

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014332.D
 Acq On : 12 Dec 2019 17:55
 Operator : SY/VA
 Sample : K6236-22
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEY3

Quant Time: Dec 13 06:11:35 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	1299314	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1037193	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	371784	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	424058	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.89	69	337652	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
10) 1,1-Dichloroethene-d2	4.20	63	333	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	172265	33.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.20%
24) Chloroform-d	7.64	84	756240	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.30	65	398179	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.84%
29) Benzene-d6	8.27	84	1612193	26.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.08%
33) 1,2-Dichloropropane-d6	9.27	67	502713	26.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.52%
37) Toluene-d8	10.32	98	1326721	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloropropene-	10.57	79	169859	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.92	63	136342	36.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	322419	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	327062	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds

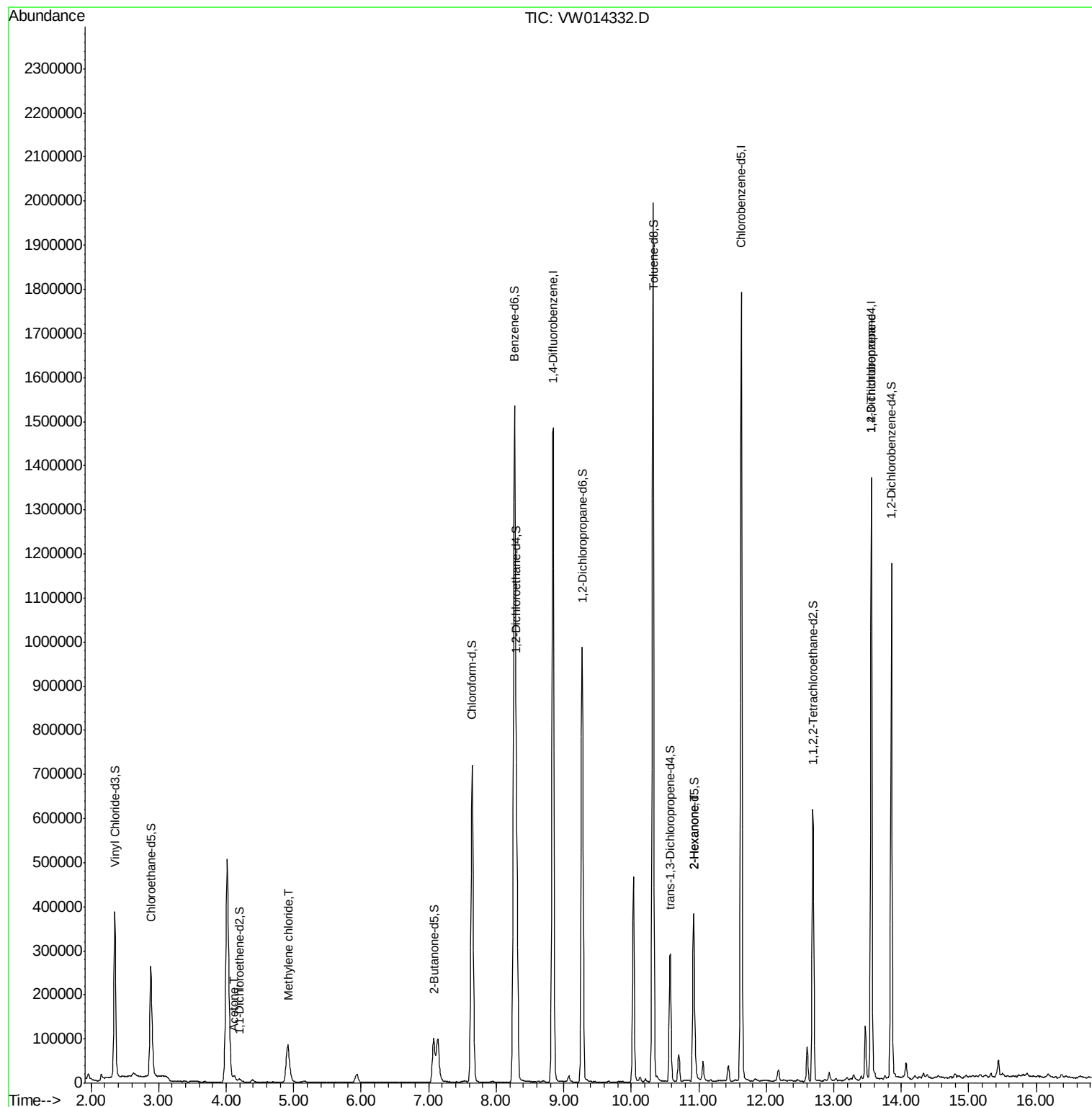
					Ovalue
13) Acetone	4.12	43	19644	3.974 ug/L	100
16) Methylene chloride	4.92	84	74404	3.735 ug/L	99
49) 2-Hexanone	10.93	43	17500	2.209 ug/L #	38
59) 1,2,3-Trichloropropane	13.55	75	42453	3.641 ug/L	94

