

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040161.D
 Acq On : 16 Sep 2020 21:07
 Operator : SY/MD
 Sample : L4046-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q3

Quant Time: Sep 17 02:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	101312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27235	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.92	69	24893	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.58	63	45912	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.66	46	107535	48.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	5.08	84	59706	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	39194	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.75	84	110634	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	37354	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	88097	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.19	79	14613	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	73954	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32361	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35729	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

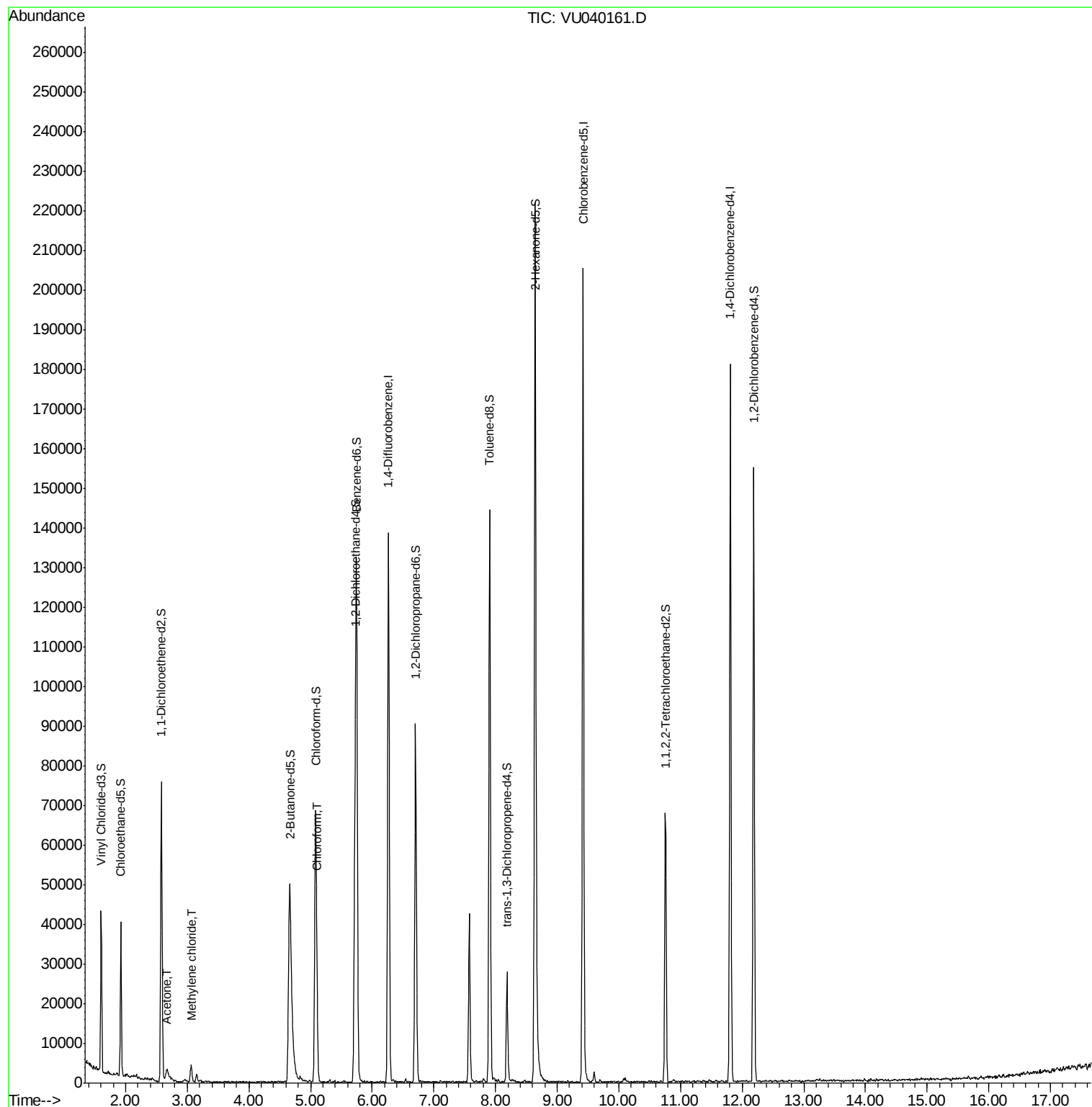
					Ovalue
13) Acetone	2.68	43	5877	2.869 ug/L	61
16) Methylene chloride	3.06	84	1890	0.184 ug/L	81
25) Chloroform	5.11	83	3950	0.222 ug/L	80

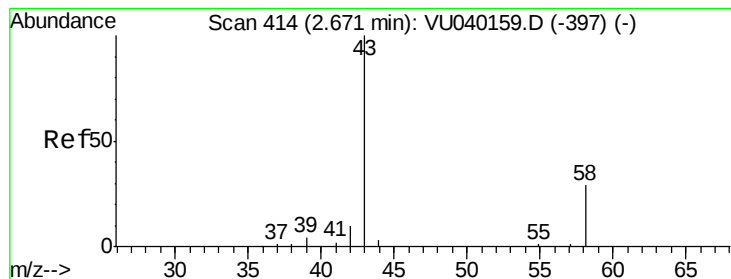
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.869 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

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Acq: 16 Sep 2020 21:07

Instrument :

MSVOA_U

ClientSampleId :

