

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009510.D
 Acq On : 27 Mar 2019 18:29
 Operator : SY/VA
 Sample : K2065-17
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC99

Quant Time: Mar 28 05:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370338	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346248	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74385	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	2.89	69	83869	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.80%
10) 1,1-Dichloroethene-d2	4.01	63	122925	12.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.40%
20) 2-Butanone-d5	7.19	46	403	0.22	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.44%#
24) Chloroform-d	7.64	84	214744	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.38	65	106	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	367677	19.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.00%
33) 1,2-Dichloropropane-d6	9.27	67	121667	21.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.84%
37) Toluene-d8	10.32	98	308906	17.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.00%
38) trans-1,3-Dichloropropene-	10.58	79	49078	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.16%
39) 2-Hexanone-d5	10.93	63	41570	29.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111499	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	115625	20.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.60%

Target Compounds

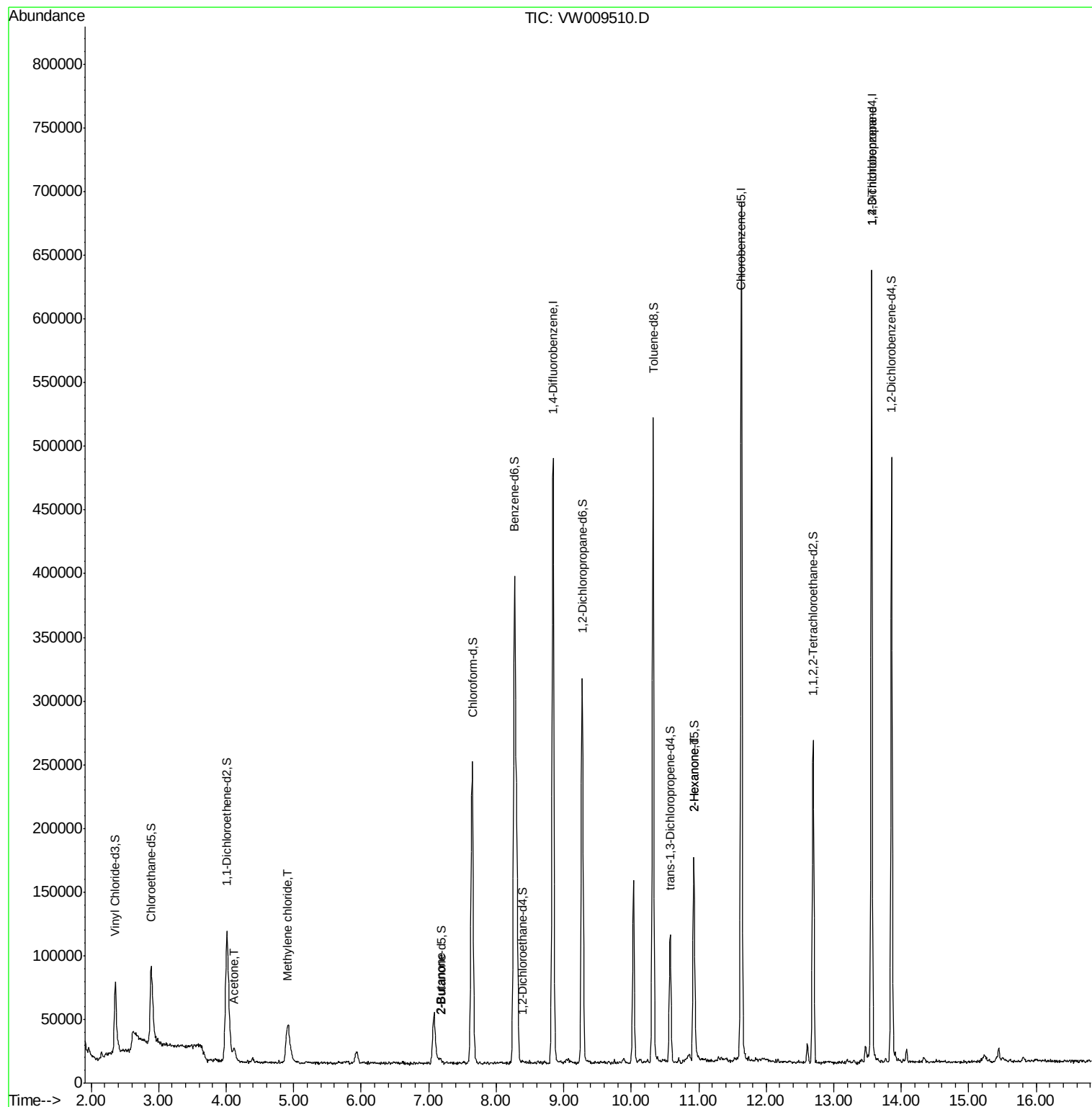
					Ovalue
13) Acetone	4.11	43	7572	5.045 ug/L	50
16) Methylene chloride	4.91	84	14357	2.658 ug/L	91
21) 2-Butanone	7.18	43	1948	0.940 ug/L	94
49) 2-Hexanone	10.93	43	7255	2.338 ug/L #	84
59) 1,2,3-Trichloropropane	13.56	75	19891	5.121 ug/L	95

