

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036125.D
 Acq On : 11 Dec 2019 11:54
 Operator : JC/MD
 Sample : K6167-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX7

Quant Time: Dec 12 06:53:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	284255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	128257	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	125948	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	138024	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.69	46	222781	51.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	5.11	84	211102	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	111984	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	406053	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	131358	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.93	98	333259	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	44180	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.70	63	173265	47.63	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105130	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	82697	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

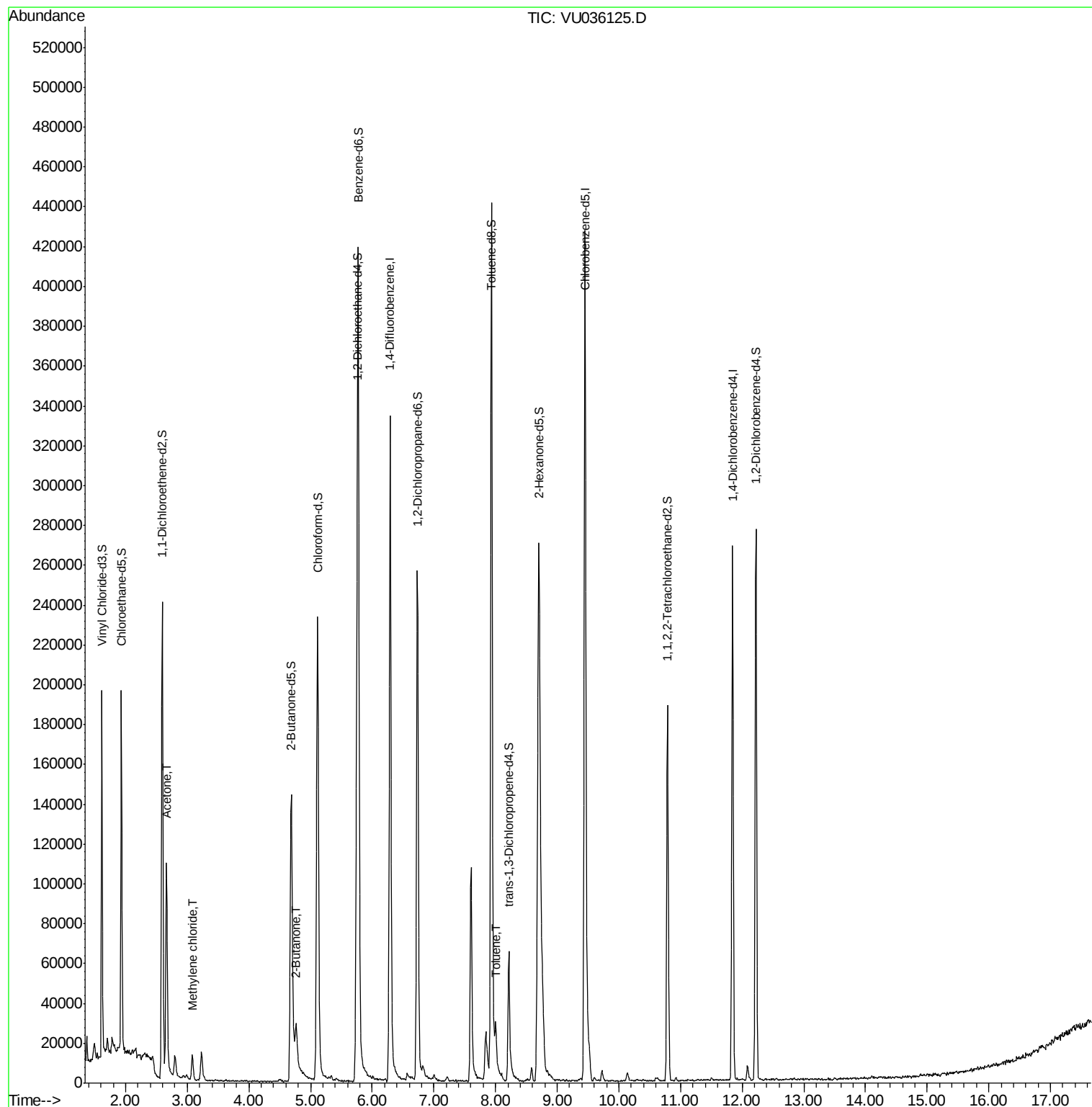
Target Compounds					Ovalue
13) Acetone	2.66	43	125727	22.941 ug/L	98
16) Methylene chloride	3.08	84	6398	0.223 ug/L	95
21) 2-Butanone	4.76	43	30539	5.567 ug/L	98
42) Toluene	8.01	91	14398	0.155 ug/L	89

