

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039219.D
 Acq On : 30 Jun 2020 04:47
 Operator : SY/MD
 Sample : L3116-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q30

Quant Time: Jun 30 07:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	210625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	215734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	97928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	53406	2.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.40%
7) Chloroethane-d5	1.93	69	53953	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.59	63	89311	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	4.67	46	280230	47.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	5.10	84	145653	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.74	65	91973	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.76	84	261015	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.72	67	88655	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.92	98	198863	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	8.20	79	33087	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.65	63	201164	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	76095	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	86821	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

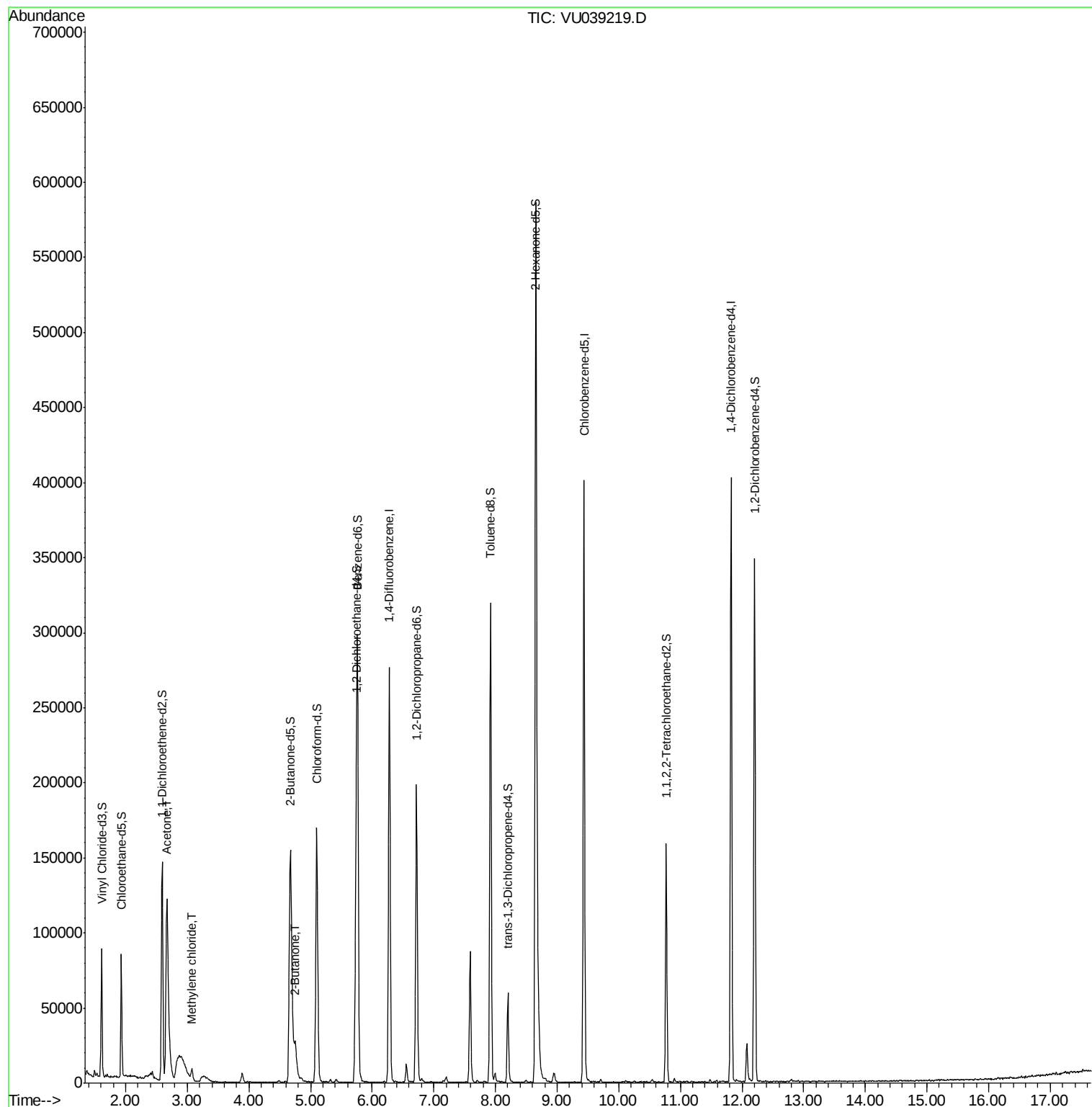
Target Compounds					Ovalue
13) Acetone	2.67	43	229955	63.526 ug/L	100
16) Methylene chloride	3.08	84	3198	0.172 ug/L	88
21) 2-Butanone	4.75	43	35591	6.191 ug/L	96

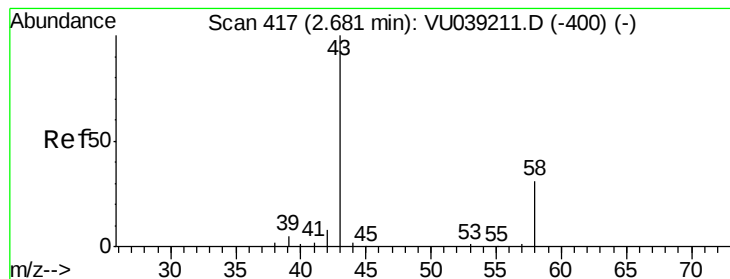
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 63.526 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039219.D

