

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039444.D
 Acq On : 10 Jul 2020 20:43
 Operator : SY/MD
 Sample : L3268-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A62

Quant Time: Jul 11 04:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19641	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	25880	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	31706	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.65	46	144352	58.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.36%
24) Chloroform-d	5.09	84	56267	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	37620	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.74	84	105533	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.71	67	37862	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	89218	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.19	79	14712	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	104032	54.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36885	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38011	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

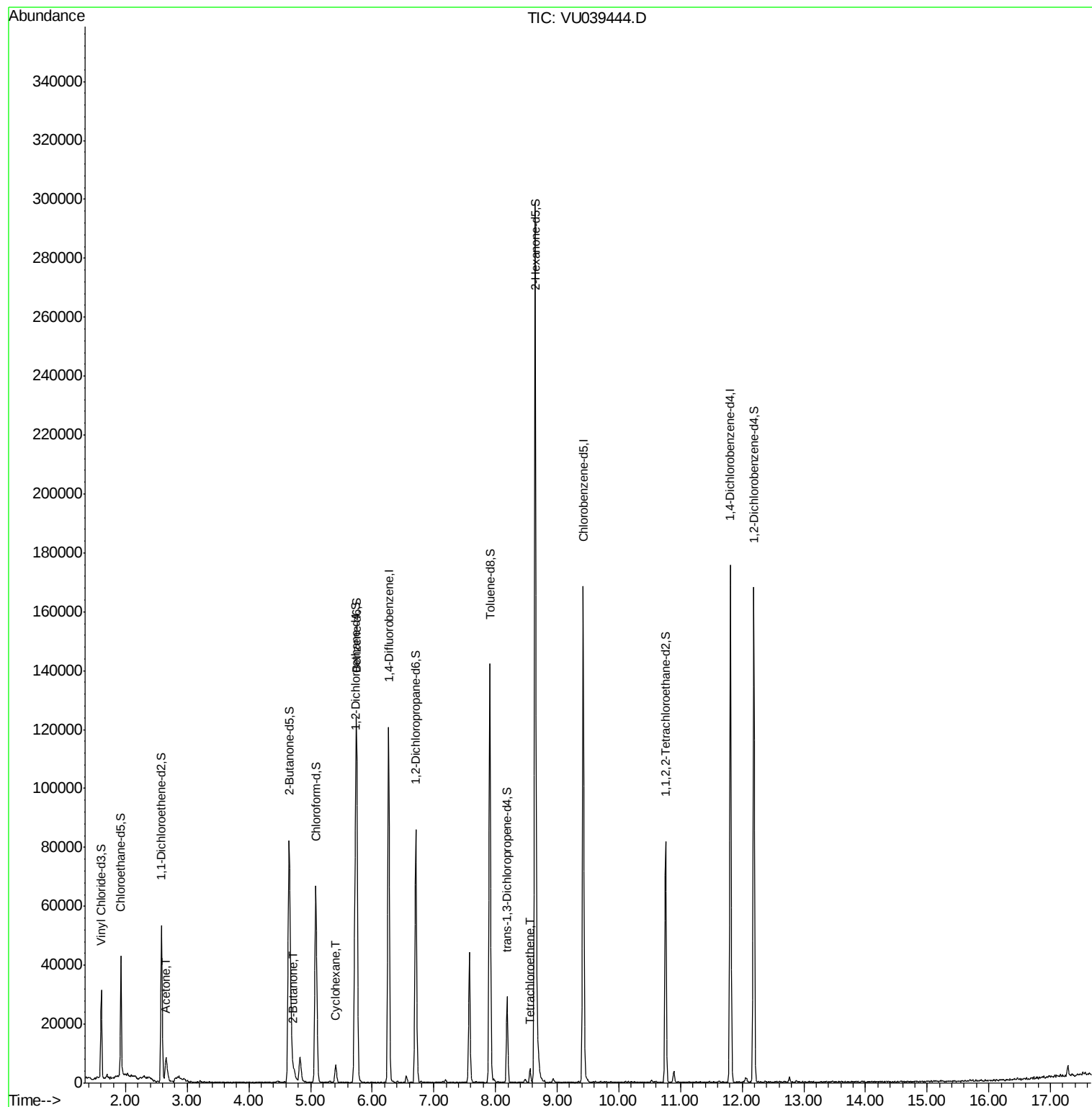
Target Compounds					Ovalue
13) Acetone	2.66	43	13883	10.366 ug/L	95
21) 2-Butanone	4.73	43	4358	1.823 ug/L	79
30) Cyclohexane	5.40	56	2941	0.276 ug/L	97
47) Tetrachloroethene	8.56	164	894	0.194 ug/L	88

