

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040802.D
 Acq On : 19 Oct 2020 14:08
 Operator : SY/MD
 Sample : L4419-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH4

Quant Time: Oct 20 02:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122935	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31360	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.92	69	31718	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.58	63	51954	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	169501	54.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.60%
24) Chloroform-d	5.08	84	81240	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	50588	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.75	84	137938	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	51069	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	104218	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	8.19	79	18755	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	111822	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47171	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47871	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

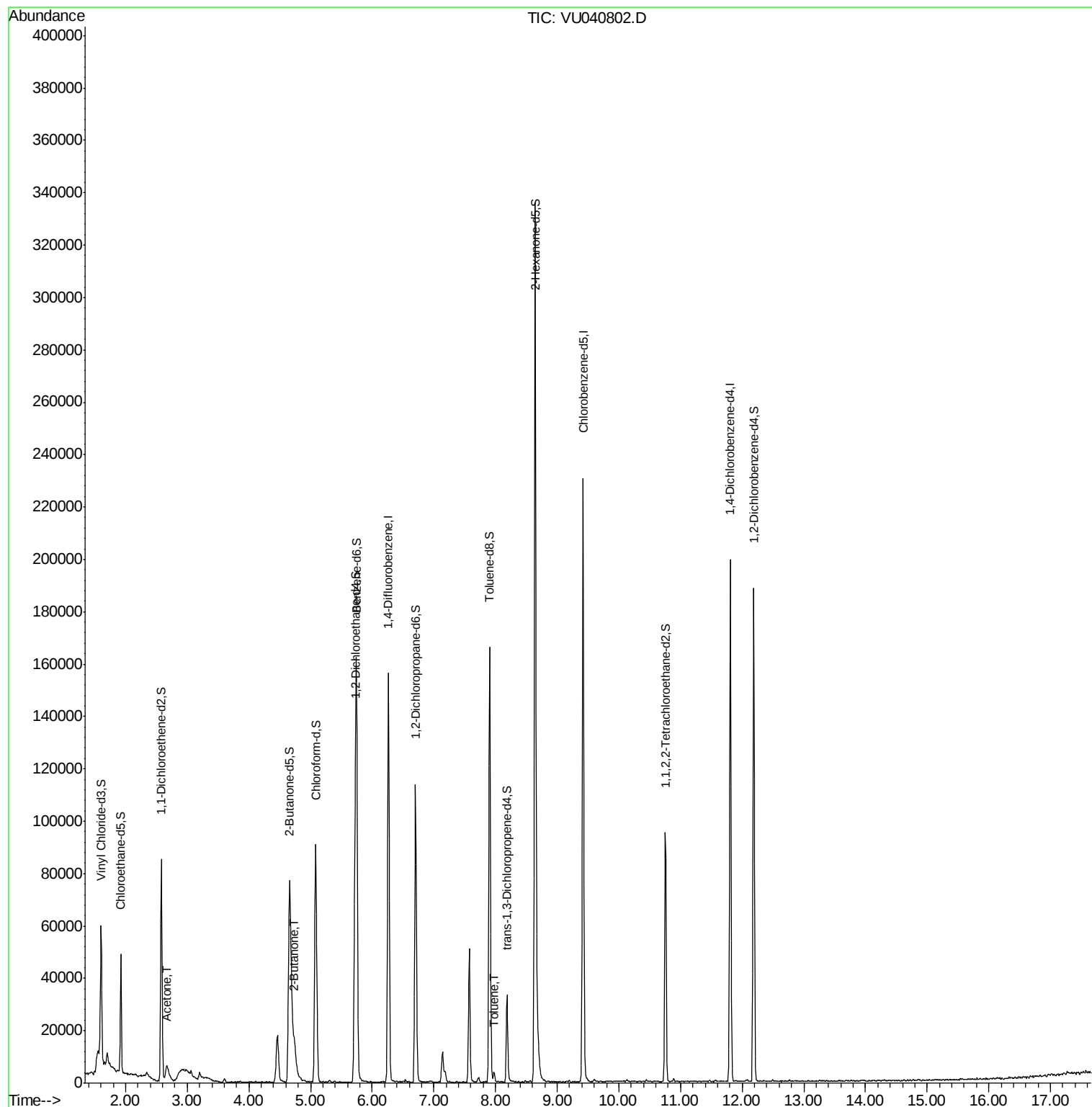
Target Compounds					Ovalue
13) Acetone	2.67	43	15164	6.325 ug/L	92
21) 2-Butanone	4.74	43	16828	4.502 ug/L	100
42) Toluene	7.97	91	2480	0.062 ug/L	98

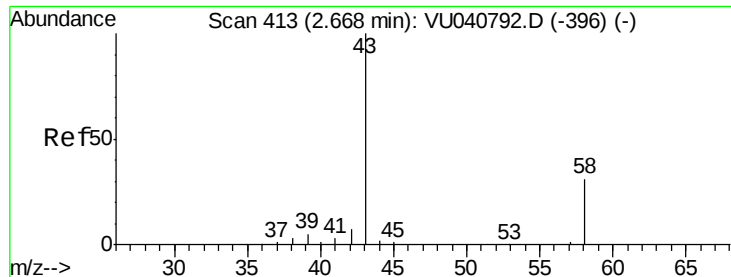
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.325 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

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Acq: 19 Oct 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

