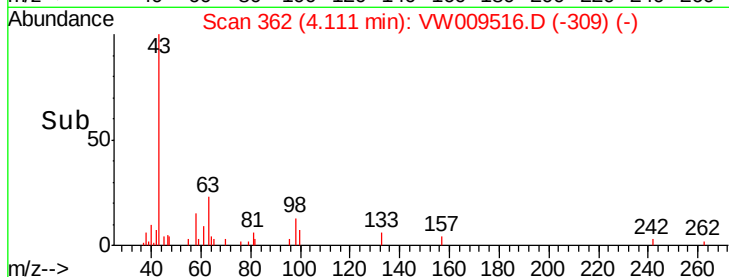
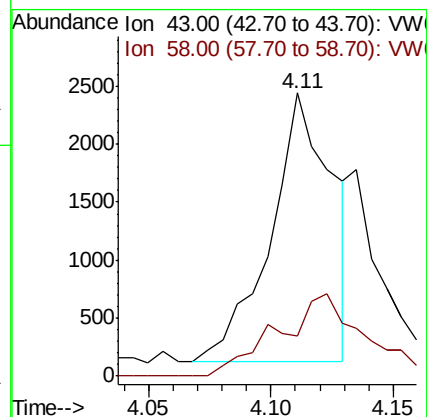
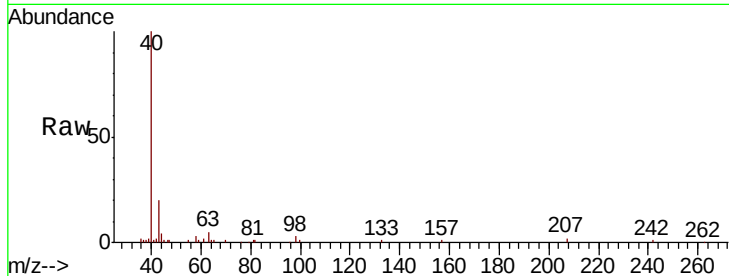




#13
Acetone
Concen: 3.119 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW009516.D
Acq: 27 Mar 2019 23:11

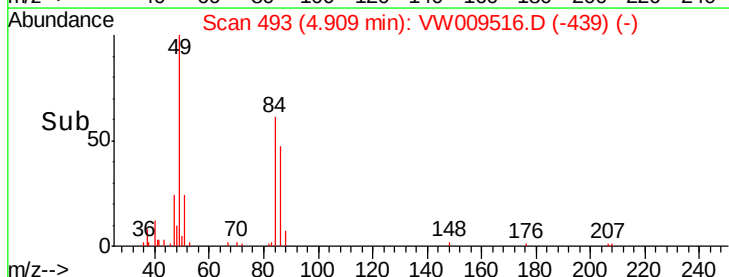
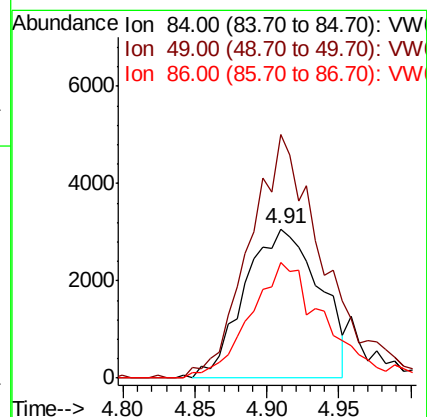
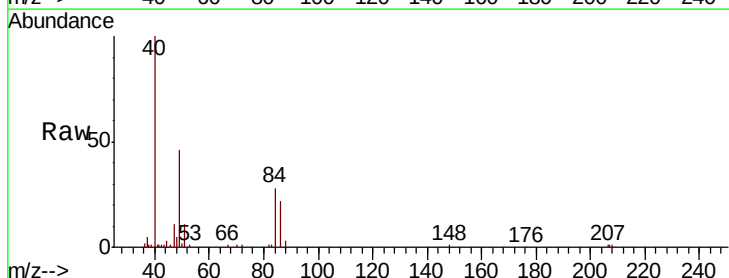
Instrument :
MSVOA_W
ClientSampled :
BF5K6

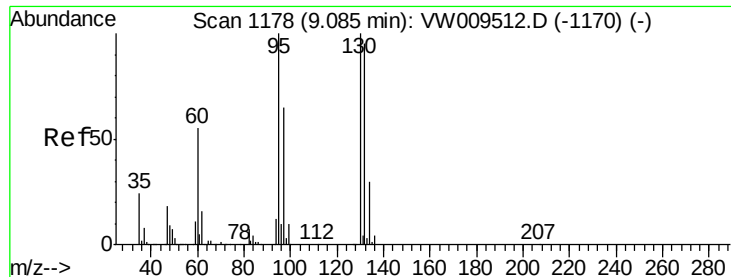
Tot Ion: 43 Resp: 4098
Ion Ratio Lower Upper
43 100
58 27.5 0.0 56.2



#16
Methylene chloride
Concen: 2.348 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009516.D
Acq: 27 Mar 2019 23:11

Tgt Ion: 84 Resp: 11100
Ion Ratio Lower Upper
84 100
49 163.0 96.0 178.2
86 77.1 44.4 82.5





#35

Trichloroethene

Concen: 2.255 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009516.D

Acq: 27 Mar 2019 23:11

Instrument :

MSVOA_W

ClientSampleId :

