

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039462.D
 Acq On : 11 Jul 2020 04:42
 Operator : SY/MD
 Sample : L3268-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A96

Quant Time: Jul 11 05:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39169	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17693	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.92	69	24031	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	29263	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.65	46	143824	62.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.32%
24) Chloroform-d	5.09	84	53956	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	38076	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.75	84	100698	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.71	67	36530	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	87580	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.19	79	14395	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	101928	55.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36541	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36245	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

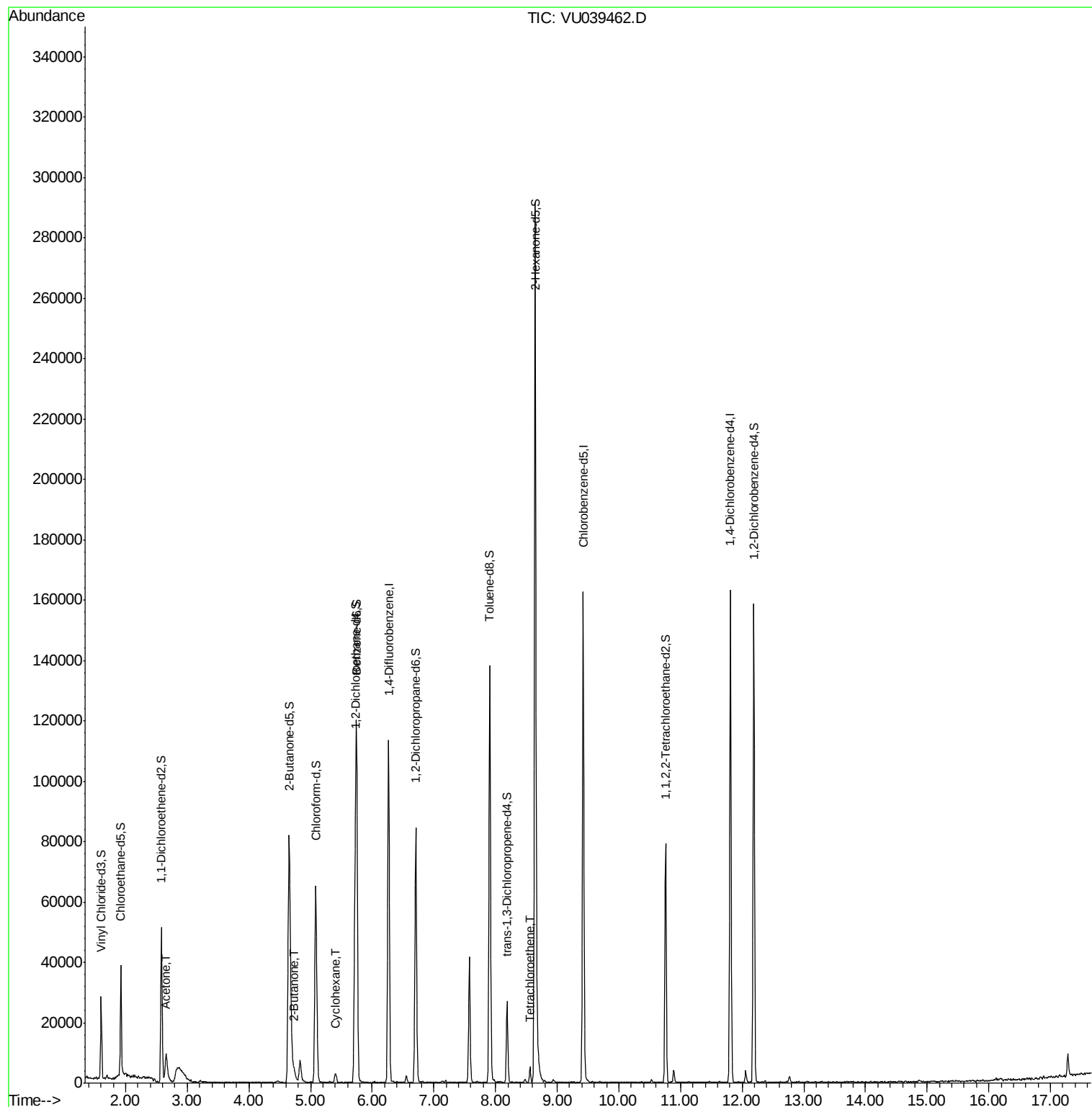
					Ovalue
13) Acetone	2.66	43	16578	13.273 ug/L	96
21) 2-Butanone	4.74	43	3441	1.544 ug/L	93
30) Cyclohexane	5.41	56	1768	0.173 ug/L #	84
47) Tetrachloroethene	8.56	164	996	0.225 ug/L #	78

