

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039455.D
 Acq On : 11 Jul 2020 02:00
 Operator : SY/MD
 Sample : L3268-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A87

Quant Time: Jul 11 05:21:00 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	90492	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17918	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.92	69	23649	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	29062	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.65	46	135514	56.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	5.08	84	53627	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	35608	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.75	84	98806	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	36264	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	85160	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.19	79	14126	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	97844	50.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36219	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36360	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

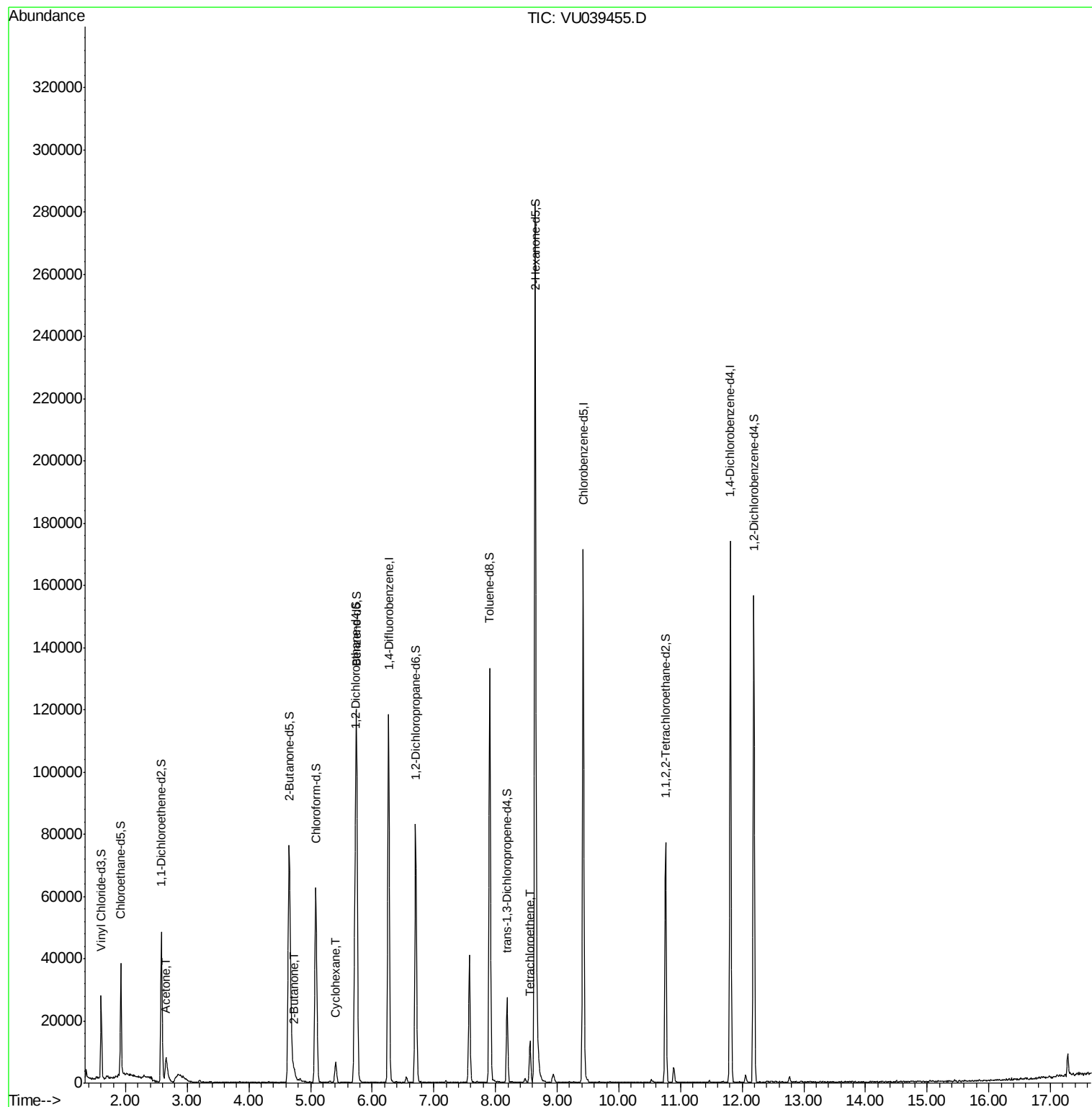
					Ovalue
13) Acetone	2.66	43	14524	11.213	ug/L 95
21) 2-Butanone	4.74	43	2730	1.181	ug/L 97
30) Cyclohexane	5.41	56	3642	0.337	ug/L 85
47) Tetrachloroethene	8.56	164	2540	0.542	ug/L 90

