

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051520\
 Data File : VU038189.D
 Acq On : 15 May 2020 11:48
 Operator : JC/MD
 Sample : L2647-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF2

Quant Time: May 16 03:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322353	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97477	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	100755	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.59	63	130898	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.68	46	414189	56.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.86%
24) Chloroform-d	5.10	84	199163	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.74	65	122119	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	409823	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	141925	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	354281	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	47620	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.66	63	305013	53.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113474	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	136479	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

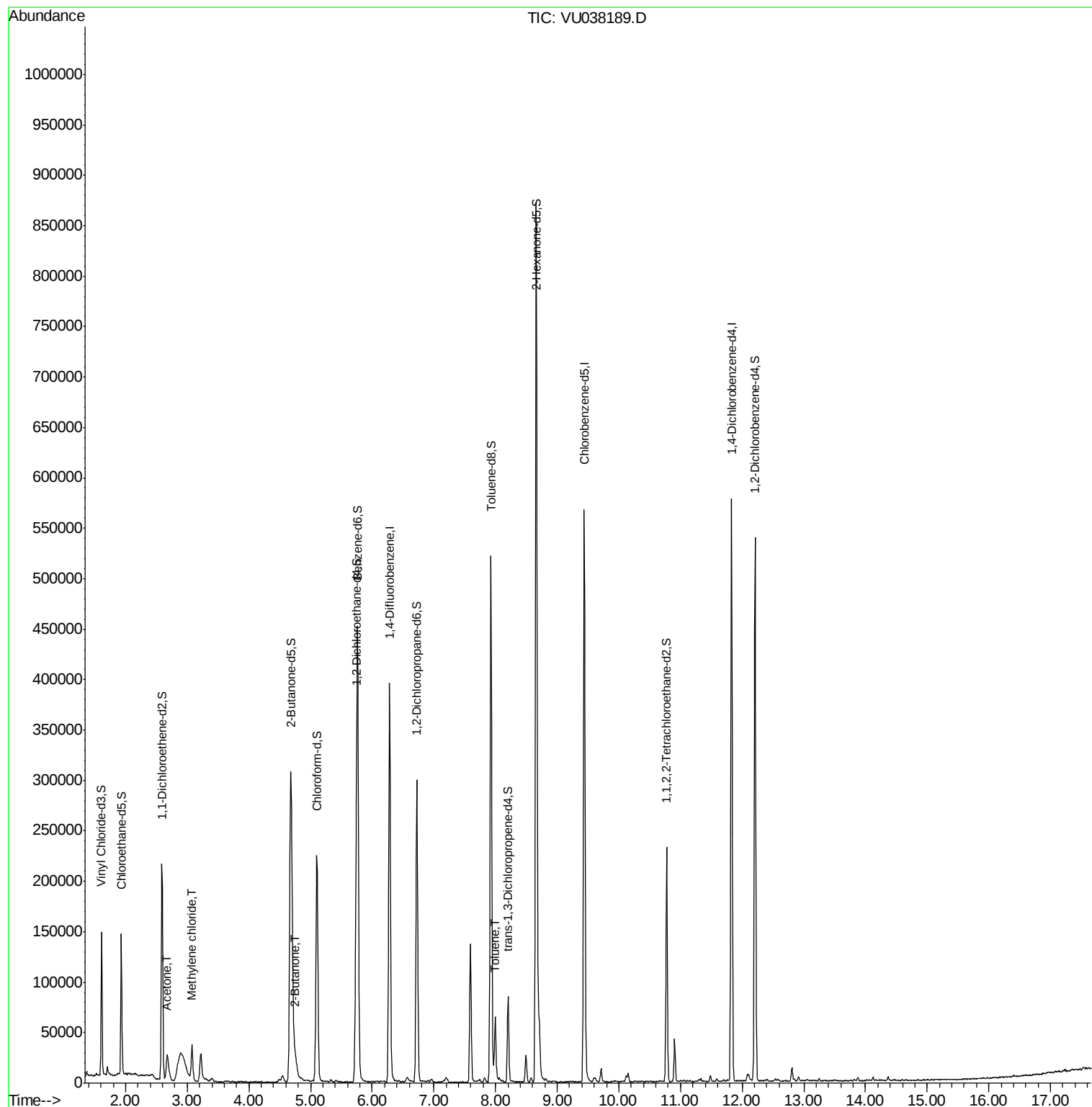
Target Compounds					Qvalue
13) Acetone	2.68	43	46857	10.27 ug/L	98
16) Methylene chloride	3.08	84	15403	0.59 ug/L	92
21) 2-Butanone	4.76	43	21072	2.62 ug/L	97
42) Toluene	8.00	91	45180	0.43 ug/L	98

