

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014329.D
 Acq On : 12 Dec 2019 16:36
 Operator : SY/VA
 Sample : K6236-19
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEZ6

Quant Time: Dec 13 06:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1134188	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1031514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	476143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	371993	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
7) Chloroethane-d5	2.89	69	303081	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
10) 1,1-Dichloroethene-d2	4.18	63	151	0.00	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.07	46	189846	42.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.84%
24) Chloroform-d	7.65	84	704725	24.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	8.49	65	211	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1519038	25.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.52%
33) 1,2-Dichloropropane-d6	9.27	67	471758	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.32	98	1372668	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.44%
38) trans-1,3-Dichloropropene-	10.58	79	176355	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.92	63	148211	40.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	323137	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	460193	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

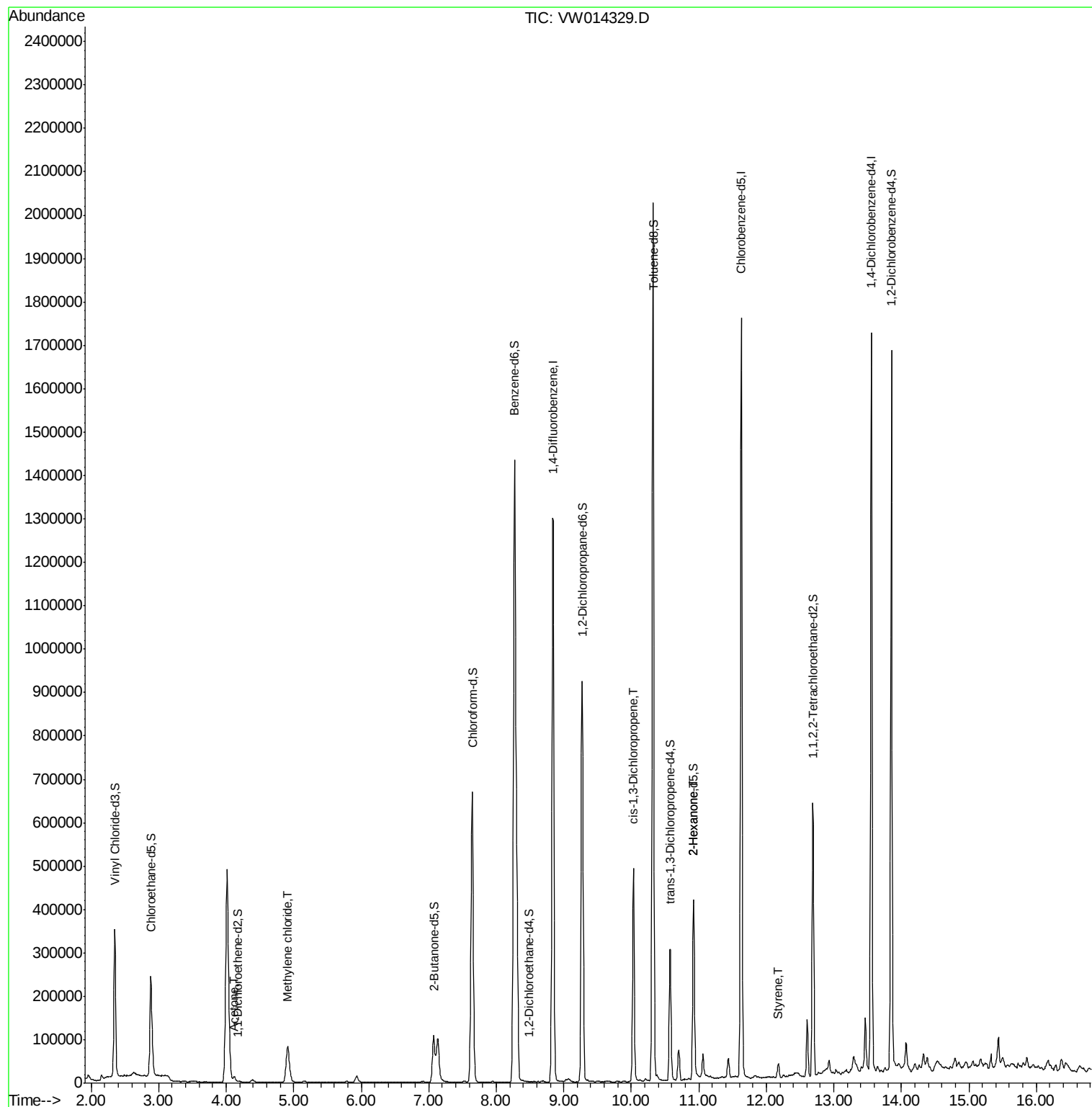
					Ovalue
13) Acetone	4.12	43	19453	4.508 ug/L	100
16) Methylene chloride	4.91	84	69651	4.006 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	10242	0.408 ug/L #	46
49) 2-Hexanone	10.92	43	17166	2.179 ug/L #	65
56) Styrene	12.18	104	16740	0.361 ug/L	88

