

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038213.D
 Acq On : 18 May 2020 12:30
 Operator : JC/MD
 Sample : L2657-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST8

Quant Time: May 18 22:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	415972	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	400888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	192827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108114	2.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.80%
7) Chloroethane-d5	1.93	69	99877	3.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.60%#
11) 1,1-Dichloroethene-d2	2.59	63	137097	2.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.20%#
20) 2-Butanone-d5	4.68	46	397135	42.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	5.10	84	194684	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.40%#
26) 1,2-Dichloroethane-d4	5.74	65	119271	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
32) Benzene-d6	5.76	84	394560	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.60%#
36) 1,2-Dichloropropane-d6	6.72	67	135505	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.80%
41) Toluene-d8	7.92	98	337636	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	8.20	79	53160	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.66	63	303056	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115962	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	134050	3.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.40%#

Target Compounds

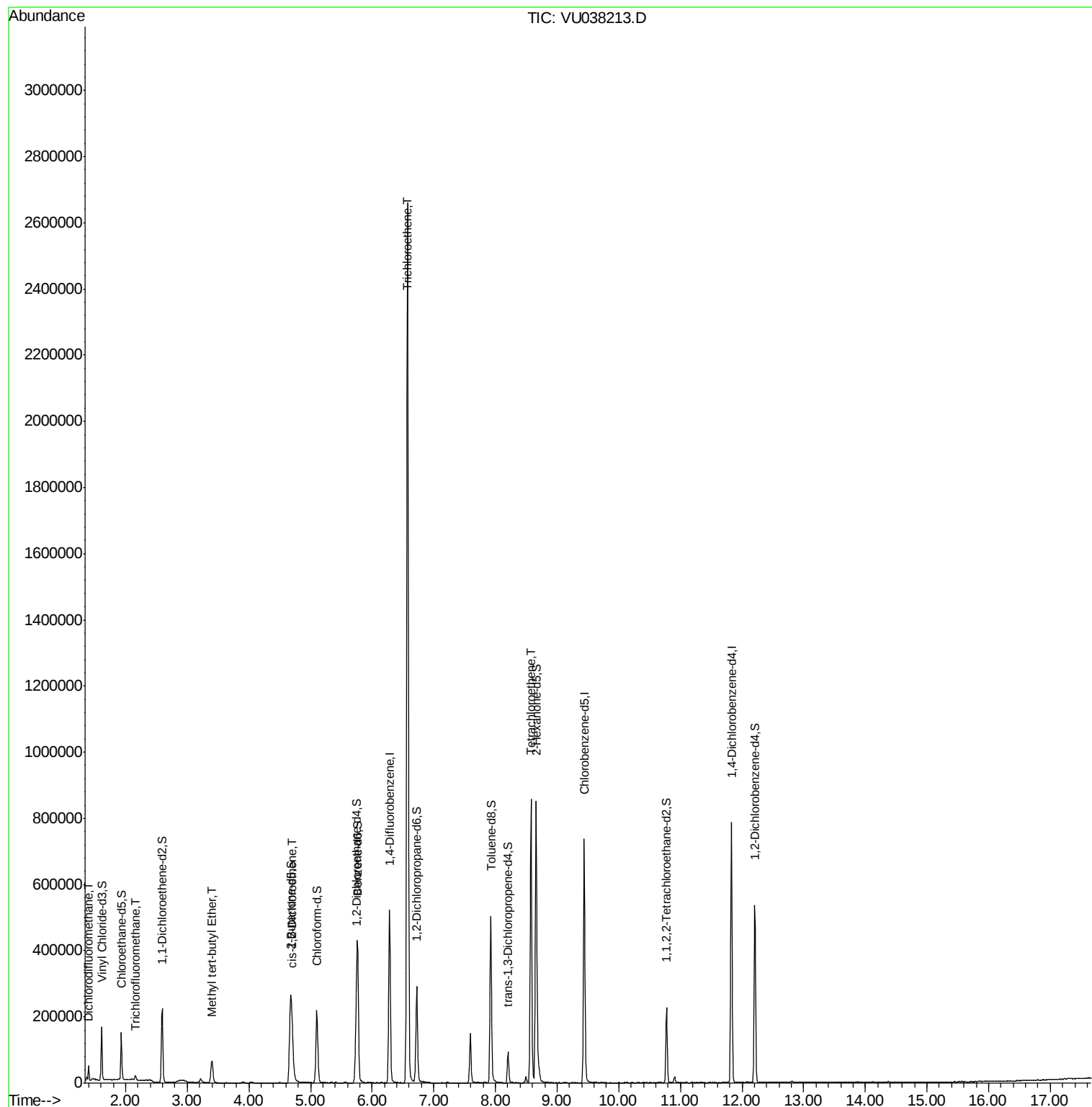
					Ovalue
2) Dichlorodifluoromethane	1.39	85	14440	0.380 ug/L	98
9) Trichlorofluoromethane	2.16	101	8199	0.178 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	71959	0.897 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	32321	0.952 ug/L	95
34) Trichloroethene	6.57	95	900383	28.042 ug/L	97
47) Tetrachloroethene	8.58	164	190273	8.472 ug/L	100

