

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038042.D
 Acq On : 07 May 2020 16:34
 Operator : JC/MD
 Sample : L2526-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH2

Quant Time: May 08 03:04:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104347	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	94236	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.59	63	131664	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.66	46	279721	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	5.10	84	163347	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
26) 1,2-Dichloroethane-d4	5.74	65	108978	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.76	84	401606	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.72	67	132229	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.92	98	356701	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	44504	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.65	63	243713	43.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99224	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	126312	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

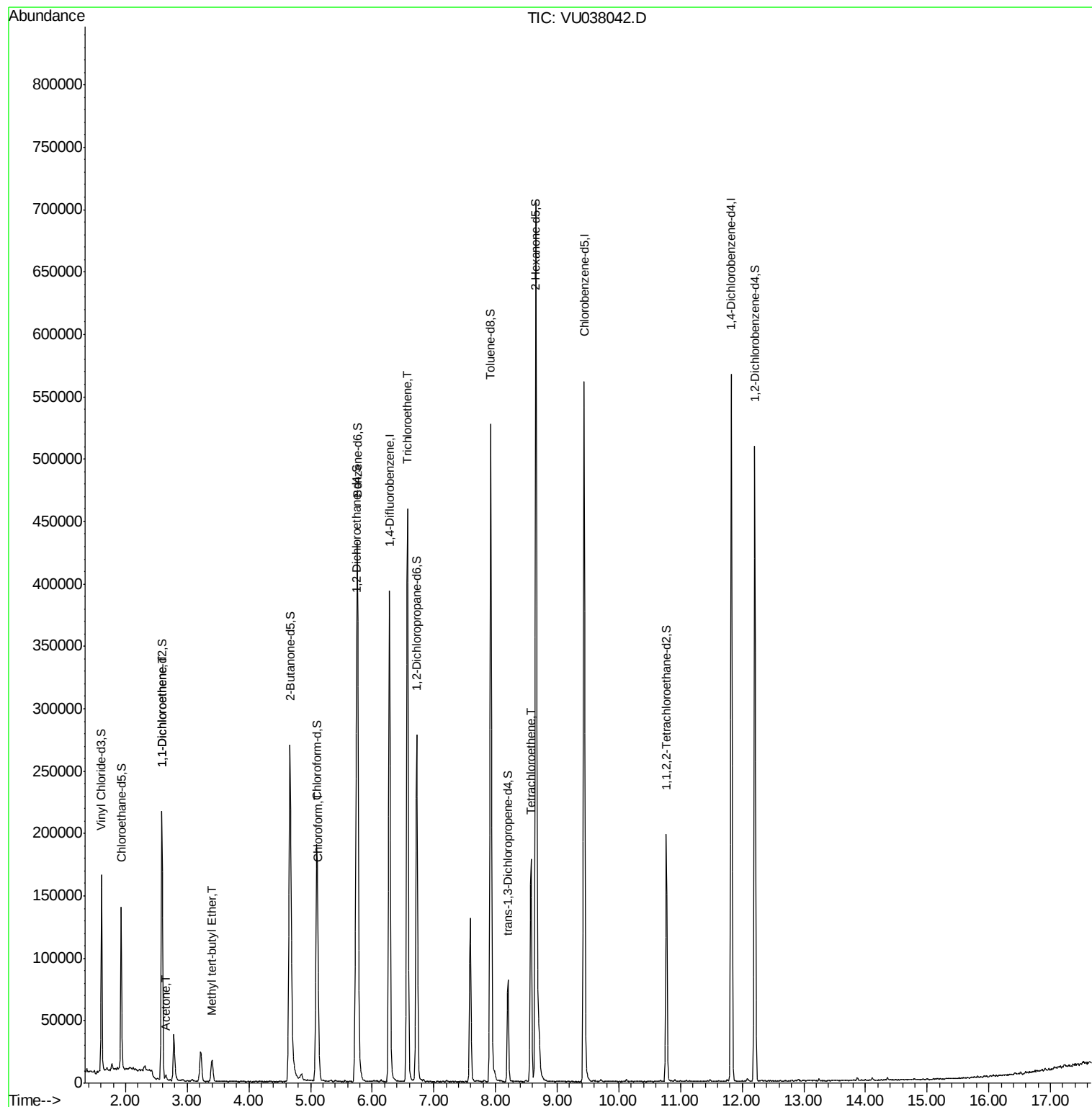
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1471	0.067 ug/L #	1
13) Acetone	2.65	43	4314	0.960 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	18086	0.296 ug/L	96
25) Chloroform	5.12	83	34288	0.783 ug/L	94
34) Trichloroethene	6.57	95	152811	6.195 ug/L	97
47) Tetrachloroethene	8.57	164	39038	2.263 ug/L	98