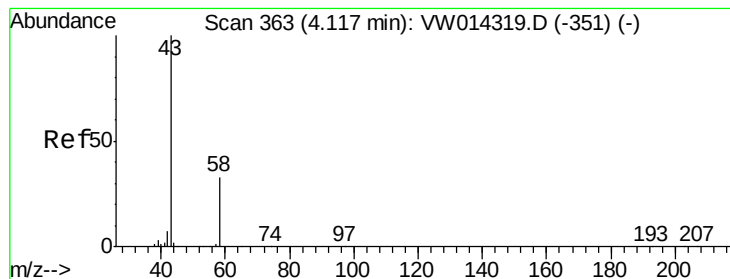
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121219\
Data File : VW014332.D
Acq On : 12 Dec 2019 17:55
Operator : SY/VA
Sample : K6236-22
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEY3

Quant Time: Dec 13 06:11:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.974 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

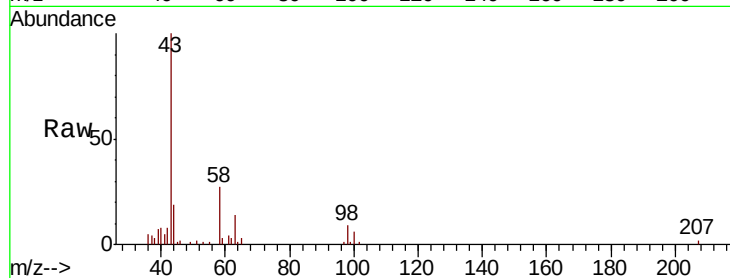
BFEY3

Tot Ion: 43 Resp: 19644

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

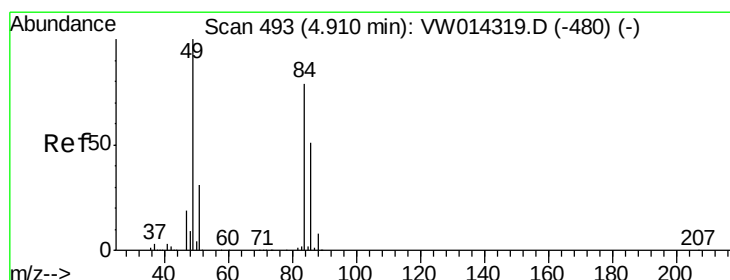
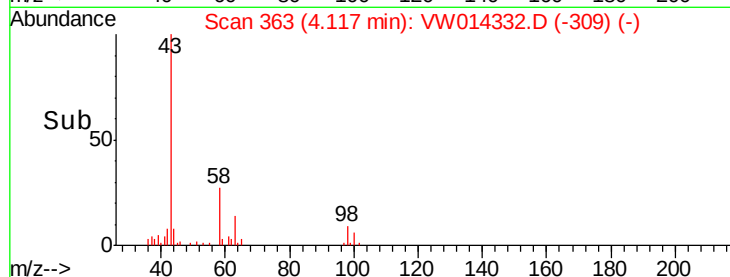
6000