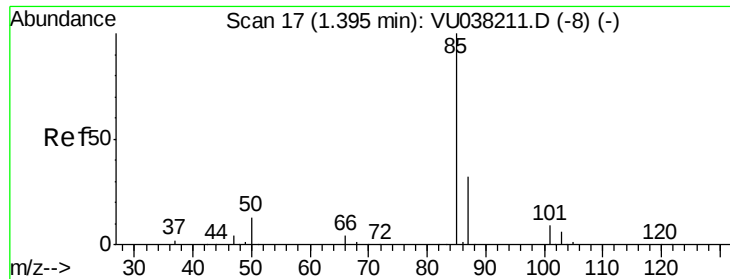
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 22:23:30 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.380 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038213.D

Acq: 18 May 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

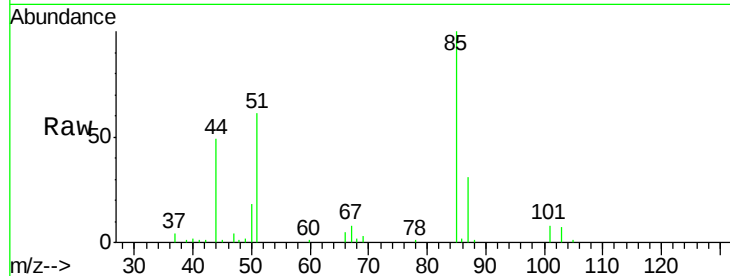
BFST8

Tot Ion: 85 Resp: 14440

Ion Ratio Lower Upper

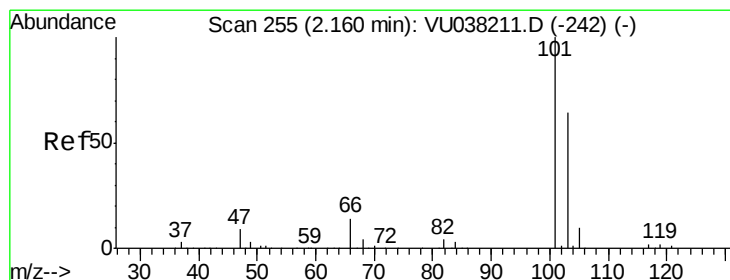
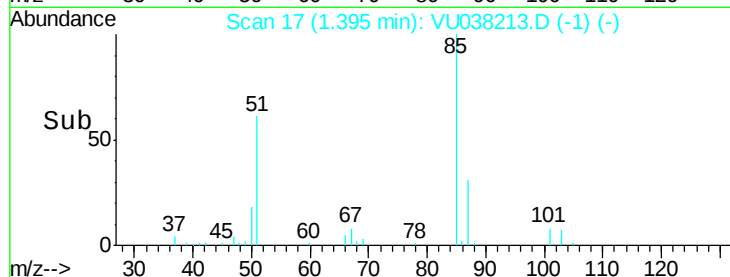
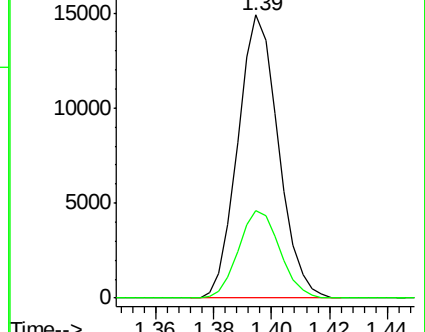
85 100

87 31.5 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU038211.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VU038211.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 0.178 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU038213.D

