

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039545.D
 Acq On : 17 Jul 2020 12:35
 Operator : SY/MD
 Sample : L3313-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C49

Quant Time: Jul 18 00:16:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	85326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20251	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	23099	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	30342	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.65	46	92163	40.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.46%
24) Chloroform-d	5.09	84	47133	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	29745	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.74	84	89121	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.71	67	30911	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.91	98	80236	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	12117	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	67341	37.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26784	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32196	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

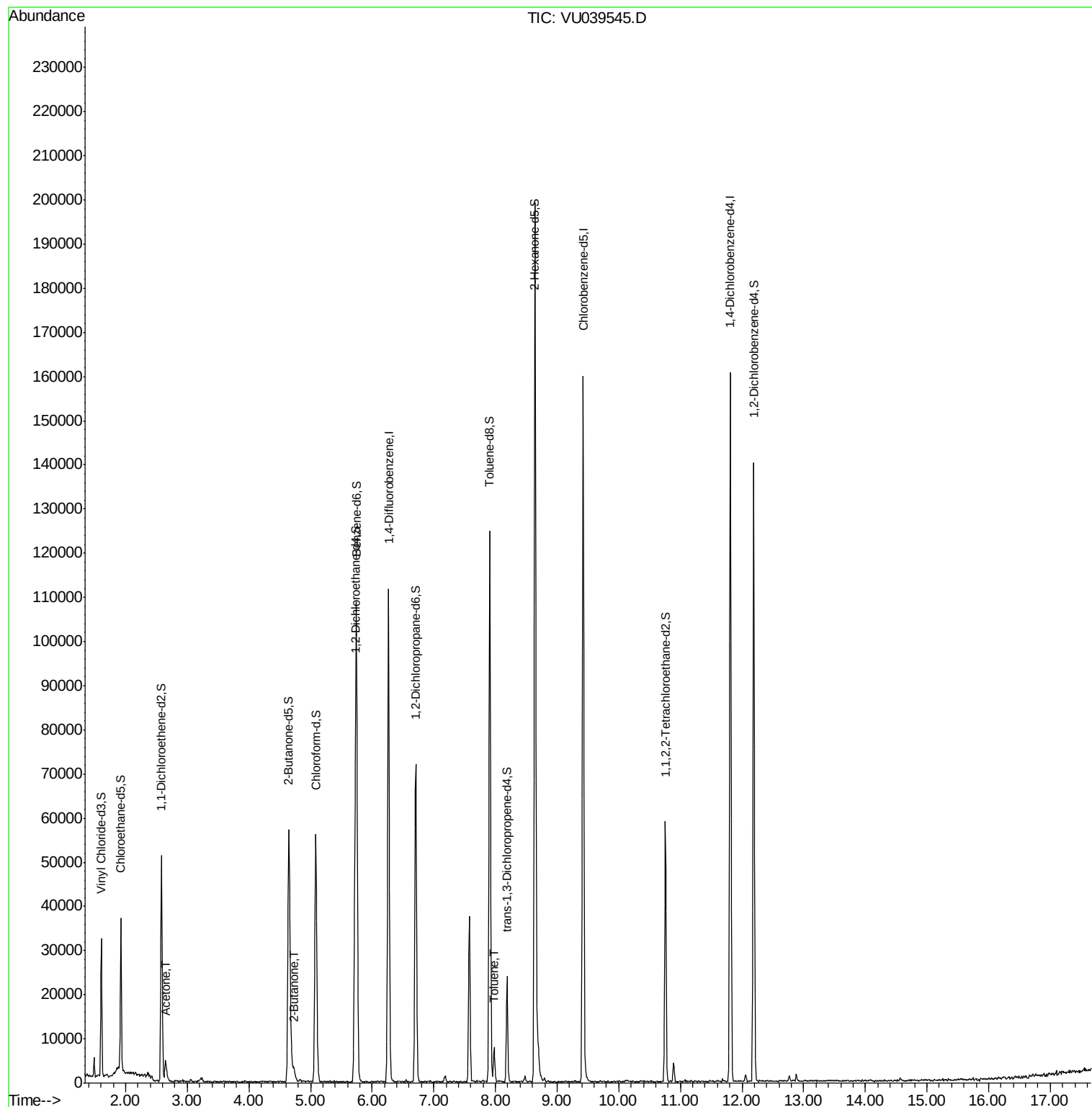
Target Compounds					Ovalue
13) Acetone	2.65	43	7018	5.746 ug/L	91
21) 2-Butanone	4.74	43	3078	1.412 ug/L	80
42) Toluene	7.98	91	5678	0.219 ug/L	91

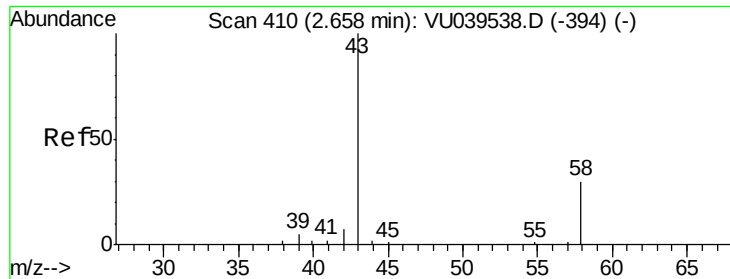
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.746 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039545.D

Acq: 17 Jul 2020 12:35

Instrument :

MSVOA_U

ClientSampled :