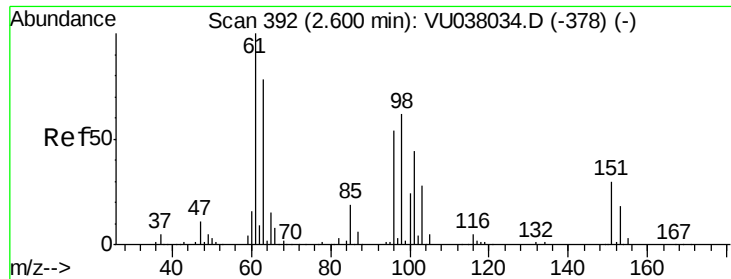
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038042.D

Acq: 07 May 2020 16:34

Instrument :

MSVOA_U

ClientSampleId :

BFSH2

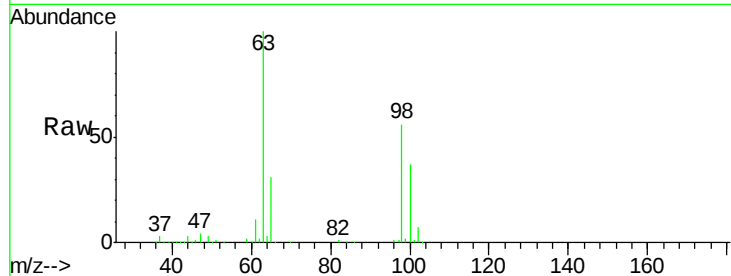
Tot Ion: 96 Resp: 1471

Ion Ratio Lower Upper

96 100

61 1022.8 126.2 234.4#

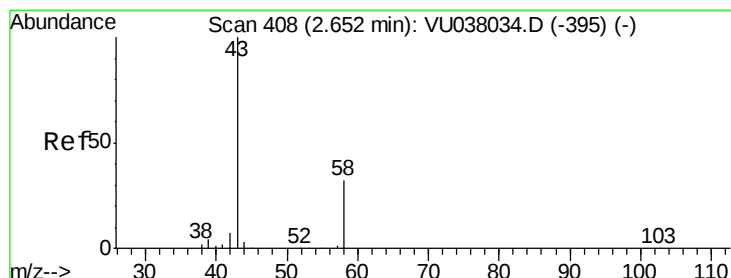
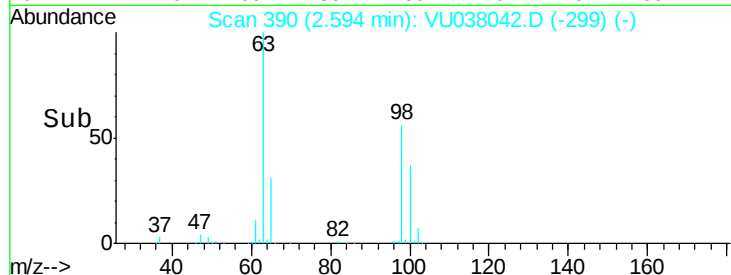
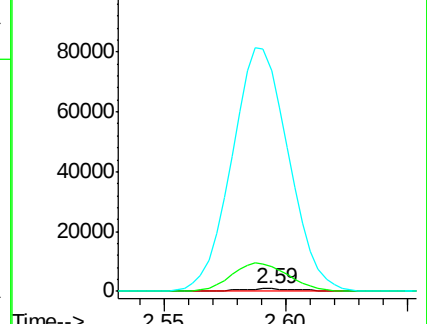
63 8927.0 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038042.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU038042.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU038042.D (-390) (-)