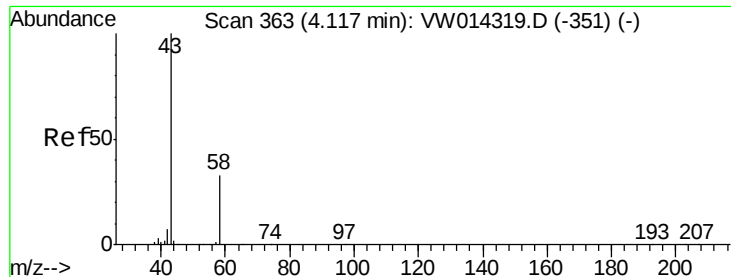
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.508 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014329.D

Acq: 12 Dec 2019 16:36

Instrument :

MSVOA_W

ClientSampled :

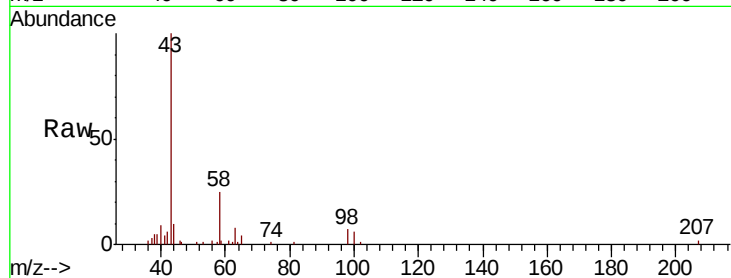
BFEZ6

Tot Ion: 43 Resp: 19453

Ion Ratio Lower Upper

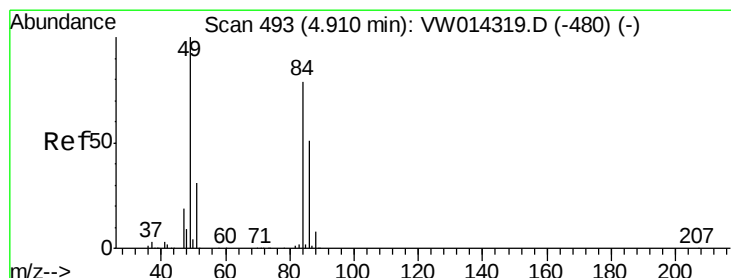
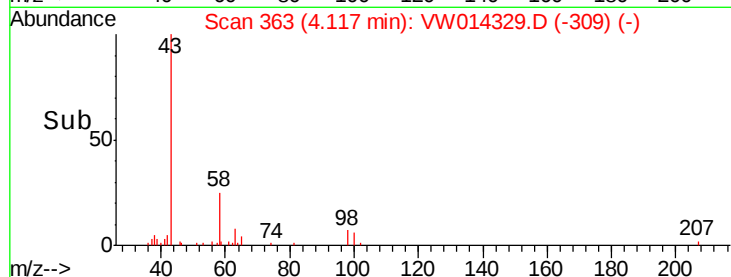
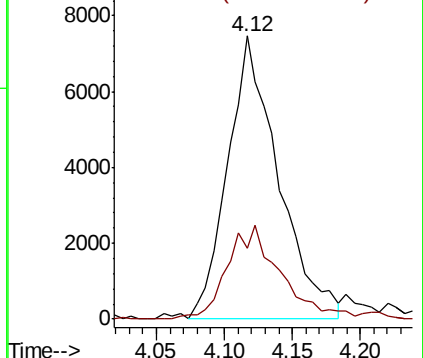
43 100

58 32.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.006 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW014329.D