Acq: 30 Jun 2020 04:47

Instrument :

MSVOA_U

ClientSampleId :

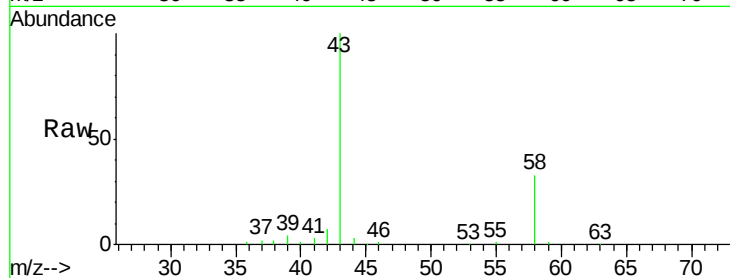
F9Q30

Tot Ion: 43 Resp: 229955

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039219.D (-447) (-)

Ion 58.05 (57.75 to 58.75): VU039219.D (-447) (-)

2.67

80000

60000

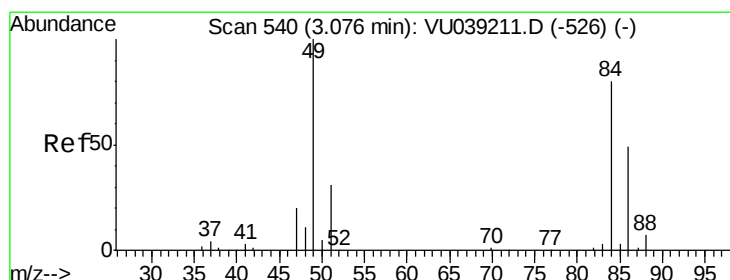
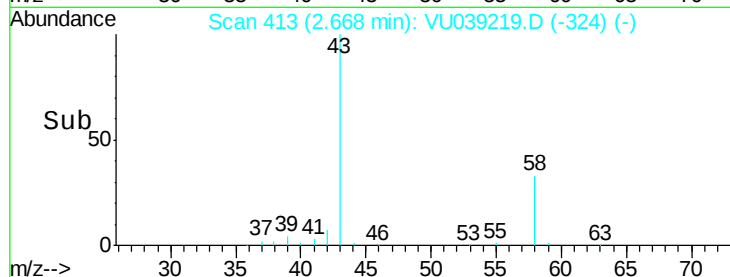
40000

20000

0

Time-->

2.60 2.70 2.80



#16

Methylene chloride

Concen: 0.172 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

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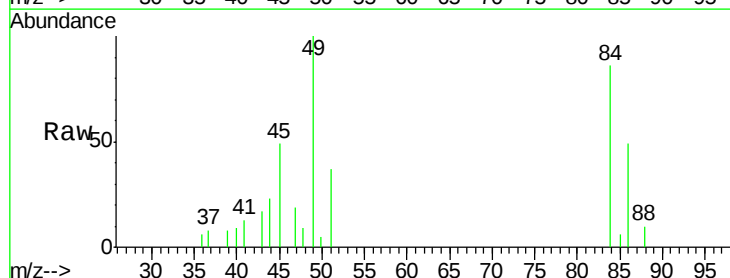
Tgt Ion: 84 Resp: 3198

Ion Ratio Lower Upper

84 100

86 57.3 44.2 82.2

49 116.5 93.2 173.0



Abundance Ion 84.05 (83.75 to 84.75): VU039219.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039219.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039219.D (-447) (-)

3000

2500

2000

1500

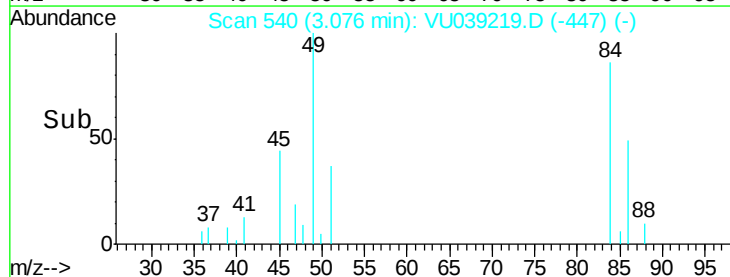
1000

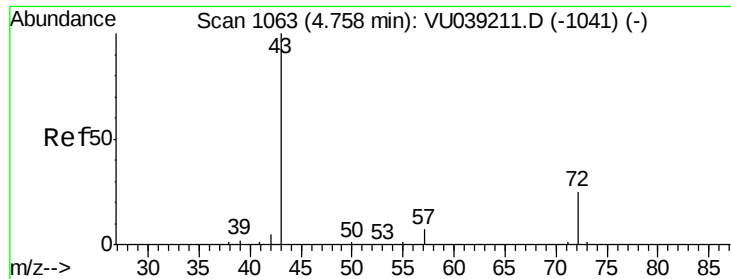
500

0

Time-->

3.05 3.10





#21

2-Butanone

Concen: 6.191 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

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Instrument :
MSVOA_U
ClientSampleId :
F9Q30

Tot Ion: 43 Resp: 35591

Ion Ratio Lower Upper

43 100

72 28.3 13.2 39.6