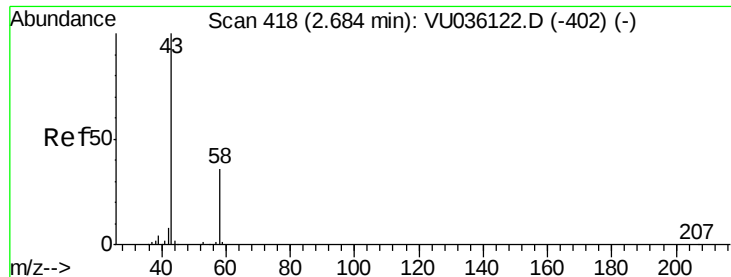
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.941 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

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Acq: 11 Dec 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

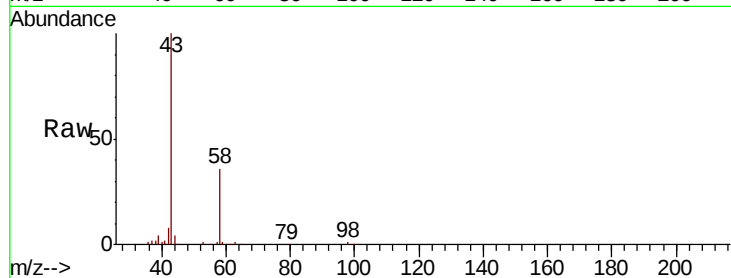
BFQX7

Tot Ion: 43 Resp: 125727

Ion Ratio Lower Upper

43 100

58 35.8 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036125.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036125.D (-325) (-)

2.66

80000

60000

40000

20000

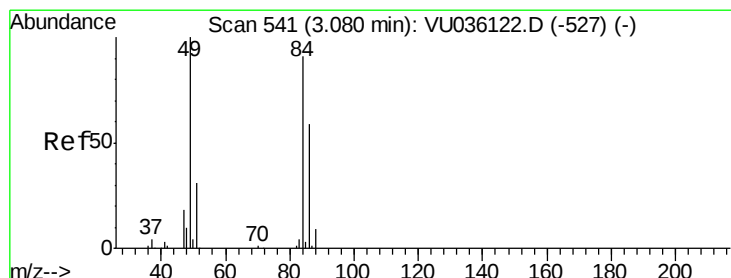
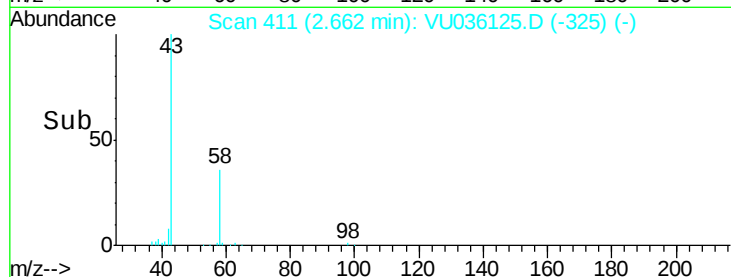
0

Time-->

2.60

2.70

2.80



#16

Methylene chloride

Concen: 0.223 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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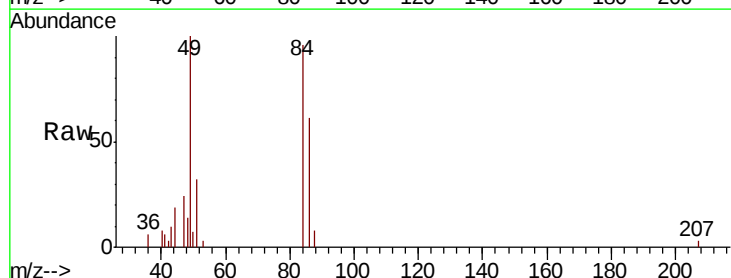
Tgt Ion: 84 Resp: 6398

Ion Ratio Lower Upper

84 100

86 64.2 47.5 88.3

49 104.5 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036125.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036125.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036125.D (-448) (-)

