

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120219\
 Data File : VU035933.D
 Acq On : 02 Dec 2019 14:56
 Operator : JC/SP
 Sample : K6083-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA3

Quant Time: Dec 02 18:21:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 02 18:11:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226596	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	105184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	199430	6.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.80%#
7) Chloroethane-d5	1.93	69	159937	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.80%
11) 1,1-Dichloroethene-d2	2.59	63	212747	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.70	46	344364	50.27	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	5.11	84	257378	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.75	65	142265	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	512260	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.73	67	168737	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	414524	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.21	79	63487	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.68	63	257125	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	135800	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	127566	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

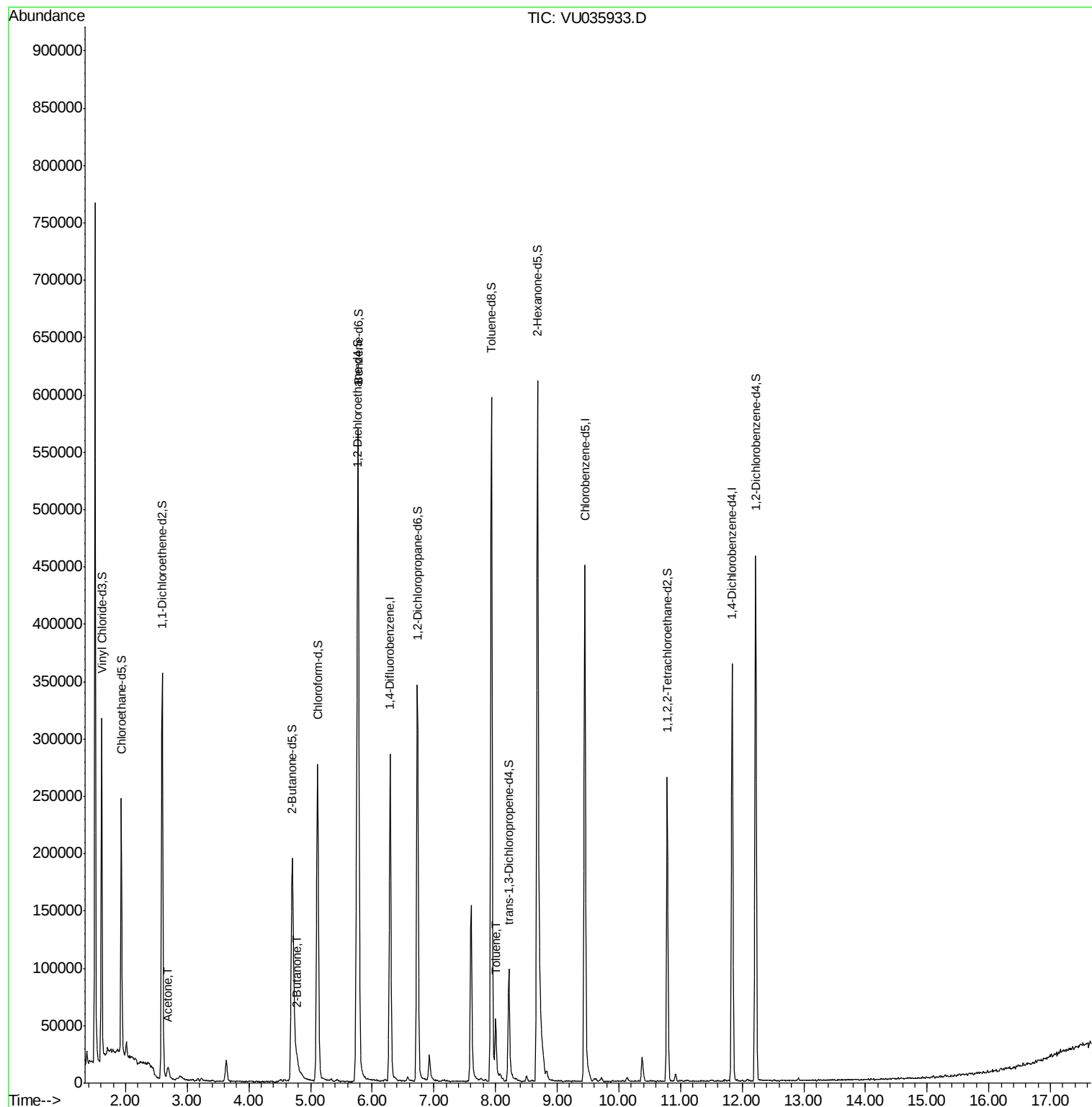
					Ovalue
13) Acetone	2.68	43	15881	2.640 ug/L	89
21) 2-Butanone	4.78	43	9222	1.211 ug/L	96
42) Toluene	8.01	91	33868	0.290 ug/L	93

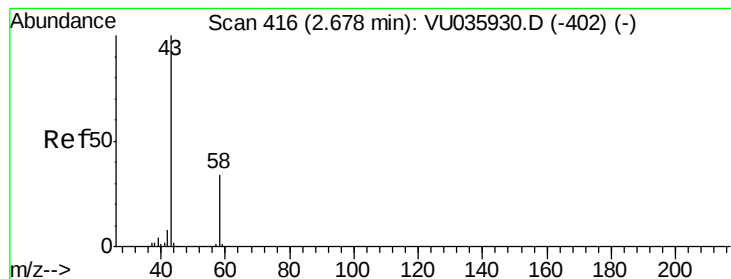
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.640 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU035933.D