4000

2000

0

Time--> 4.00 4.05 4.10 4.15



#16

Methylene chloride

Concen: 3.735 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

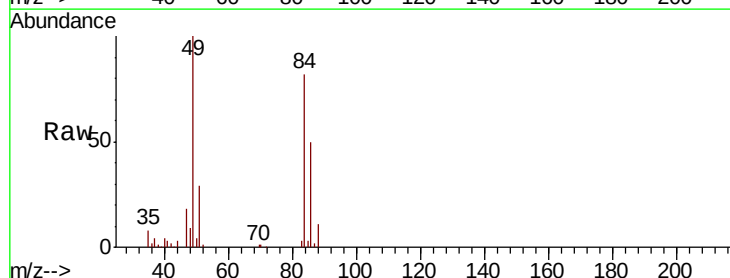
Tgt Ion: 84 Resp: 74404

Ion Ratio Lower Upper

84 100

49 122.1 84.2 156.4

86 61.5 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

4.92

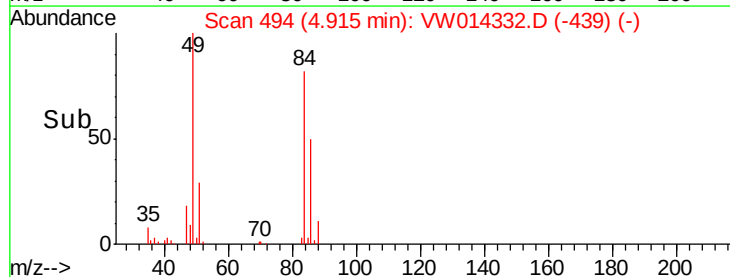
30000

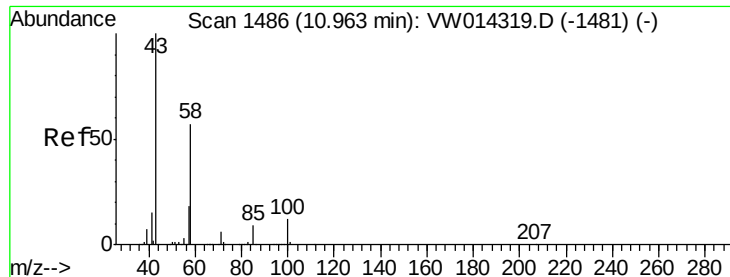
20000

10000

0

Time--> 4.80 4.90 5.00





#49

2-Hexanone

Concen: 2.209 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_W

ClientSampleId :

BFEY3

Tot Ion: 43 Resp: 17500

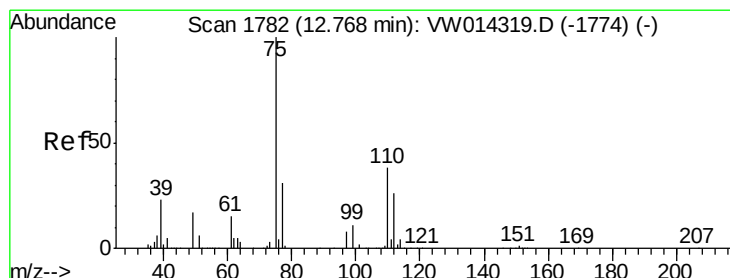
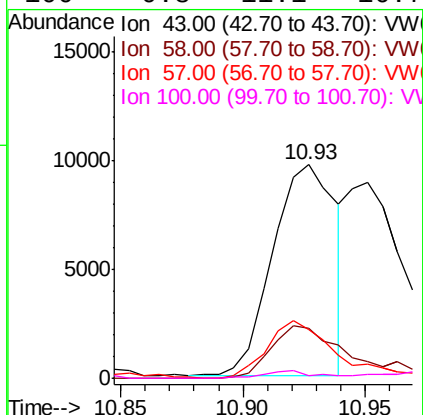
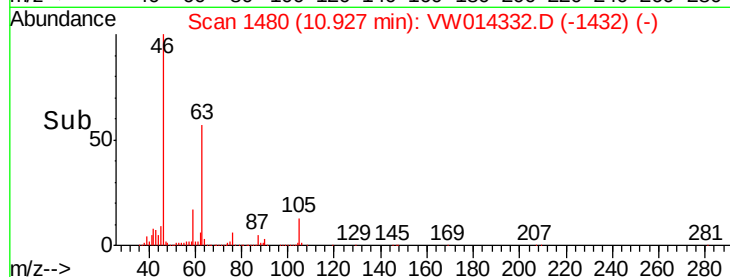
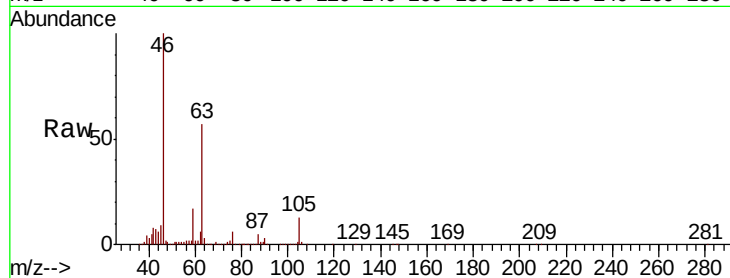
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 0.0 16.5 24.7#

100 0.8 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.641 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

Tgt Ion: 75 Resp: 42453

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9