BF5K6

Tot Ion: 95 Resp: 10441

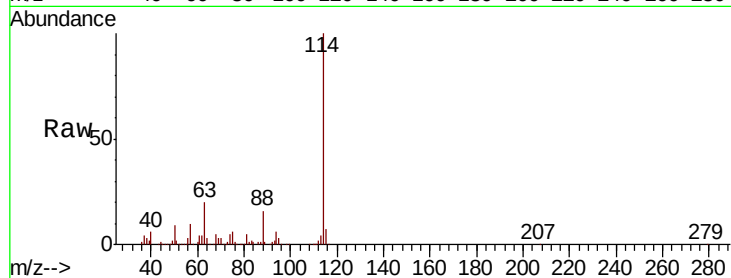
Ion Ratio Lower Upper

95 100

97 0.5 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

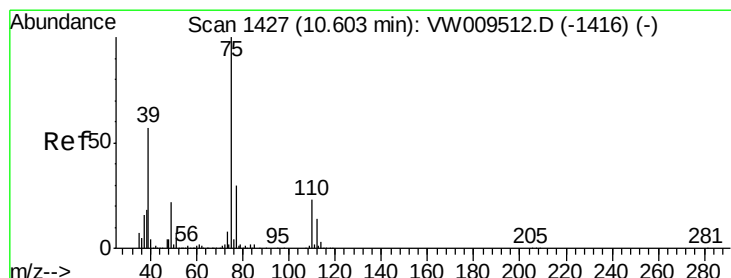
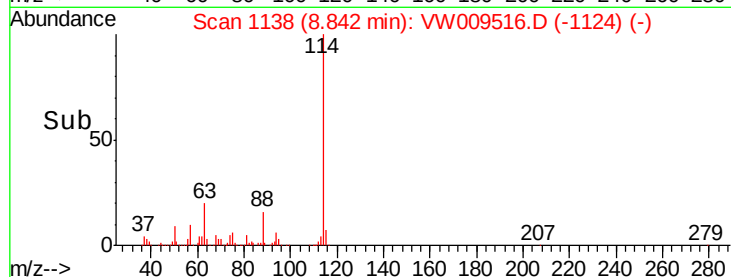
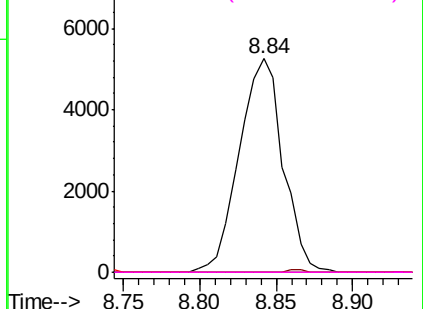


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

trans-1,3-Dichloropropene

Concen: 0.418 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009516.D

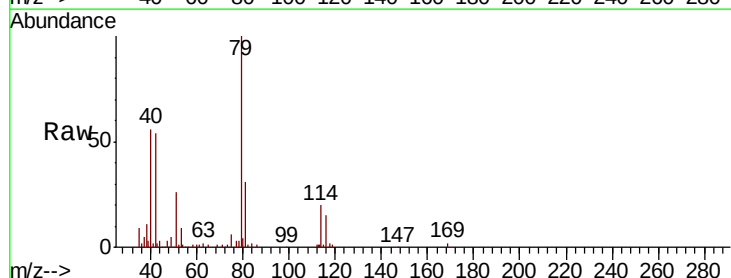
Acq: 27 Mar 2019 23:11

Tgt Ion: 75 Resp: 2642

Ion Ratio Lower Upper

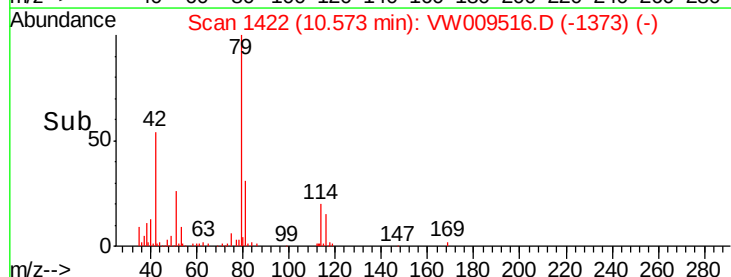
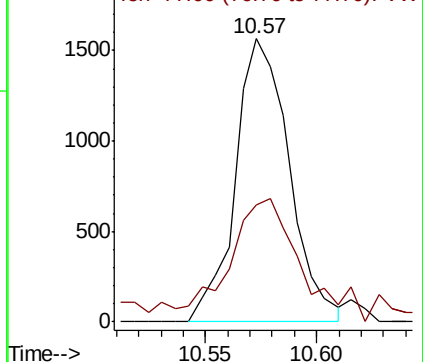
75 100

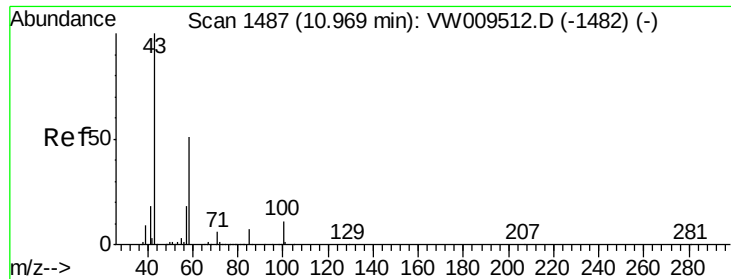
77 41.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 4.166 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009516.D

Acq: 27 Mar 2019 23:11

Instrument :

MSVOA_W

ClientSampleId :

BF5K6

Tot Ion: 43 Resp: 11853

Ion Ratio Lower Upper

43 100

58 20.8 39.2 58.8#

57 25.9 14.2 21.2#

100 3.7 8.9 13.3#