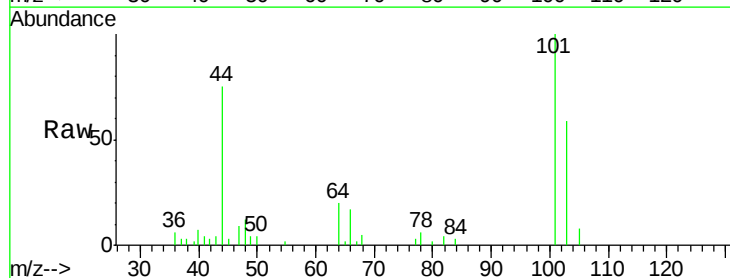
Acq: 18 May 2020 12:30

Tgt Ion:101 Resp: 8199

Ion Ratio Lower Upper

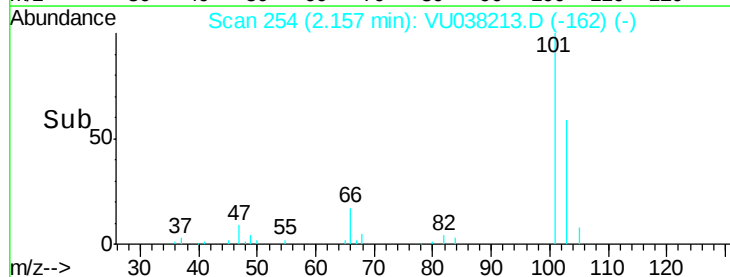
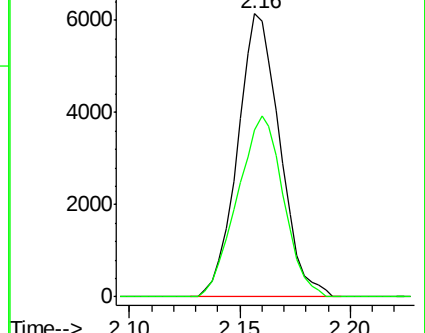
101 100

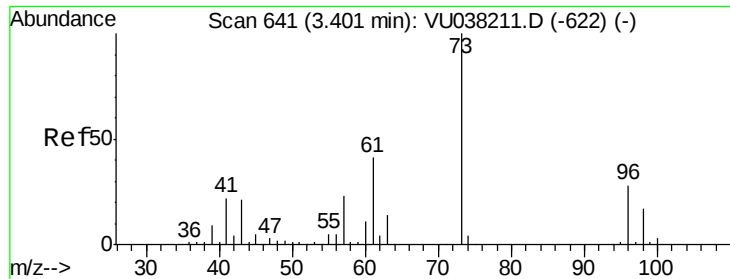
103 69.4 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): VU038211.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU038211.D (-242) (-)

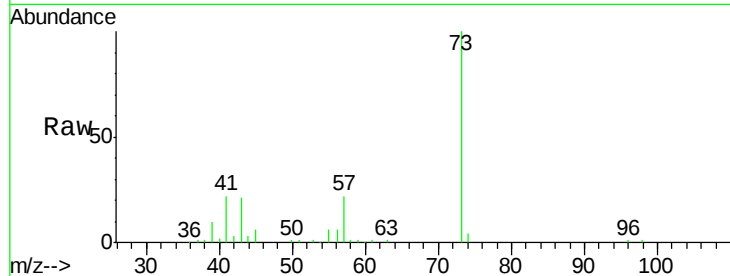




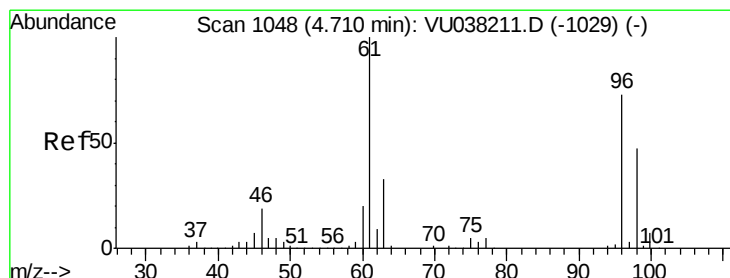
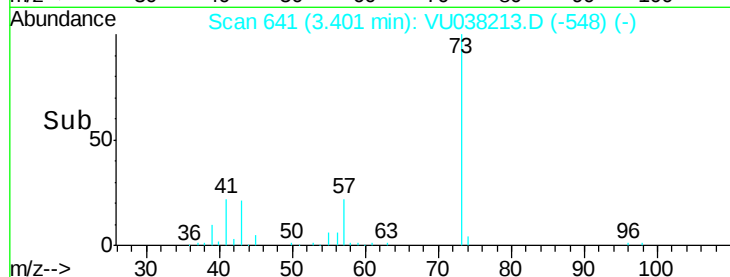
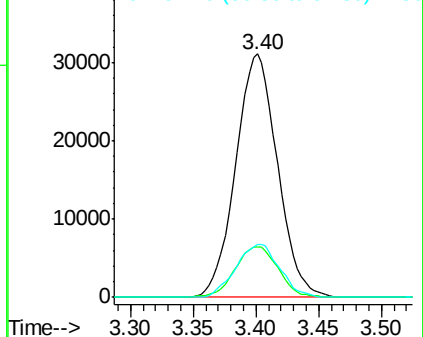
#17
Methvl tert-butvl Ether
Concen: 0.897 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038213.D
Acq: 18 May 2020 12:30

