

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
 Data File : VU032910.D
 Acq On : 20 Jun 2019 19:14
 Operator : JC/SP
 Sample : K3413-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF4

Quant Time: Jun 21 08:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 07:36:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22475	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.68	69	20675	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	37369	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.19	46	98529	64.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.46%
24) Chloroform-d	4.64	84	53974	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.30	65	32347	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.33	84	99292	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.32	67	33578	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	87938	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	13555	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.31	63	71691	51.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30869	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39271	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

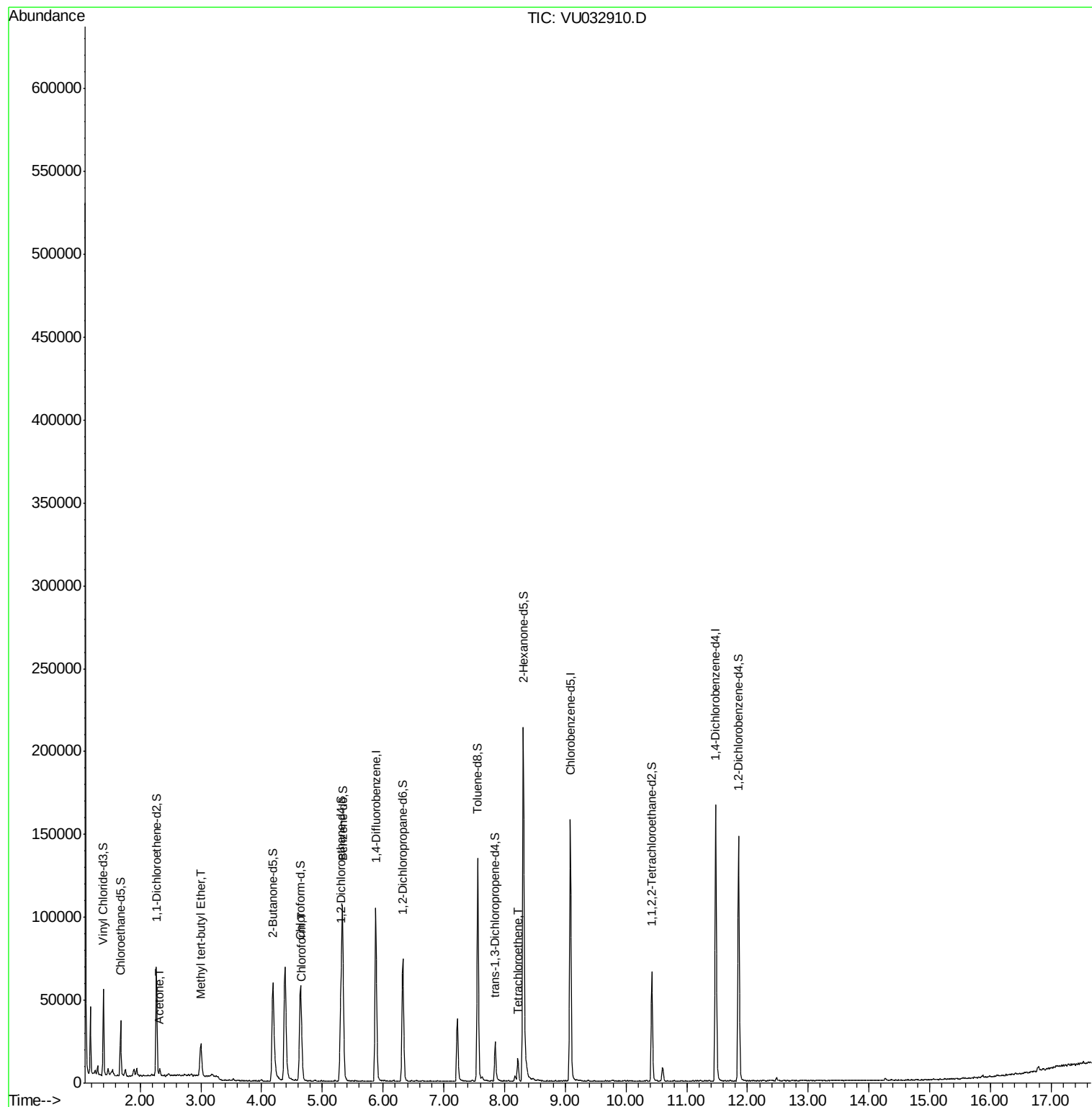
					Ovalue
13) Acetone	2.32	43	3326	2.794 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	18265	1.163 ug/L	94
25) Chloroform	4.67	83	6461	0.610 ug/L	85
47) Tetrachloroethene	8.22	164	3088	0.547 ug/L	93