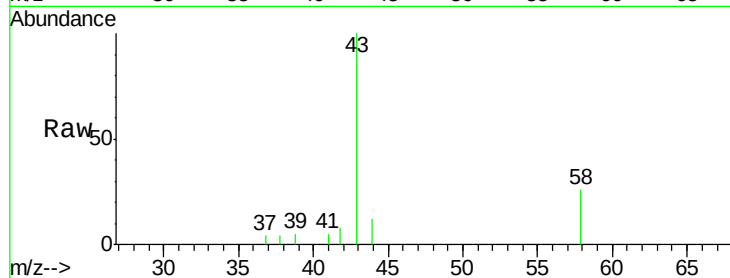
F4C49

Tot Ion: 43 Resp: 7018

Ion Ratio Lower Upper

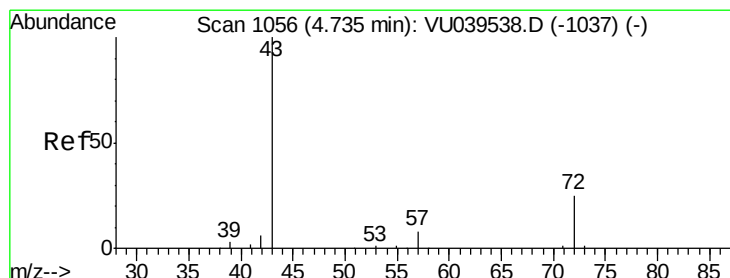
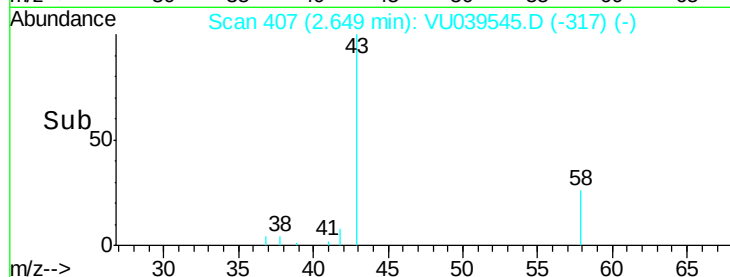
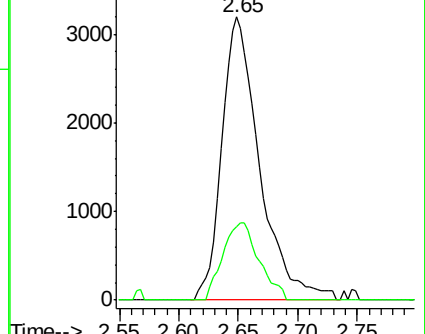
43 100

58 26.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.412 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039545.D

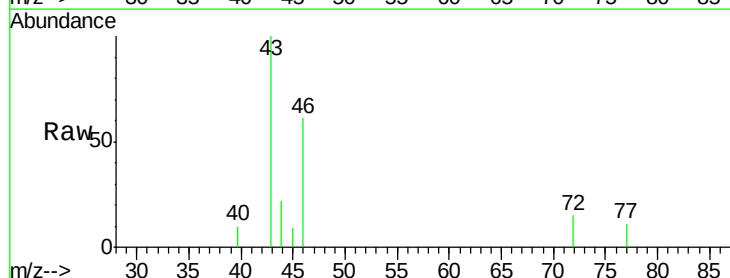
Acq: 17 Jul 2020 12:35

Tgt Ion: 43 Resp: 3078

Ion Ratio Lower Upper

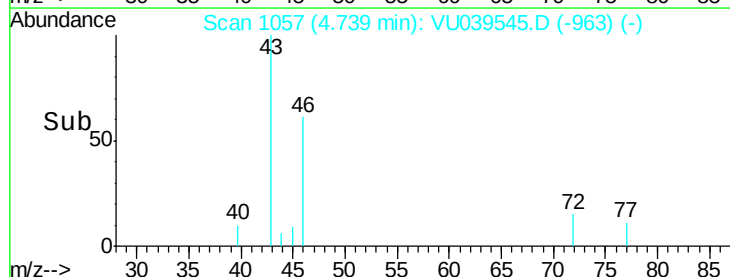
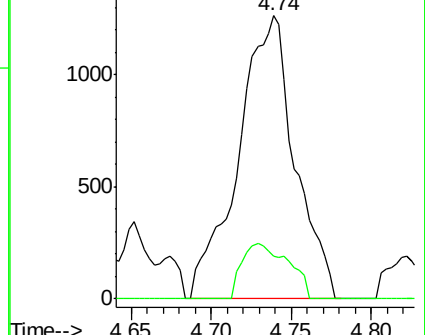
43 100

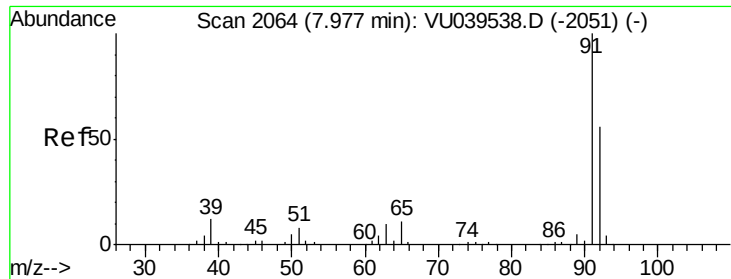
72 15.9 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#42

Toluene

Concen: 0.219 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039545.D

Acq: 17 Jul 2020 12:35

Instrument :

MSVOA_U

ClientSampleId :

F4C49

Tot Ion: 91 Resp: 5678

Ion Ratio Lower Upper

91 100

92 49.6 39.3 73.1