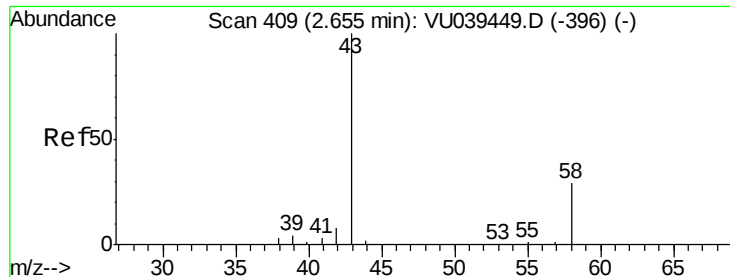
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.213 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU039455.D

Acq: 11 Jul 2020 02:00

Instrument :

MSVOA_U

ClientSampleId :

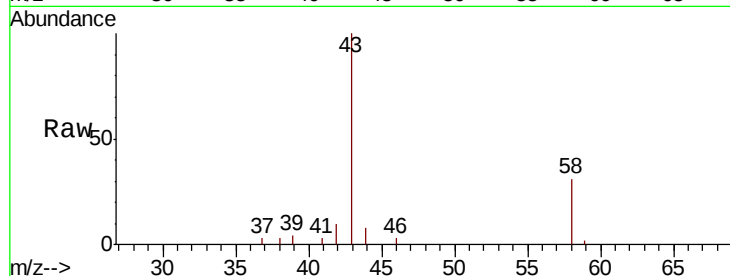
F4A87

Tot Ion: 43 Resp: 14524

Ion Ratio Lower Upper

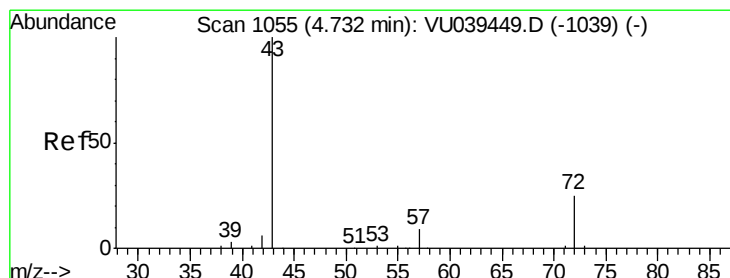
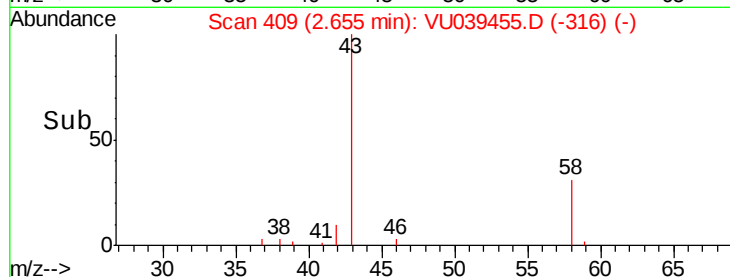
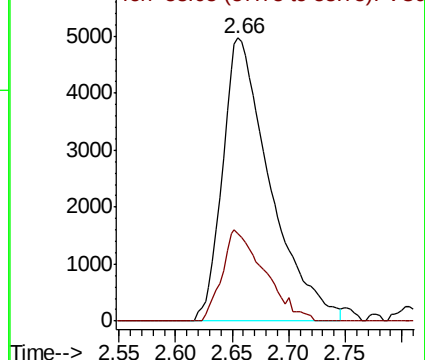
43 100

58 28.8 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: 1.181 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU039455.D

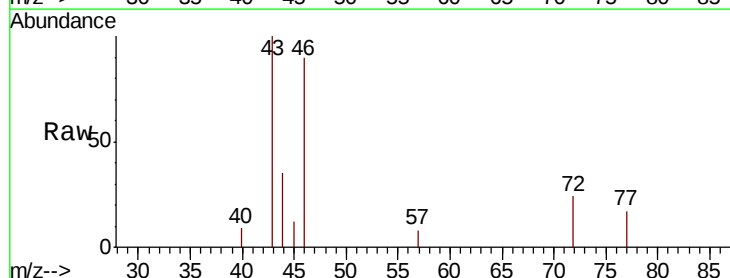
Acq: 11 Jul 2020 02:00

Tgt Ion: 43 Resp: 2730

Ion Ratio Lower Upper

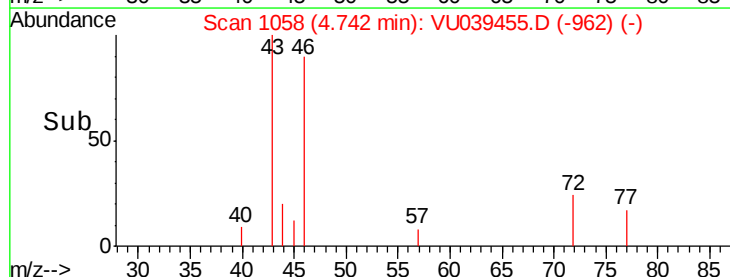
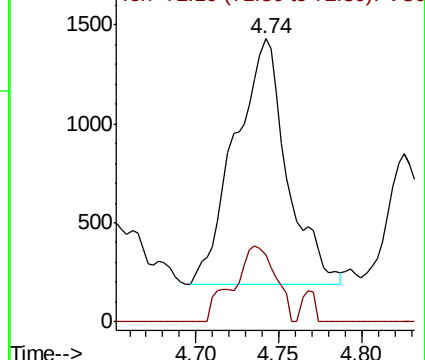
43 100