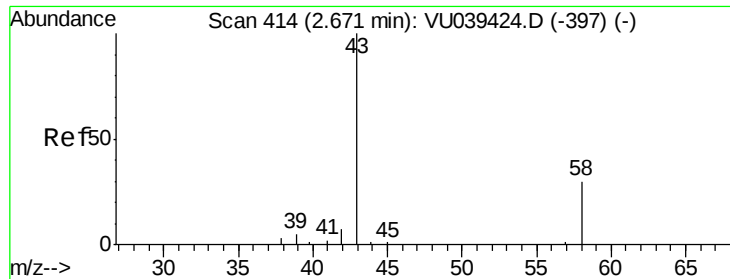
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.366 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU039444.D

Acq: 10 Jul 2020 20:43

Instrument :

MSVOA_U

ClientSampleId :

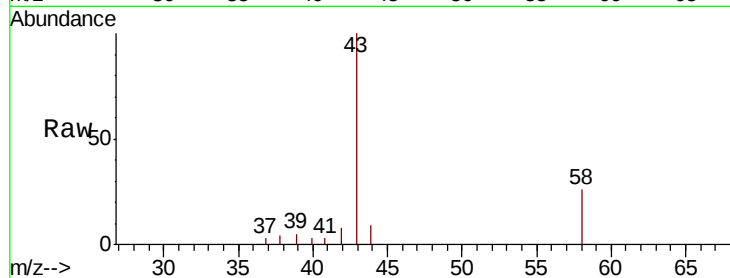
F4A62

Tot Ion: 43 Resp: 13883

Ion Ratio Lower Upper

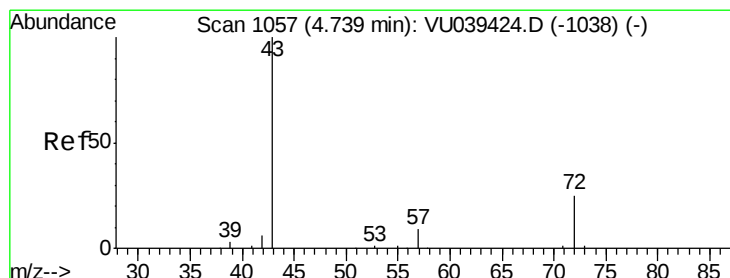
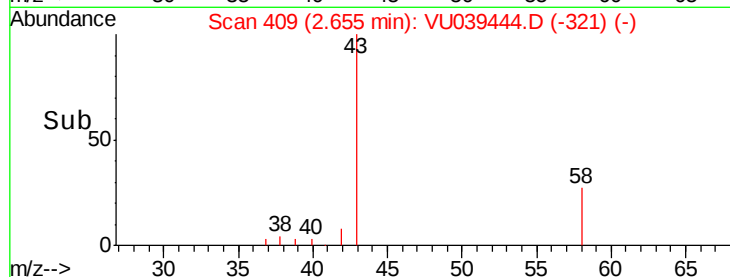
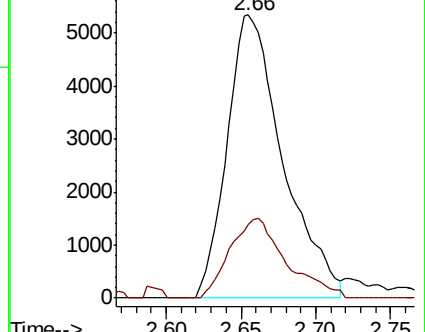
43 100

58 28.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039444.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU039444.D (-321) (-)



#21

2-Butanone

Concen: 1.823 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VU039444.D

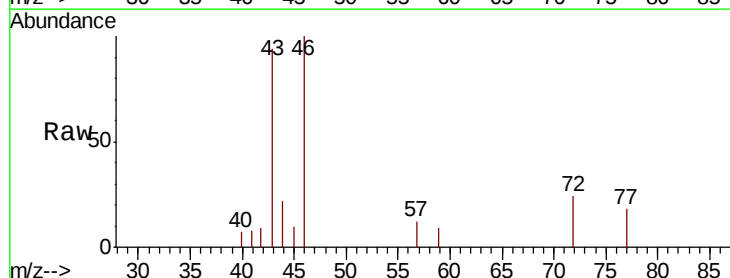
Acq: 10 Jul 2020 20:43

Tgt Ion: 43 Resp: 4358

Ion Ratio Lower Upper

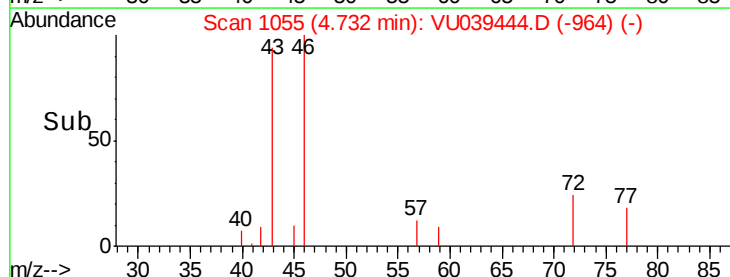
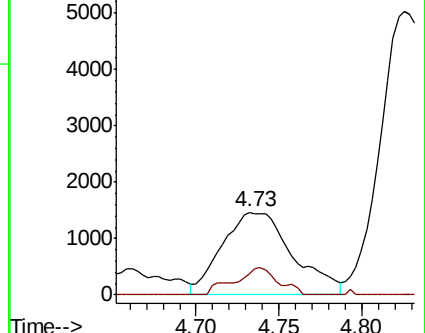
43 100