#13

Acetone

Concen: 0.960 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038042.D

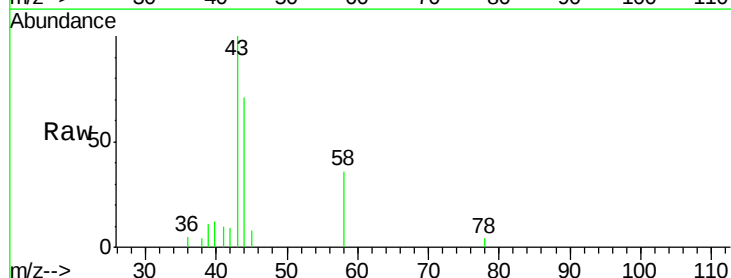
Acq: 07 May 2020 16:34

Tgt Ion: 43 Resp: 4314

Ion Ratio Lower Upper

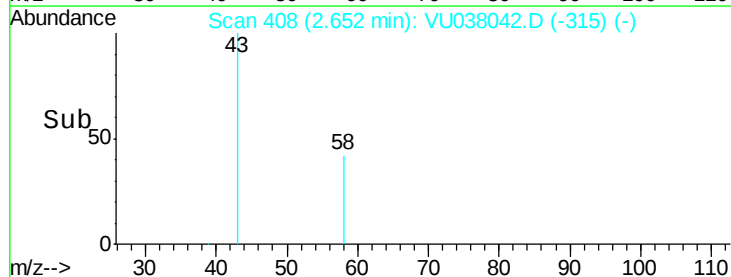
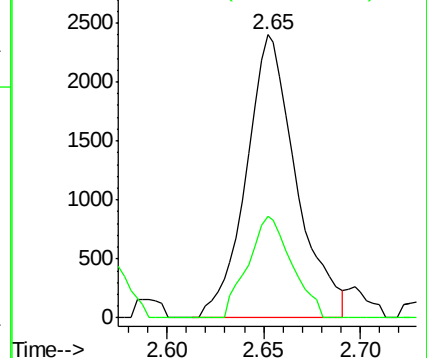
43 100

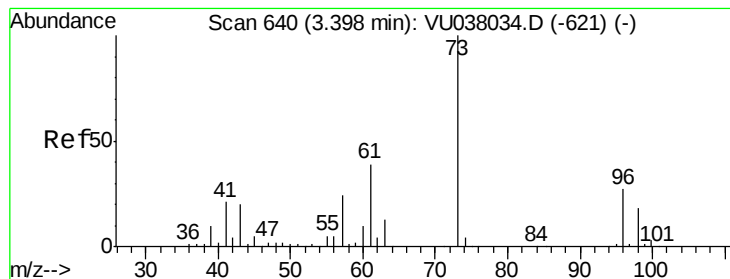
58 31.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038042.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038042.D (-315) (-)