Acq: 12 Dec 2019 16:36

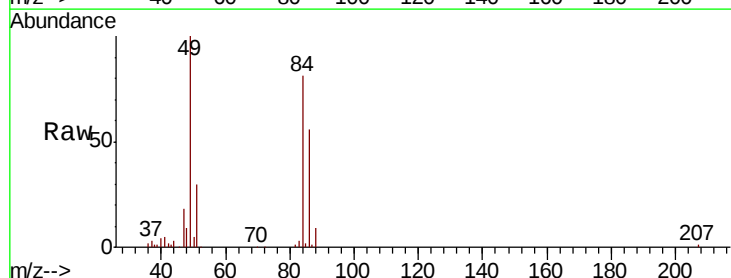
Tgt Ion: 84 Resp: 69651

Ion Ratio Lower Upper

84 100

49 123.4 84.2 156.4

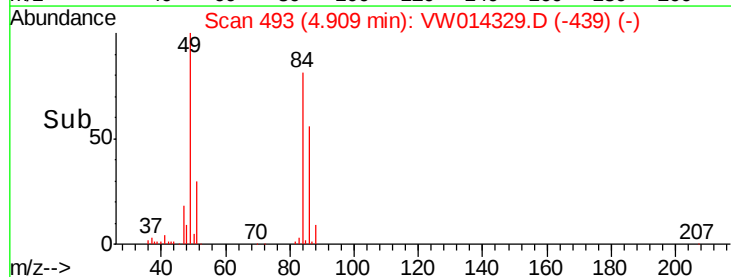
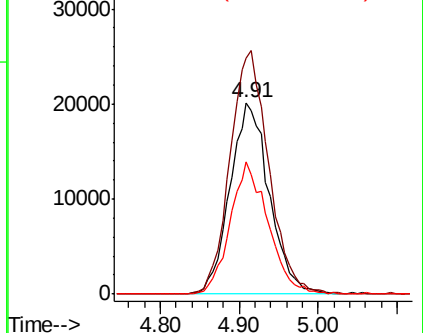
86 69.3 43.7 81.1

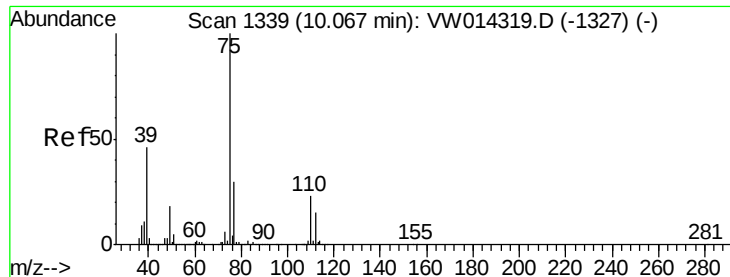


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014329.D

Acq: 12 Dec 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

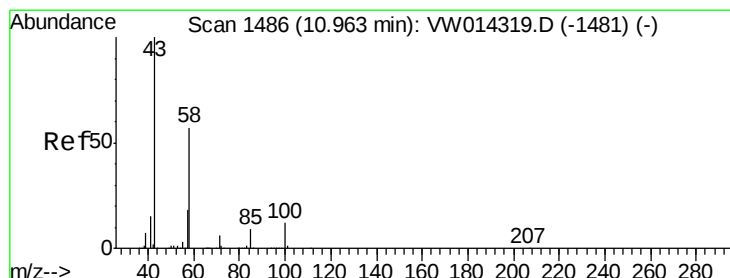
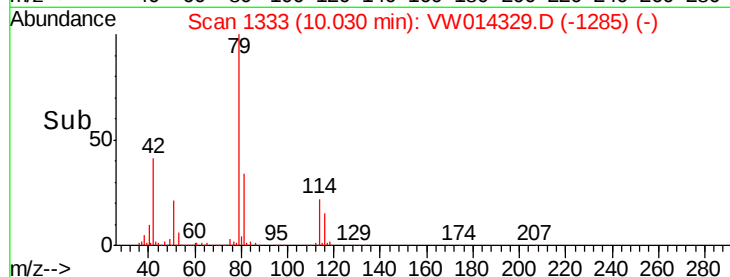
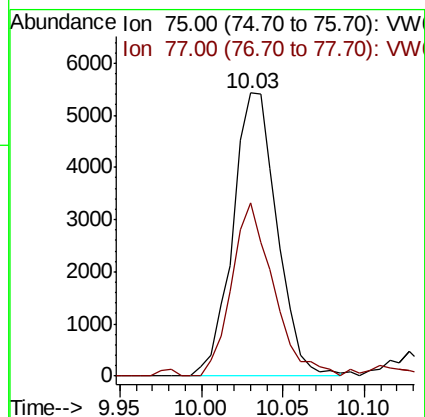
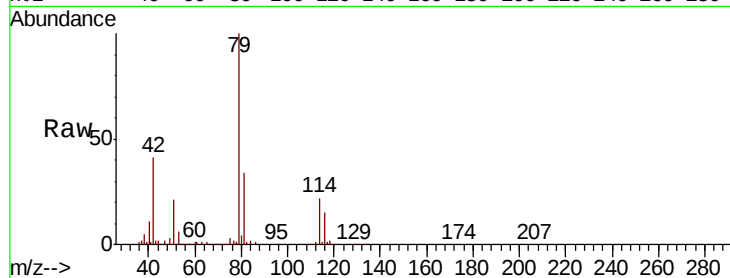
BFEZ6