3.08

5000

4000

3000

2000

1000

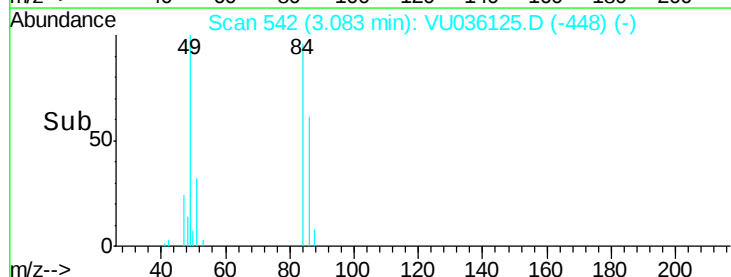
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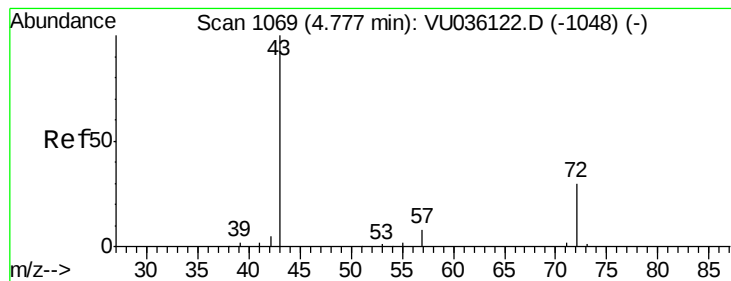
Time-->

3.05

3.10

3.15





#21

2-Butanone

Concen: 5.567 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. -0.01 min

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Acq: 11 Dec 2019 11:54

Instrument :

MSVOA_U

ClientSampled :

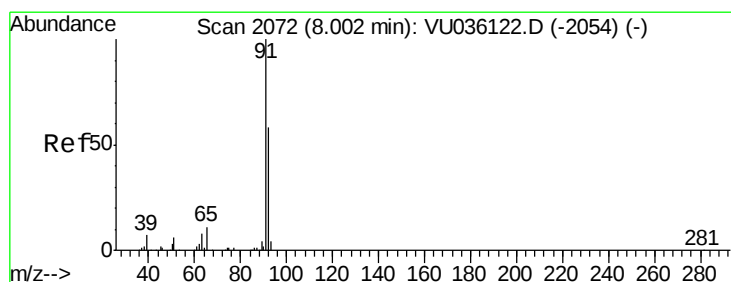
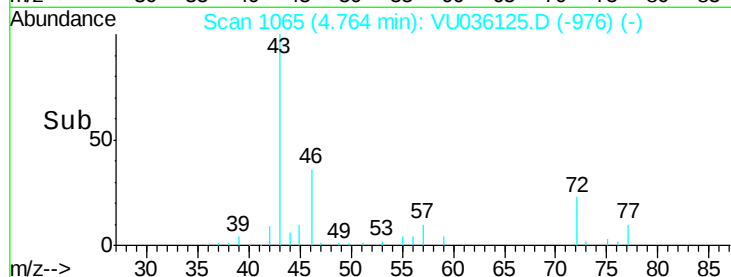
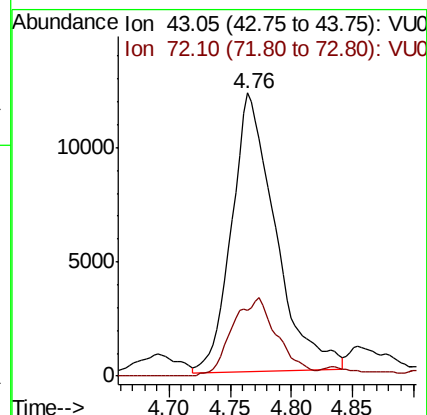
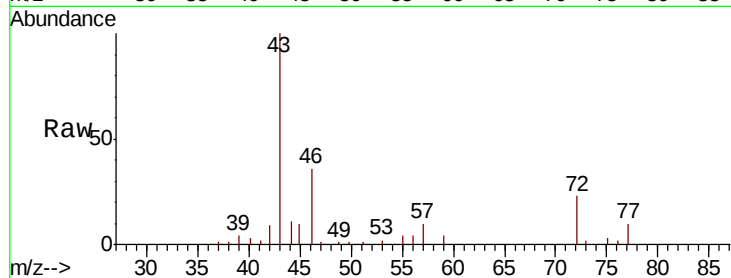
BFQX7

Tot Ion: 43 Resp: 30539

Ion Ratio Lower Upper

43 100

72 29.1 15.0 45.0



#42

Toluene

Concen: 0.155 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU036125.D

Acq: 11 Dec 2019 11:54

Tgt Ion: 91 Resp: 14398

Ion Ratio Lower Upper

91 100

92 49.3 40.0 74.4