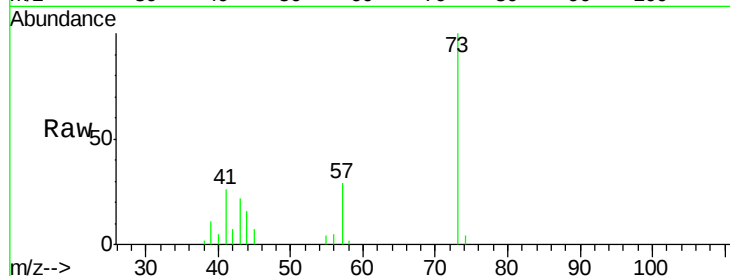




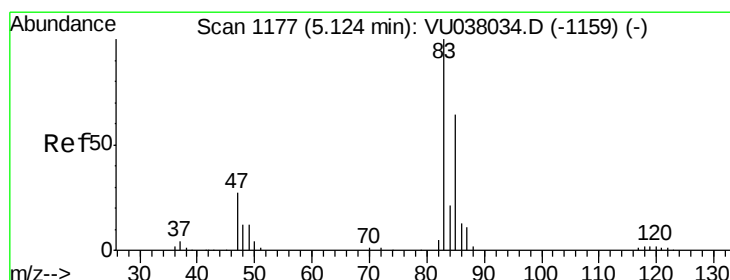
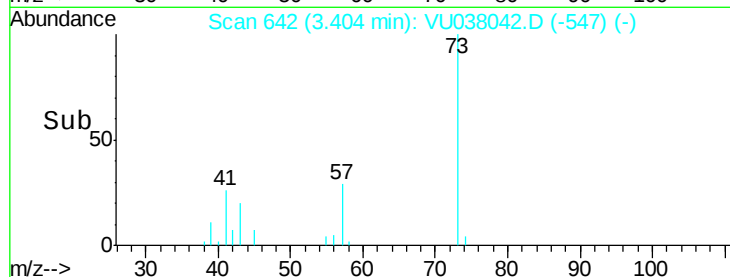
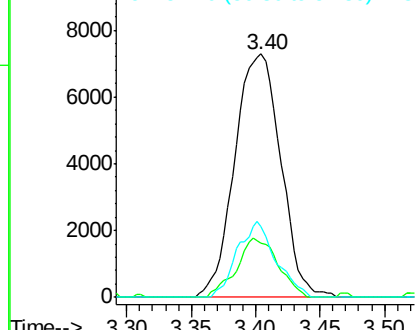
#17
Methvl tert-butvl Ether
Concen: 0.296 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.01 min
Lab File: VU038042.D
Acq: 07 May 2020 16:34

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Tot Ion: 73 Resp: 18086
Ion Ratio Lower Upper
73 100
43 21.9 16.9 25.3
57 26.0 18.2 27.2

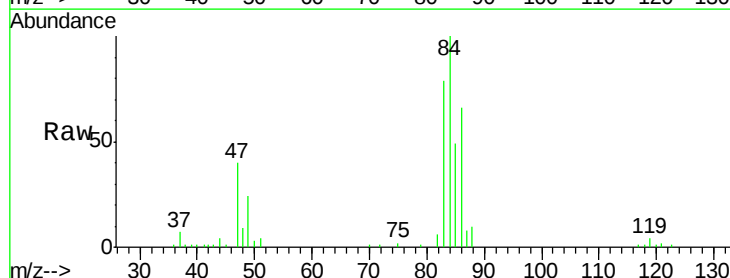


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

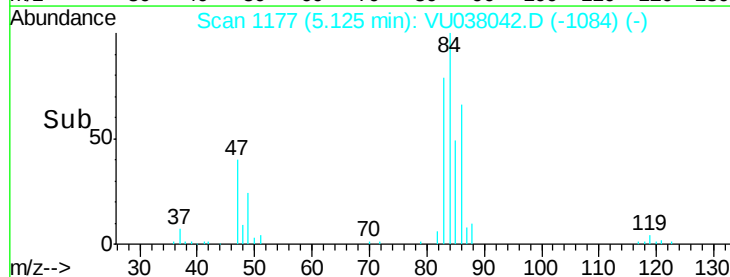
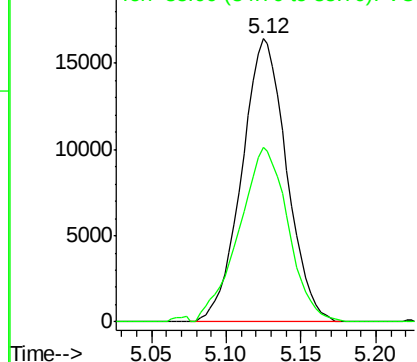


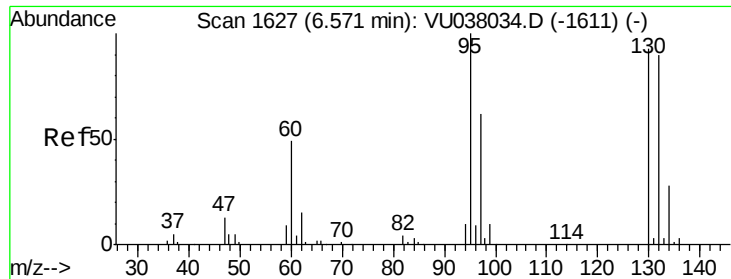
#25
Chloroform
Concen: 0.783 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038042.D
Acq: 07 May 2020 16:34