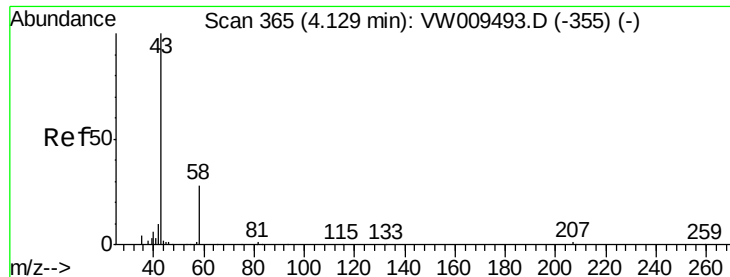
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.045 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW009510.D

Acq: 27 Mar 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

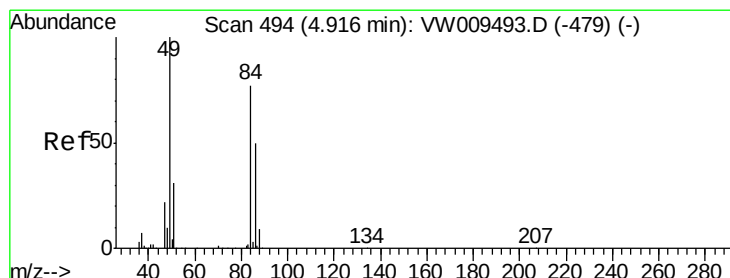
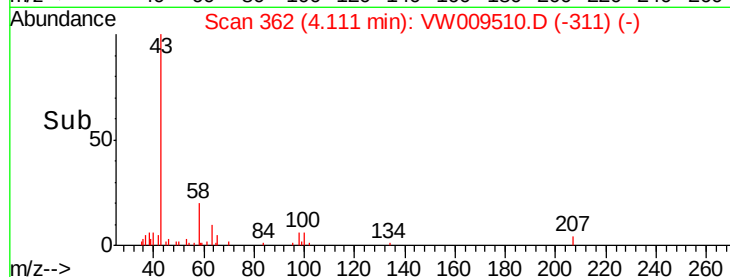
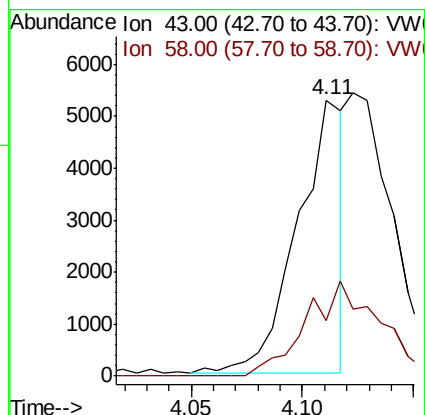
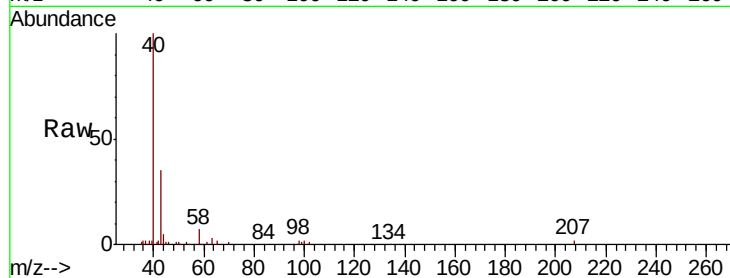
BFC99