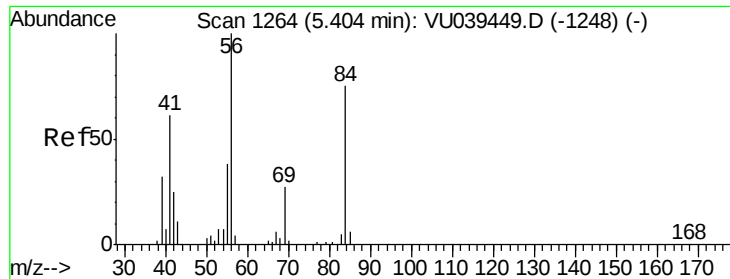
72 24.9 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

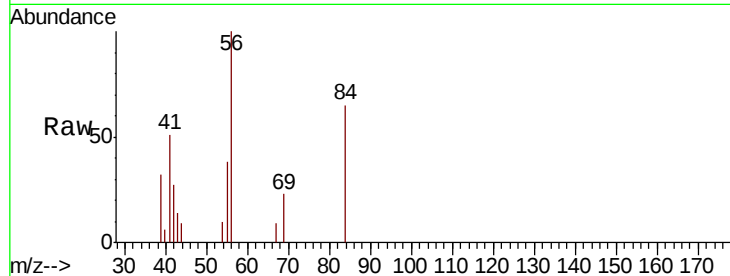




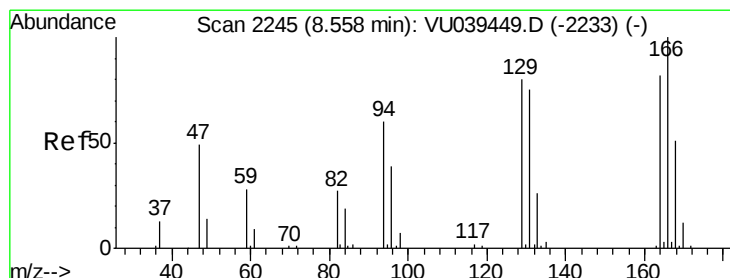
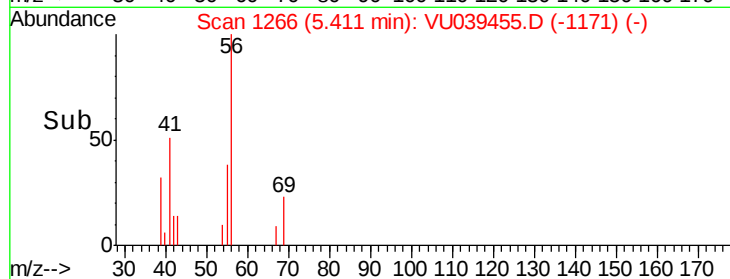
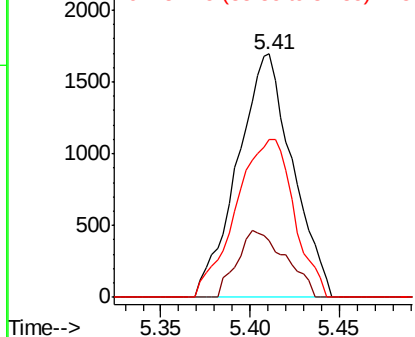
#30
Cyclohexane
Concen: 0.337 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
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Tot Ion: 56 Resp: 3642
Ion Ratio Lower Upper
56 100
69 24.1 24.1 36.1
84 68.5 67.0 100.6

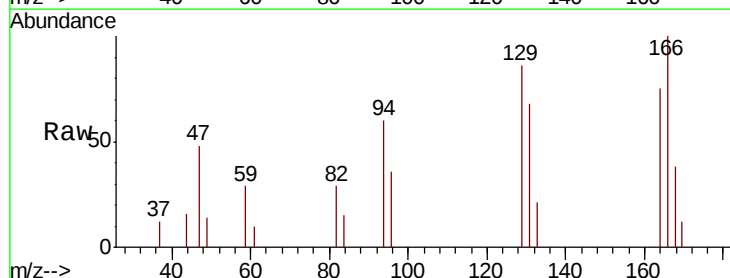


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#47
Tetrachloroethene
Concen: 0.542 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039455.D
Acq: 11 Jul 2020 02:00

Tgt Ion:164 Resp: 2540
Ion Ratio Lower Upper
164 100
129 114.2 68.6 127.4
131 90.1 66.4 123.4
166 132.8 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