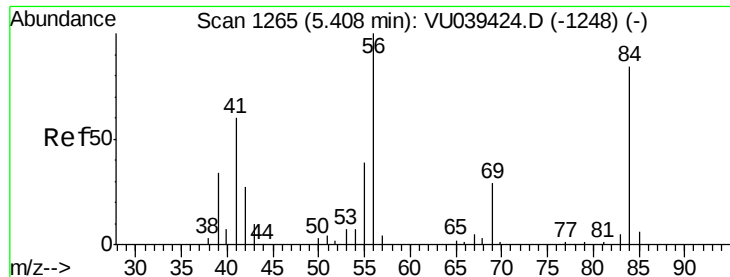
72 15.7 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039444.D (-964) (-)

Ion 72.10 (71.80 to 72.80): VU039444.D (-964) (-)

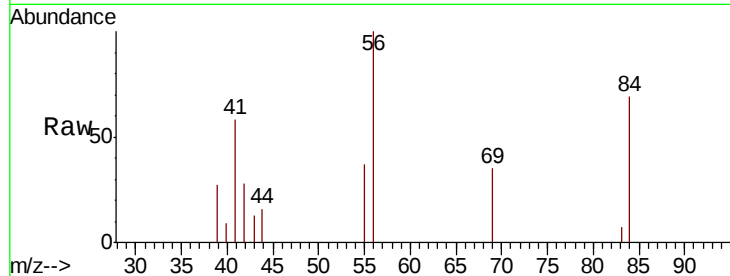




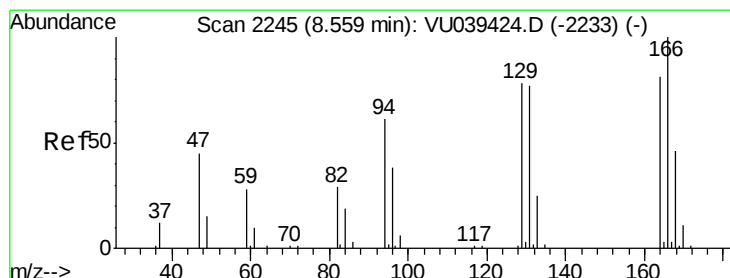
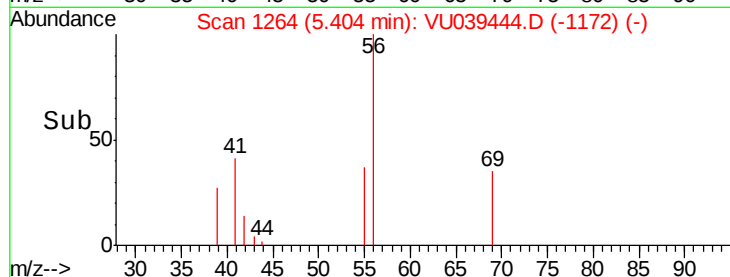
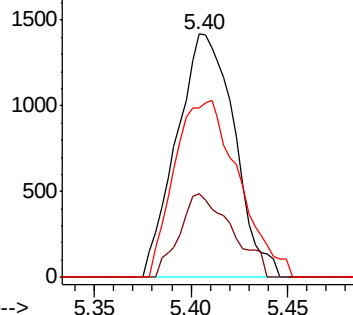
#30
Cyclohexane
Concen: 0.276 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039444.D
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Instrument :
MSVOA_U
ClientSampled :
F4A62

Tot Ion: 56 Resp: 2941
Ion Ratio Lower Upper
56 100
69 31.3 24.1 36.1
84 81.1 67.0 100.6

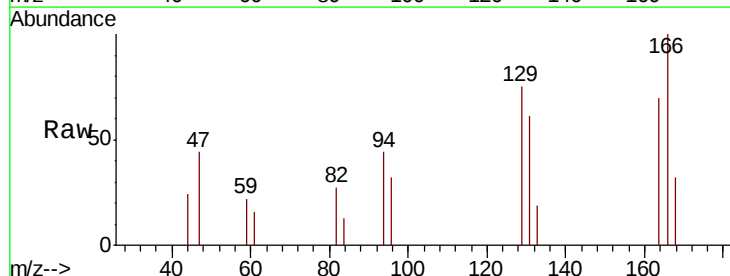


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#47
Tetrachloroethene
Concen: 0.194 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039444.D
Acq: 10 Jul 2020 20:43

Tgt Ion:164 Resp: 894
Ion Ratio Lower Upper
164 100
129 107.2 68.6 127.4
131 86.8 66.4 123.4
166 142.3 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