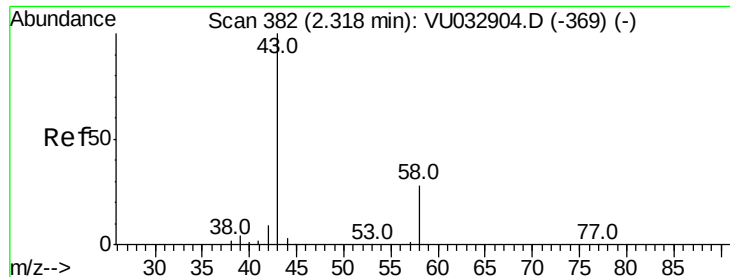
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.794 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

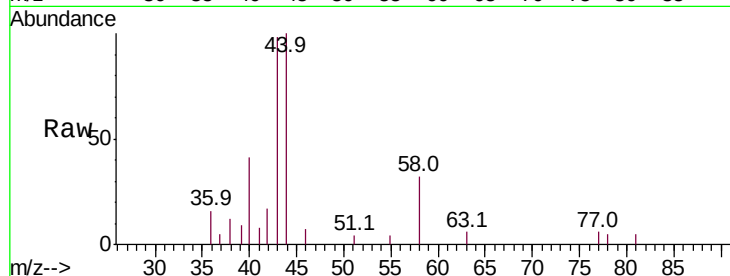
Instrument :
MSVOA_U
ClientSampleId :
GALF4

Tot Ion: 43 Resp: 3326

Ion Ratio Lower Upper

43 100

58 32.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032910.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032910.D (-289) (-)

2.32

2500

2000

1500

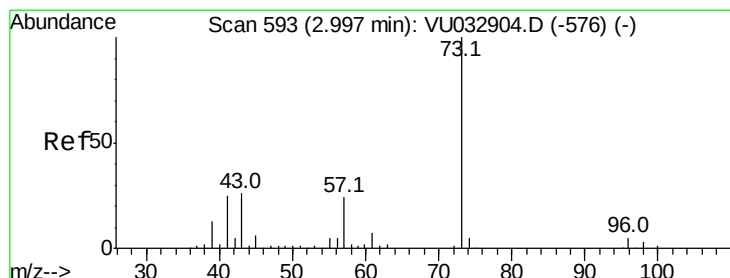
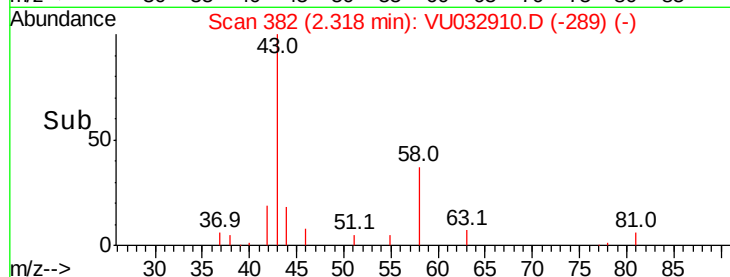
1000

500

0

2.30 2.35

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.163 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

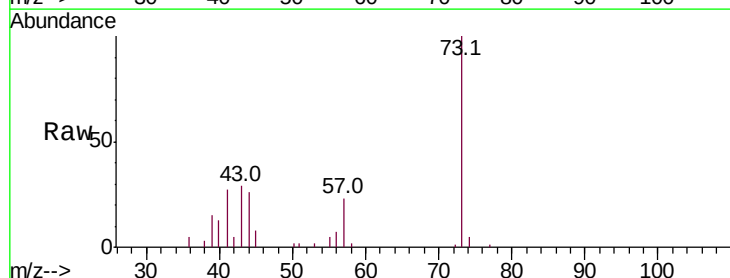
Tgt Ion: 73 Resp: 18265

Ion Ratio Lower Upper

73 100

43 26.8 18.6 27.8

57 25.2 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU032910.D (-500) (-)

Ion 43.05 (42.75 to 43.75): VU032910.D (-500) (-)

Ion 57.10 (56.80 to 57.80): VU032910.D (-500) (-)