Acq: 02 Dec 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

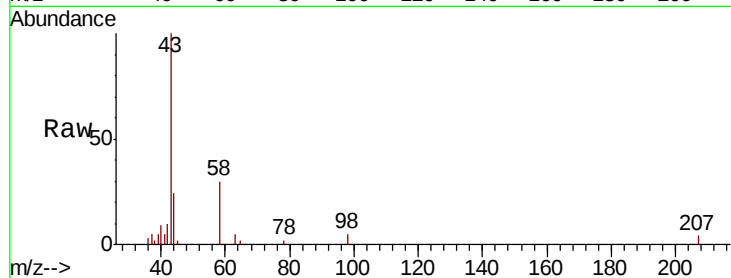
C0AA3

Tot Ion: 43 Resp: 15881

Ion Ratio Lower Upper

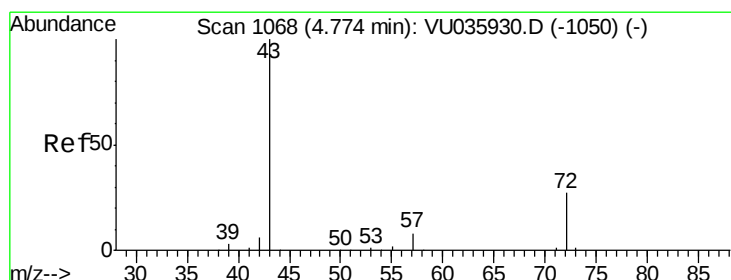
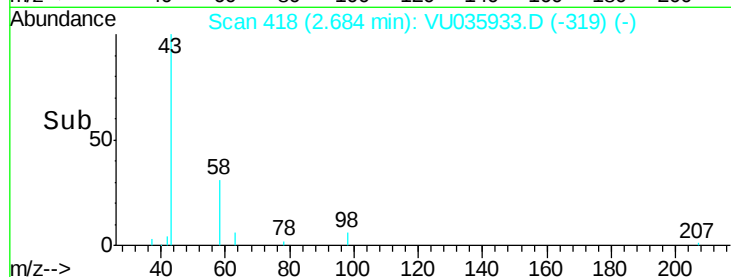
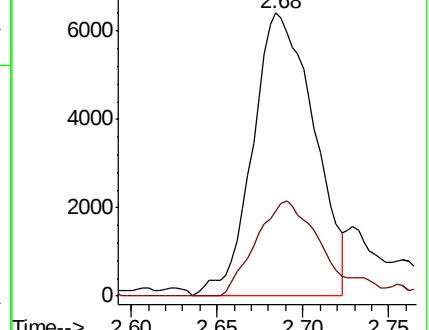
43 100

58 36.5 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035933.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035933.D (-319) (-)



#21

2-Butanone

Concen: 1.211 ug/L

RT: 4.78 min Scan# 1070

Delta R.T. 0.02 min

Lab File: VU035933.D

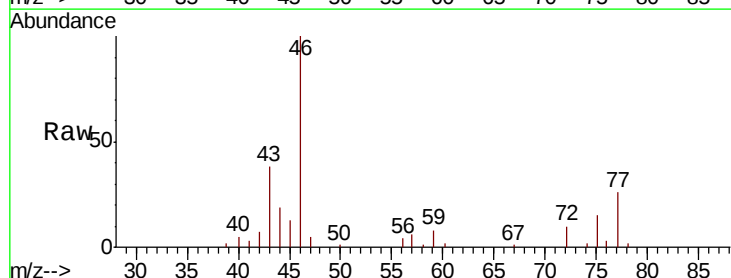
Acq: 02 Dec 2019 14:56

Tgt Ion: 43 Resp: 9222

Ion Ratio Lower Upper

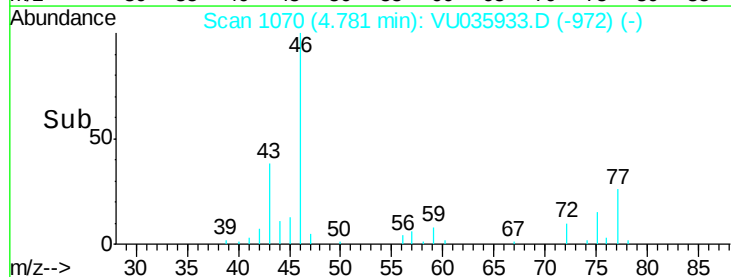
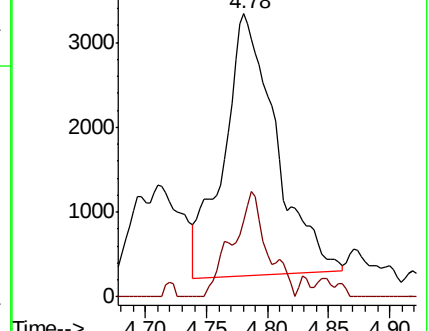
43 100

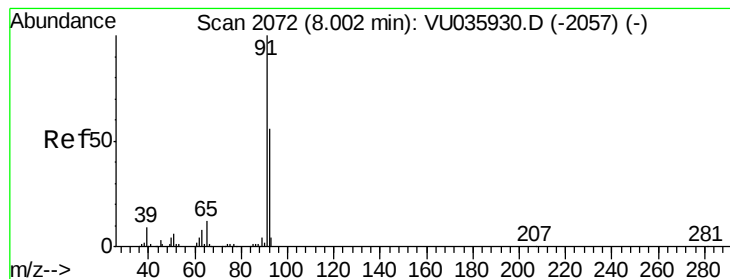
72 27.0 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035933.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU035933.D (-972) (-)





#42

Toluene

Concen: 0.290 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035933.D

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Instrument :

MSVOA_U

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C0AA3

Tot Ion: 91 Resp: 33868

Ion Ratio Lower Upper

91 100

92 52.6 40.4 75.0