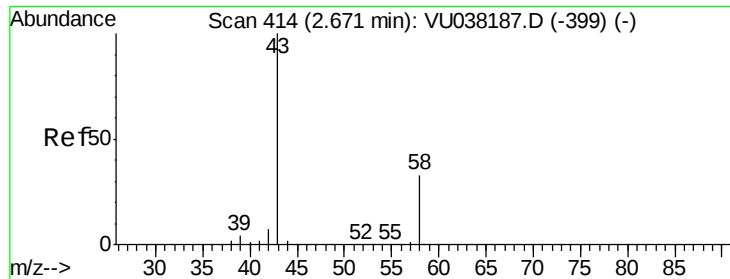
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.27 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU038189.D

Acq: 15 May 2020 11:48

Instrument :

MSVOA_U

ClientSampled :

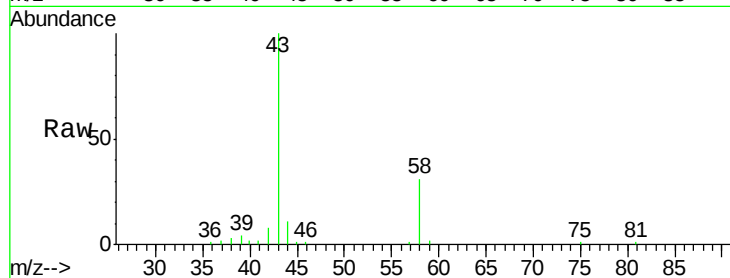
C0AF2

Tgt Ion: 43 Resp: 46857

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038189.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038189.D (-399) (-)

2.68

15000

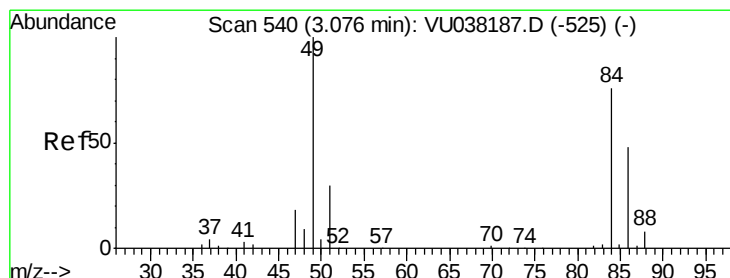
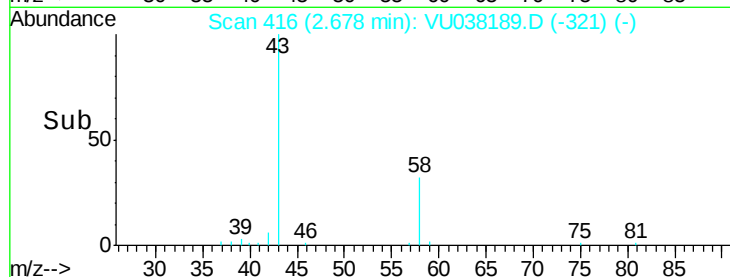
10000

5000

0

Time-->

2.60 2.70 2.80



#16

Methylene chloride

Concen: 0.59 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038189.D

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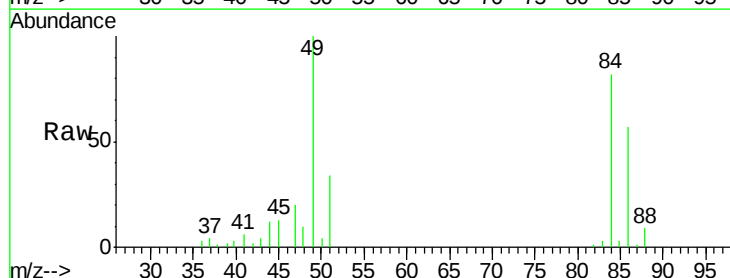
Tgt Ion: 84 Resp: 15403

Ion Ratio Lower Upper

84 100

86 69.3 44.9 83.3

49 121.7 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038189.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038189.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038189.D (-525) (-)