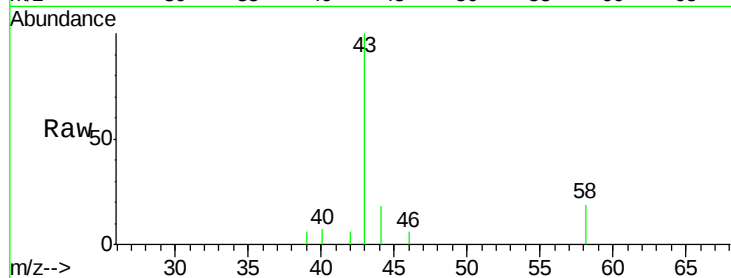
BG0Q3

Tot Ion: 43 Resp: 5877

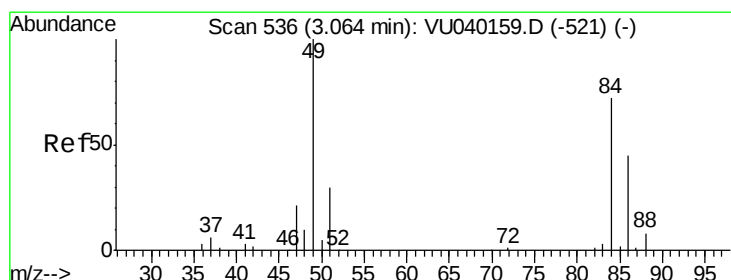
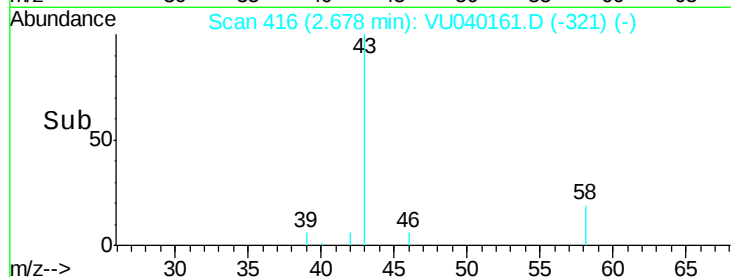
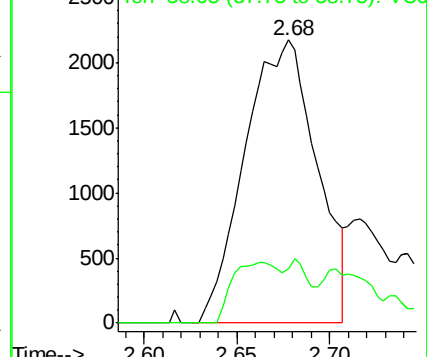
Ion Ratio Lower Upper

43 100

58 7.5 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040161.D (-321) (-)



#16

Methylene chloride

Concen: 0.184 ug/L

RT: 3.06 min Scan# 536

Delta R.T. -0.00 min

Lab File: VU040161.D

Acq: 16 Sep 2020 21:07

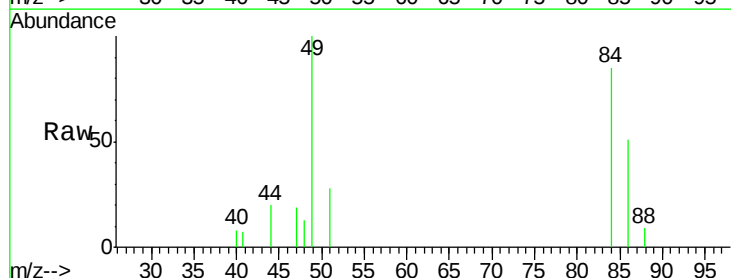
Tgt Ion: 84 Resp: 1890

Ion Ratio Lower Upper

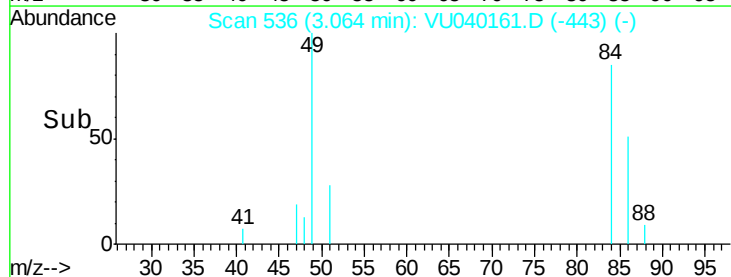
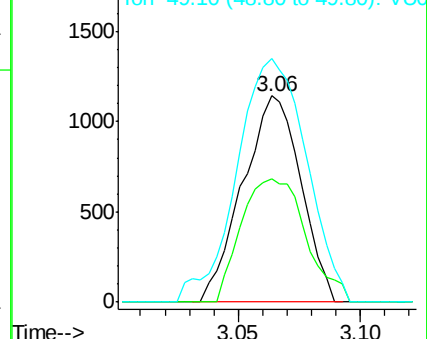
84 100

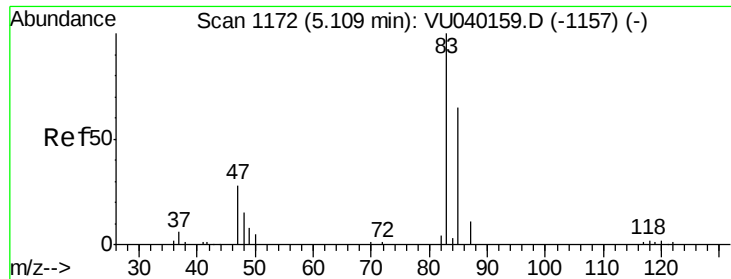
86 59.7 45.2 84.0

49 118.1 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040161.D (-443) (-)





#25
 Chloroform
 Concen: 0.222 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. -0.00 min
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 BG0Q3

Tot Ion: 83 Resp: 3950
 Ion Ratio Lower Upper
 83 100
 85 80.5 45.3 84.1