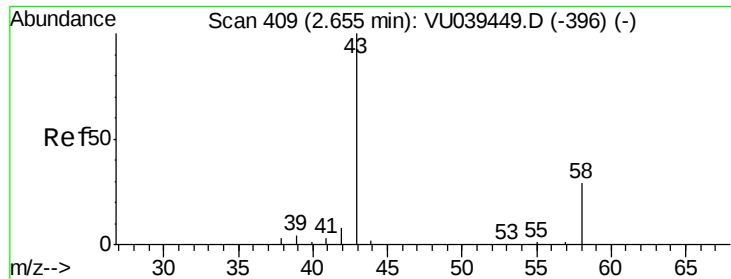
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.273 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU039462.D

Acq: 11 Jul 2020 04:42

Instrument :

MSVOA_U

ClientSampleId :

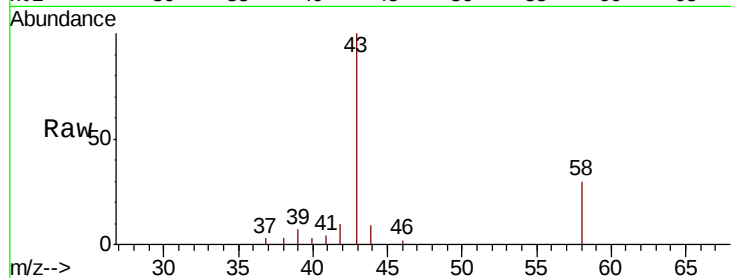
F4A96

Tot Ion: 43 Resp: 16578

Ion Ratio Lower Upper

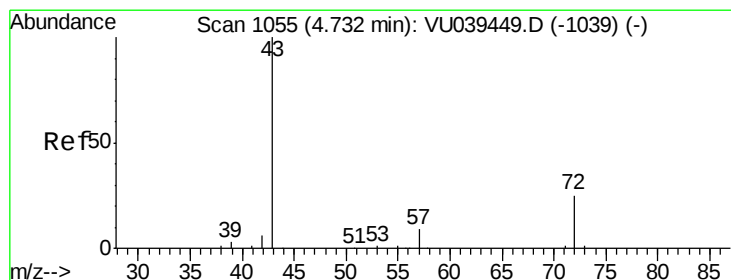
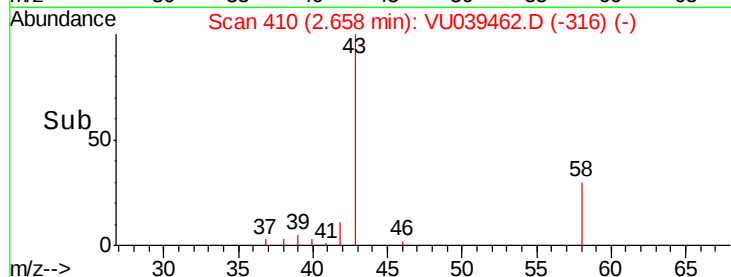
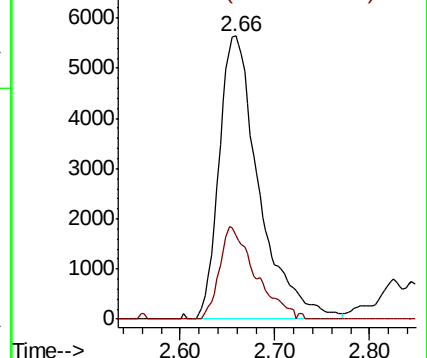
43 100

58 29.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039449.D (-396) (-)