Tot Ion: 75 Resp: 10242

Ion Ratio Lower Upper

75 100

77 61.4 22.1 41.1#



#49

2-Hexanone

Concen: 2.179 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014329.D

Acq: 12 Dec 2019 16:36

Tgt Ion: 43 Resp: 17166

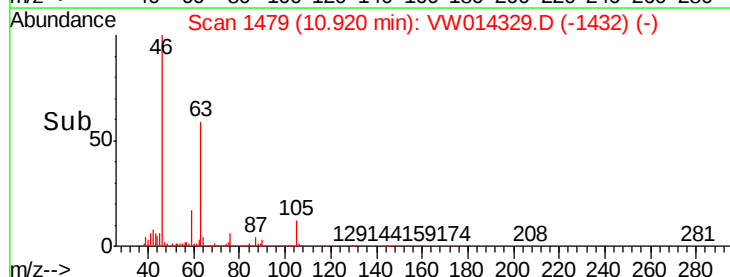
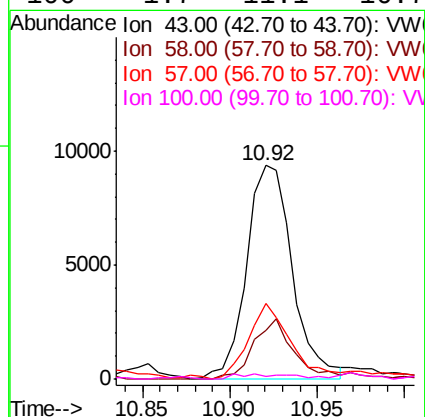
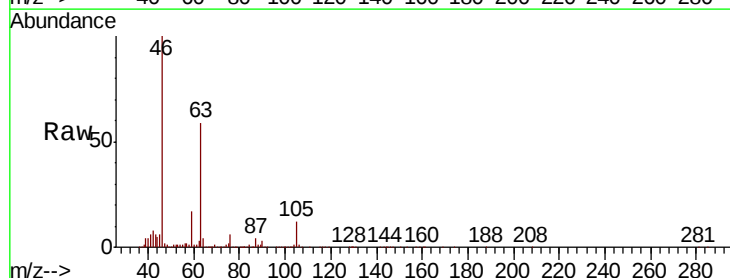
Ion Ratio Lower Upper

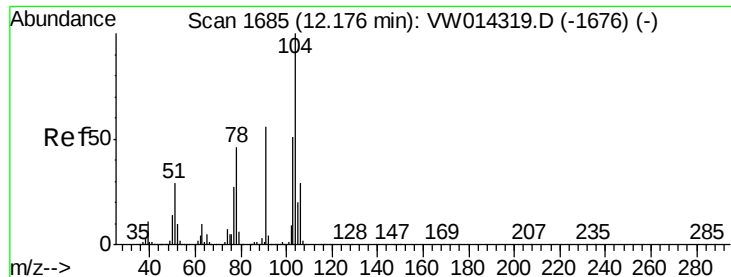
43 100

58 26.3 44.4 66.6#

57 32.7 16.5 24.7#

100 1.7 11.1 16.7#





#56

Stvrene

Concen: 0.361 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VW014329.D

Acq: 12 Dec 2019 16:36

Instrument :

MSVOA_W

ClientSampleId :

BFEZ6

Tot Ion:104 Resp: 16740

Ion Ratio Lower Upper

104 100

78 35.9 30.6 56.8