3.08

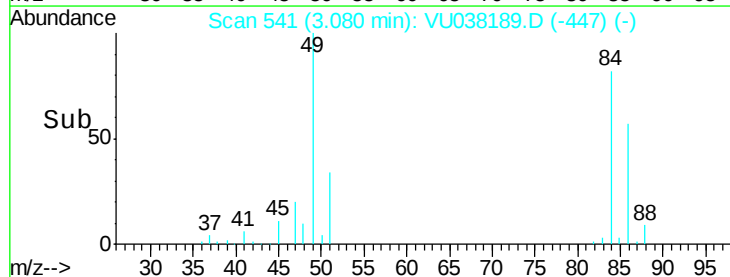
10000

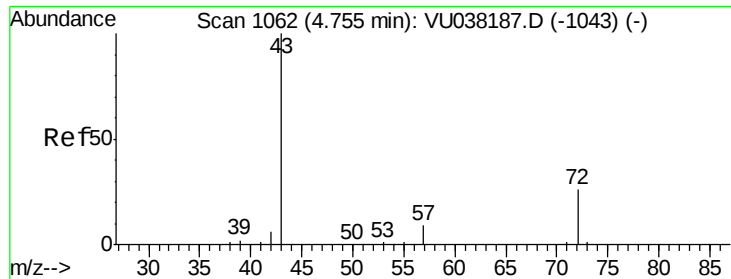
5000

0

Time-->

3.00 3.05 3.10 3.15





#21

2-Butanone

Concen: 2.62 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

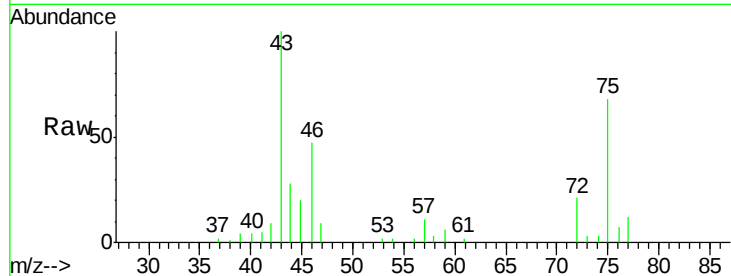
C0AF2

Tgt Ion: 43 Resp: 21072

Ion Ratio Lower Upper

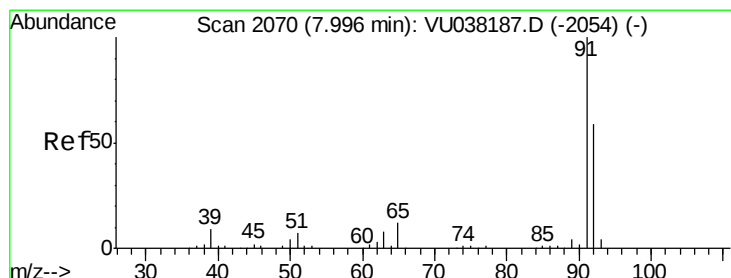
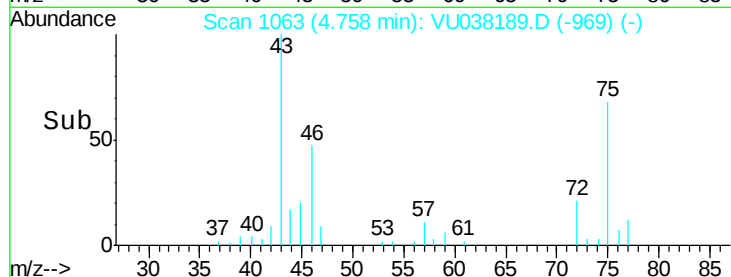
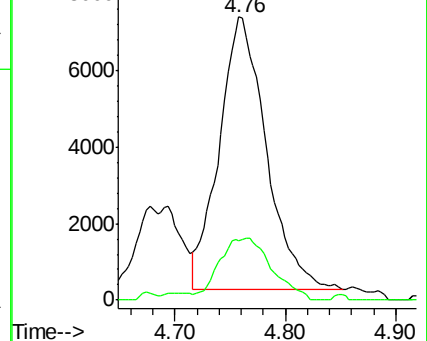
43 100

72 25.3 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038189.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU038189.D (-969) (-)



#42

Toluene

Concen: 0.43 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU038189.D

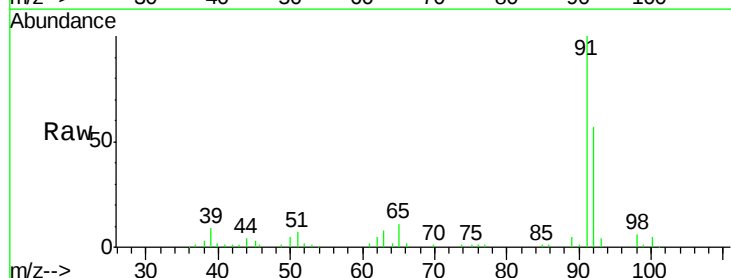
Acq: 15 May 2020 11:48

Tgt Ion: 91 Resp: 45180

Ion Ratio Lower Upper

91 100

92 56.6 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038189.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU038189.D (-1977) (-)