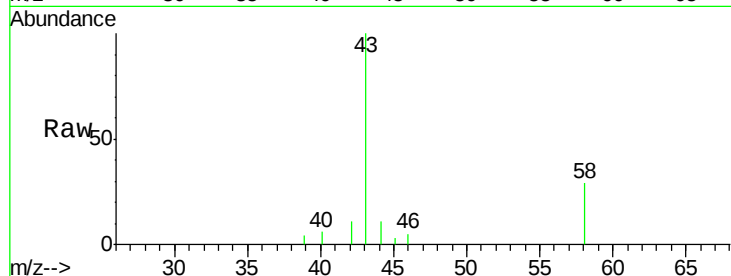
C0AH4

Tot Ion: 43 Resp: 15164

Ion Ratio Lower Upper

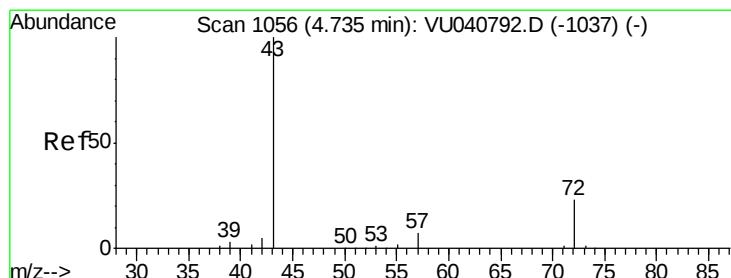
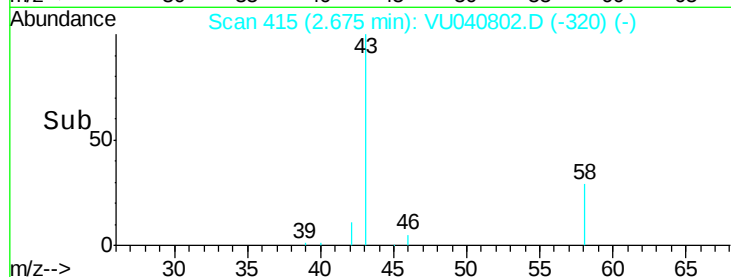
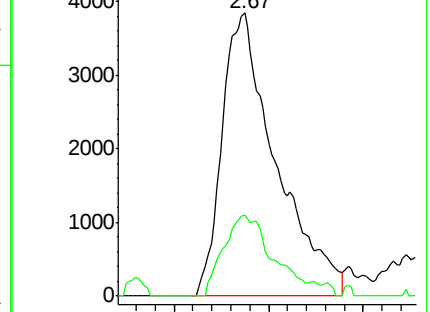
43 100

58 26.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040802.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040802.D (-320) (-)



#21

2-Butanone

Concen: 4.502 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU040802.D

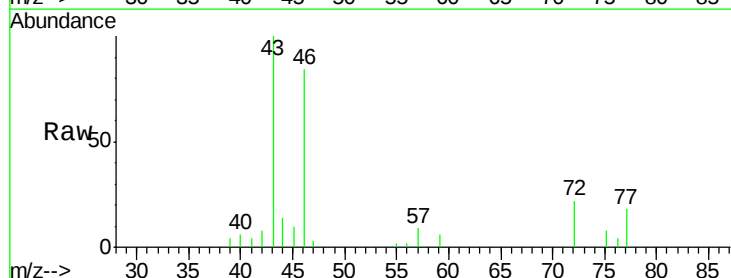
Acq: 19 Oct 2020 14:08

Tgt Ion: 43 Resp: 16828

Ion Ratio Lower Upper

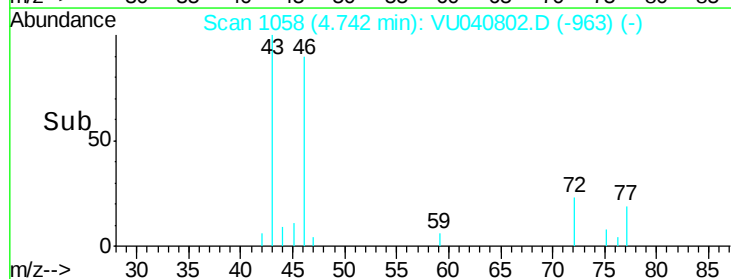
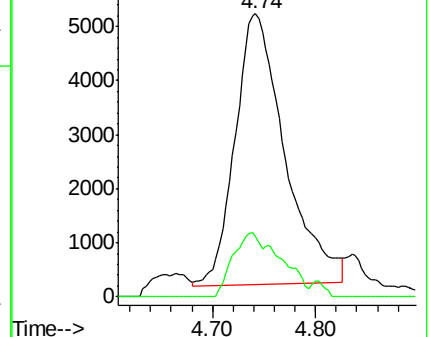
43 100

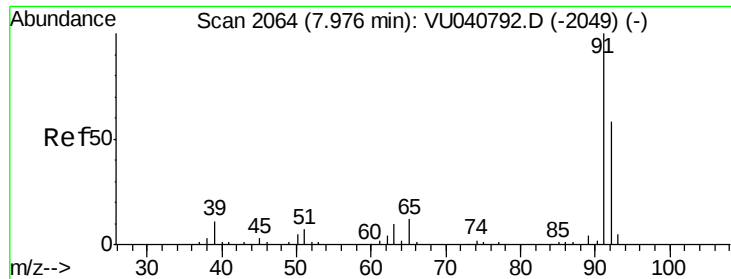
72 22.8 11.4 34.2



Abundance Ion 43.05 (42.75 to 43.75): VU040802.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU040802.D (-963) (-)





#42

Toluene

Concen: 0.062 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040802.D

Acq: 19 Oct 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

C0AH4

Tot Ion: 91 Resp: 2480

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6