3.00

10000

8000

6000

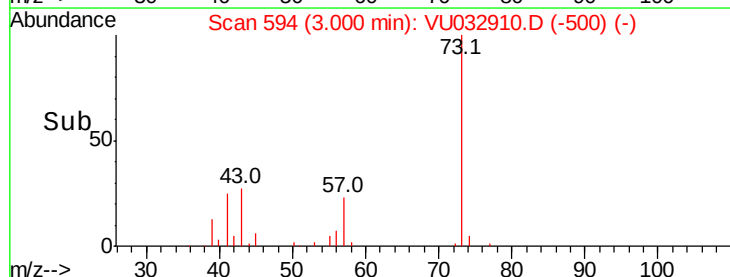
4000

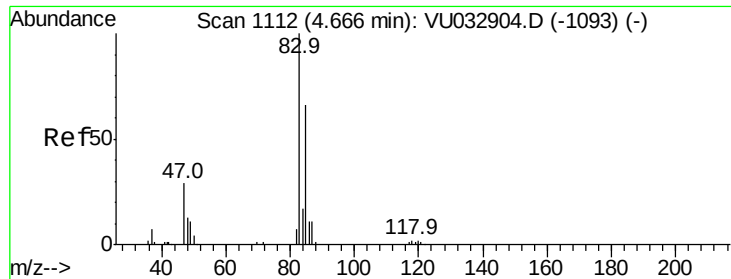
2000

0

2.90 2.95 3.00 3.05 3.10

Time-->





#25

Chloroform

Concen: 0.610 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

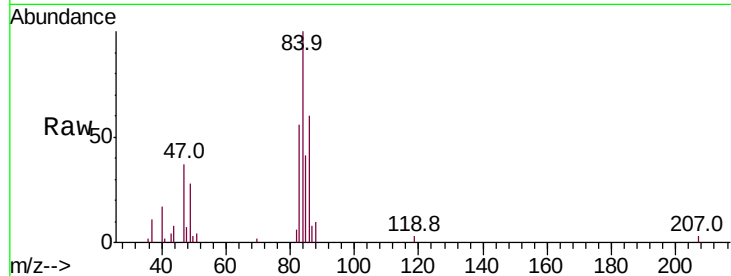
GALF4

Tot Ion: 83 Resp: 6461

Ion Ratio Lower Upper

83 100

85 73.9 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032910.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU032910.D (-1093) (-)

4.67

2500

2000

1500

1000

500

0

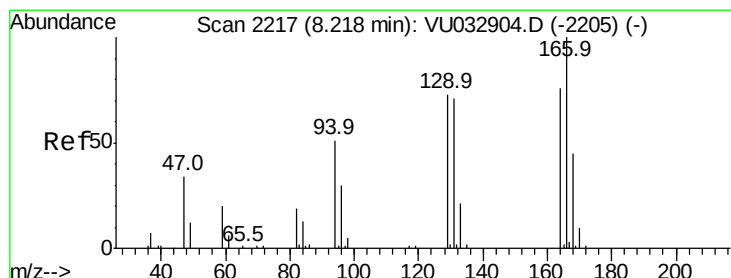
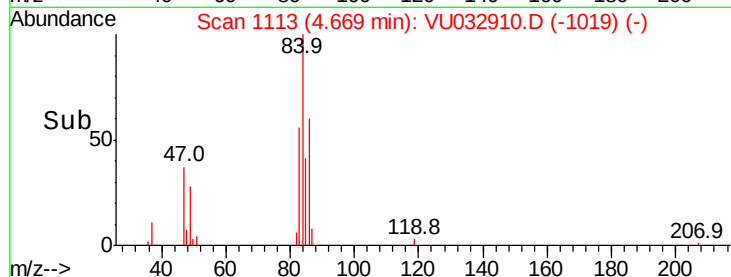
4.65

4.67

4.70

4.75

Time-->



#47

Tetrachloroethene

Concen: 0.547 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

Tgt Ion: 164 Resp: 3088

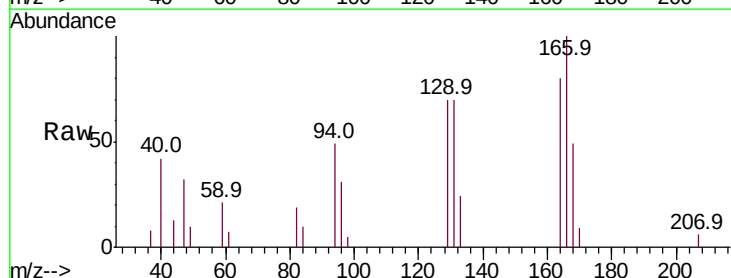
Ion Ratio Lower Upper

164 100

129 87.0 66.1 122.7

131 87.0 65.6 121.8

166 124.4 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): VU032910.D (-2124) (-)

Ion 128.95 (128.65 to 129.65): VU032910.D (-2124) (-)

Ion 130.95 (130.65 to 131.65): VU032910.D (-2124) (-)

Ion 165.90 (165.60 to 166.60): VU032910.D (-2124) (-)

3000

2000

1000

0

8.20

8.22

8.25

Time-->