Tot Ion: 43 Resp: 7572

Ion Ratio Lower Upper

43 100

58 54.6 0.0 56.2



#16

Methylene chloride

Concen: 2.658 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009510.D

Acq: 27 Mar 2019 18:29

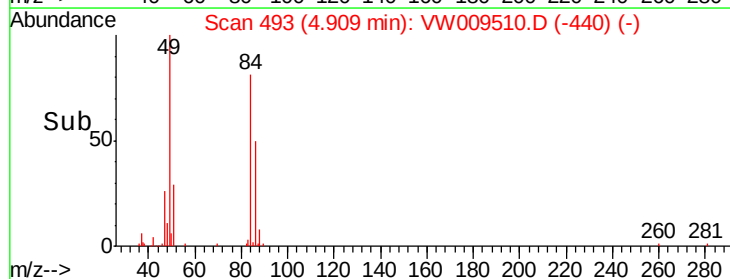
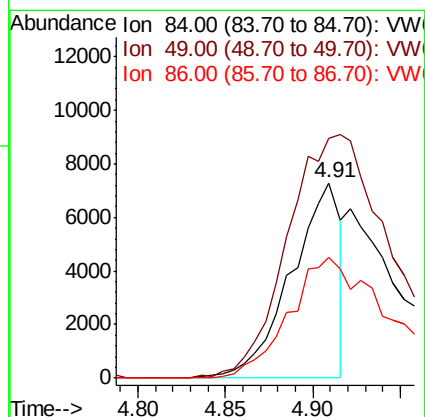
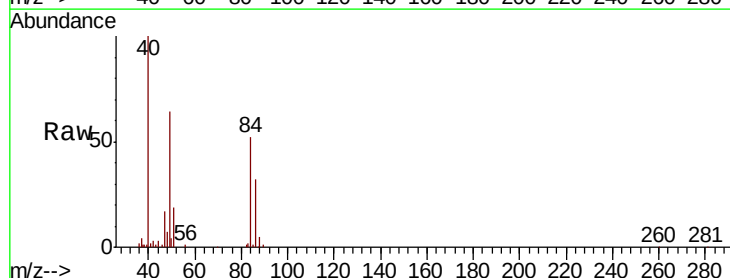
Tgt Ion: 84 Resp: 14357

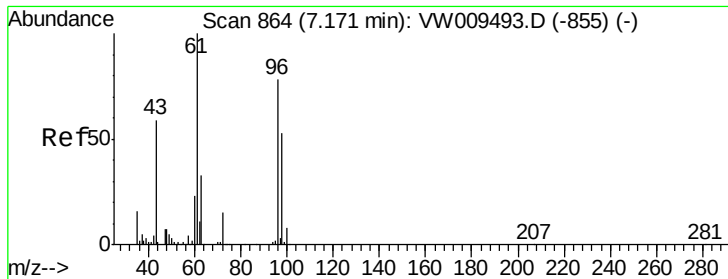
Ion Ratio Lower Upper

84 100

49 123.0 96.0 178.2

86 62.0 44.4 82.5





#21

2-Butanone

Concen: 0.940 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009510.D

Acq: 27 Mar 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

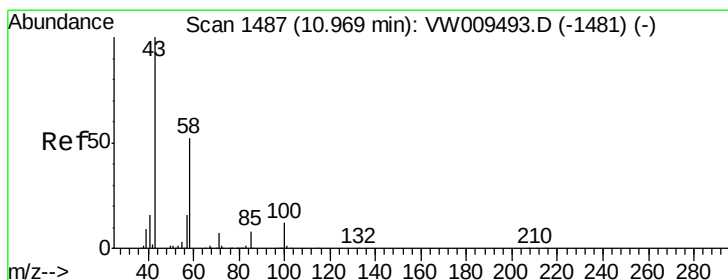
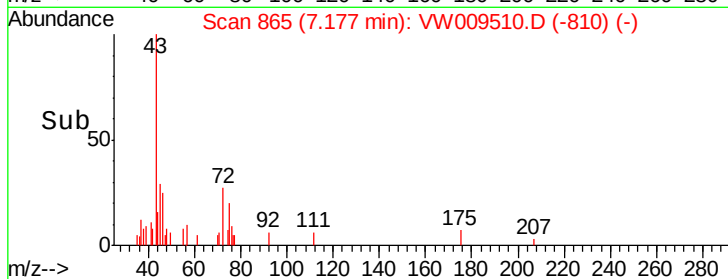
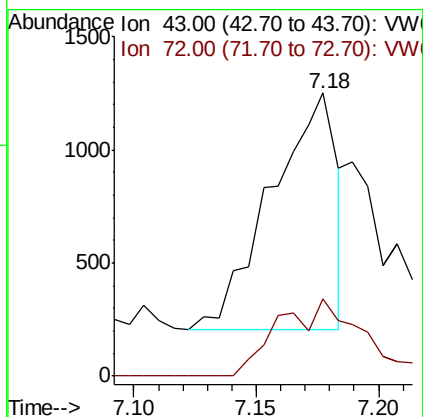
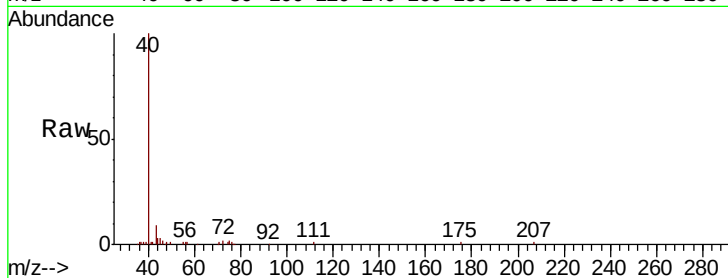
BFC99