Tgt Ion: 83 Resp: 34288
Ion Ratio Lower Upper
83 100
85 61.6 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

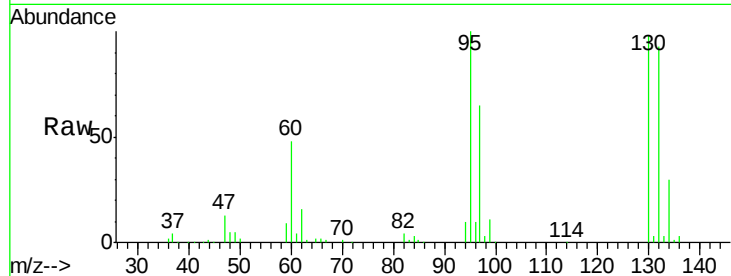




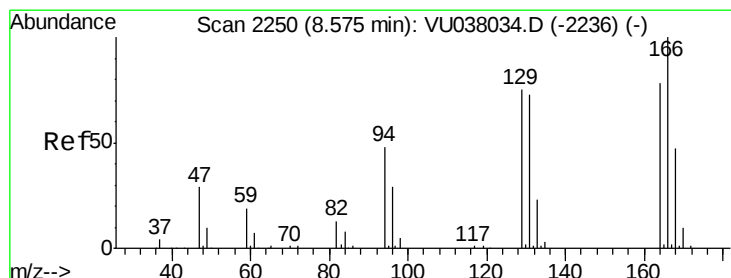
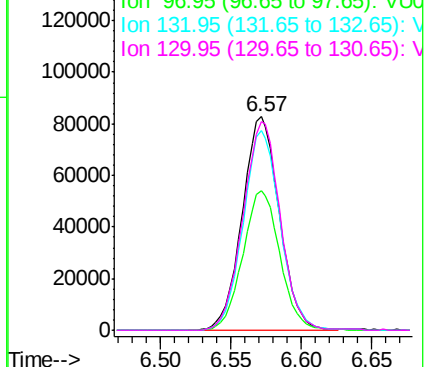
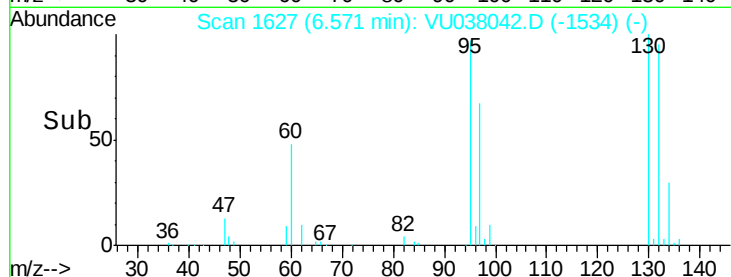
#34
 Trichloroethene
 Concen: 6.195 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038042.D
 Acq: 07 May 2020 16:34

Instrument :
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Tot Ion:	95	Resp:	152811
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.9	83.3
132	93.4	63.3	117.5
130	97.9	65.7	122.1

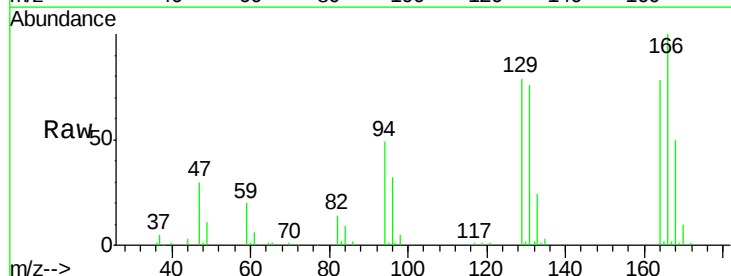


Abundance Ion 95.00 (94.70 to 95.70): VU038042.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 2.263 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038042.D
 Acq: 07 May 2020 16:34

Tgt Ion:	164	Resp:	39038
Ion	Ratio	Lower	Upper
164	100		
129	101.2	68.8	127.8
131	97.6	66.8	124.2
166	128.0	88.9	165.1



Abundance Ion 163.90 (163.60 to 164.60): VU038042.D (-2157) (-)