#21

2-Butanone

Concen: 1.544 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039462.D

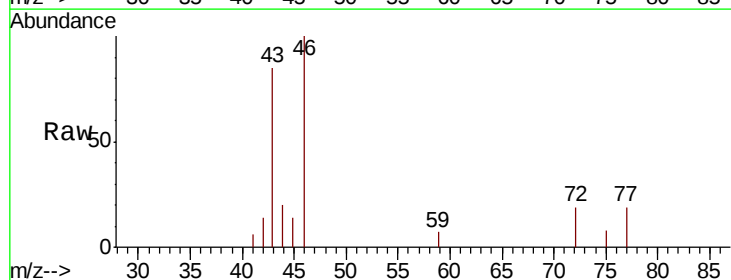
Acq: 11 Jul 2020 04:42

Tgt Ion: 43 Resp: 3441

Ion Ratio Lower Upper

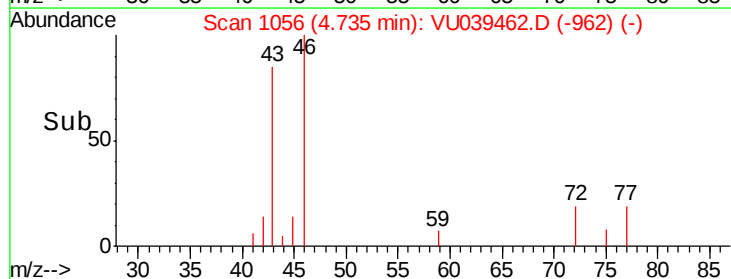
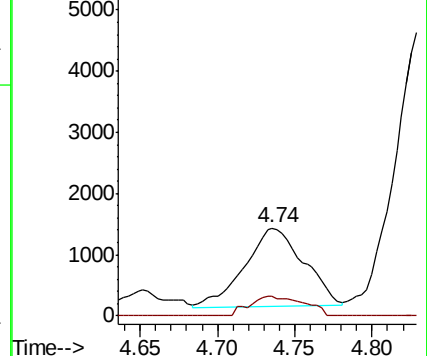
43 100

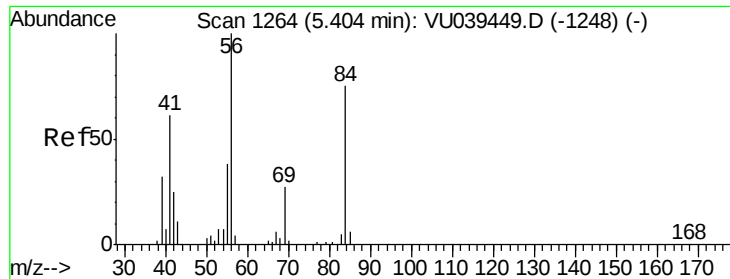
72 22.7 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-1039) (-)

Ion 72.10 (71.80 to 72.80): VU039449.D (-1039) (-)

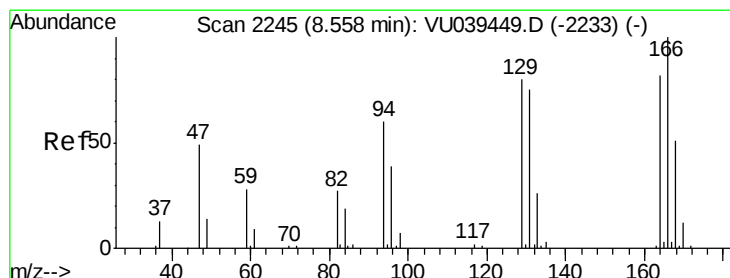
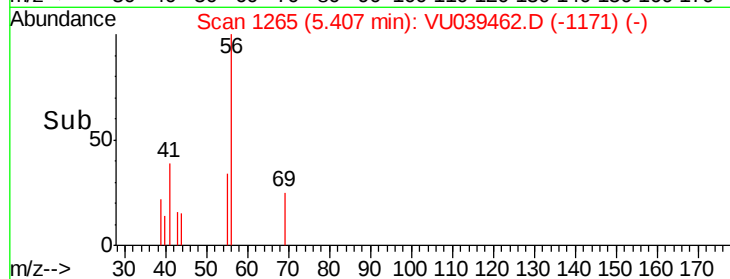
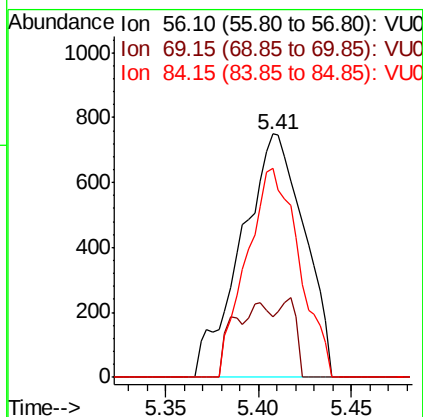
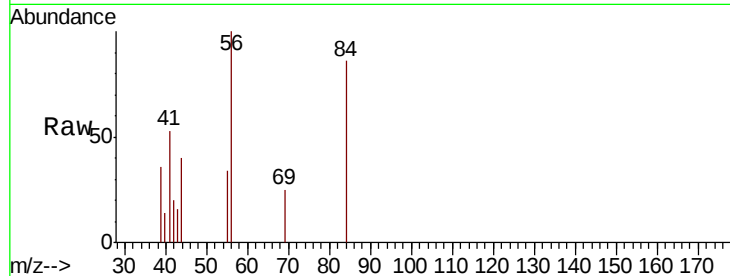




#30
Cyclohexane
Concen: 0.173 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
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Tot Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 18.4 24.1 36.1#
84 71.7 67.0 100.6



#47
Tetrachloroethene
Concen: 0.225 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039462.D
Acq: 11 Jul 2020 04:42

Tgt Ion: 164 Resp: 996
Ion Ratio Lower Upper
164 100
129 73.8 68.6 127.4
131 92.4 66.4 123.4
166 82.9 85.9 159.5#