Tot Ion: 43 Resp: 1948

Ion Ratio Lower Upper

43 100

72 22.9 13.1 39.1



#49

2-Hexanone

Concen: 2.338 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009510.D

Acq: 27 Mar 2019 18:29

Tgt Ion: 43 Resp: 7255

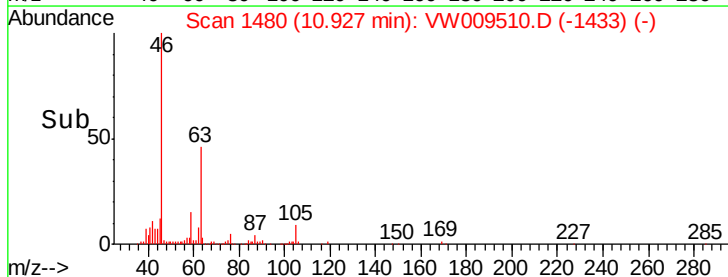
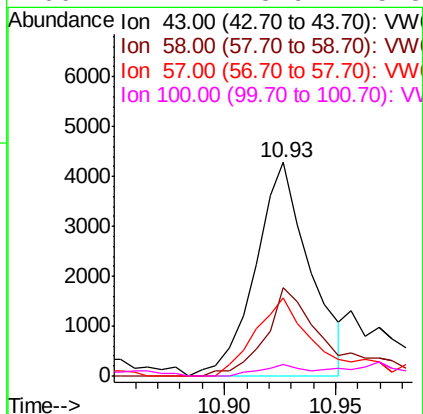
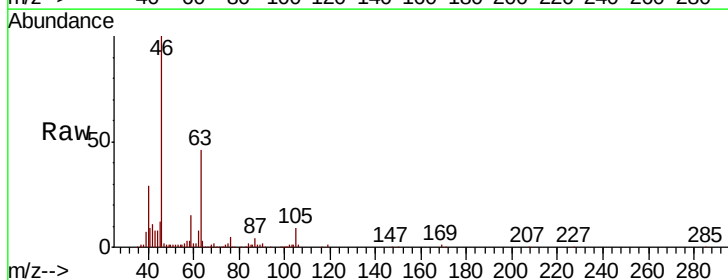
Ion Ratio Lower Upper

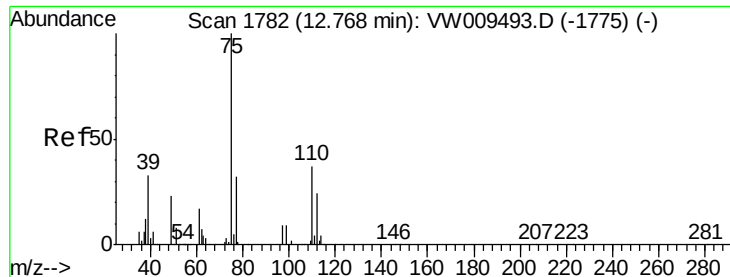
43 100

58 46.0 39.2 58.8

57 37.4 14.2 21.2#

100 4.2 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 5.121 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009510.D

Acq: 27 Mar 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

BFC99

Tot Ion: 75 Resp: 19891

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