Instrument :
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Tot Ion: 73 Resp: 71959
Ion Ratio Lower Upper
73 100
43 21.5 16.9 25.3
57 22.7 18.2 27.2

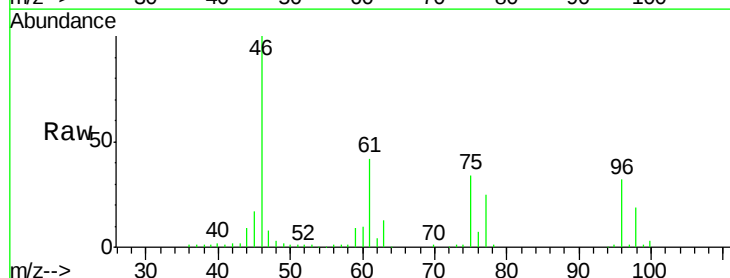


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

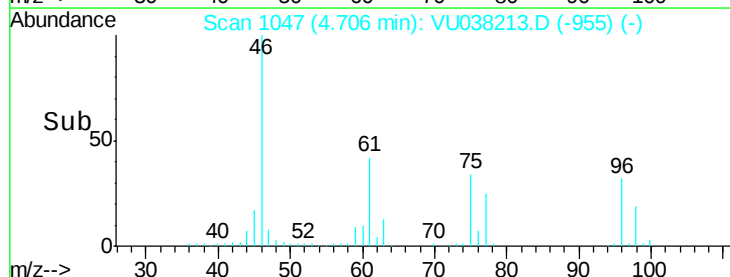
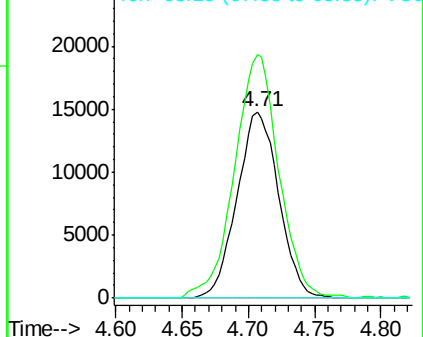


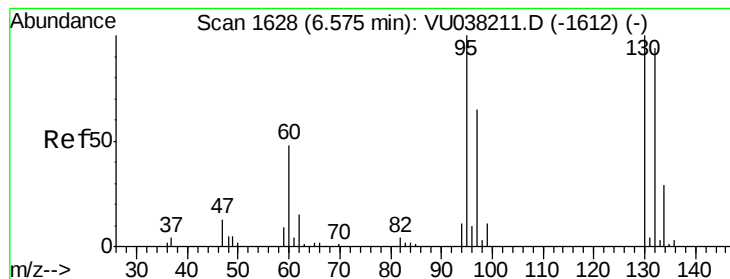
#22
cis-1,2-Dichloroethene
Concen: 0.952 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038213.D
Acq: 18 May 2020 12:30

Tgt Ion: 96 Resp: 32321
Ion Ratio Lower Upper
96 100
61 130.6 95.3 176.9
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 28.042 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU038213.D

Acq: 18 May 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

BFST8

Tot Ion: 95 Resp: 900383

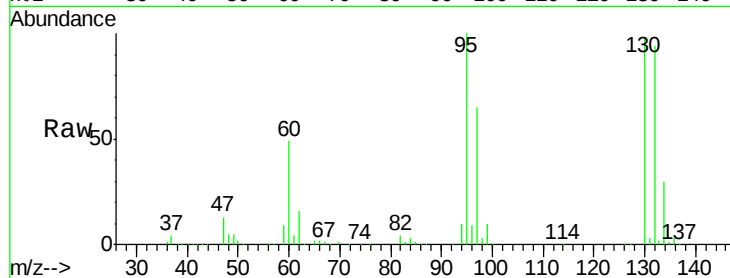
Ion Ratio Lower Upper

95 100

97 64.8 44.9 83.3

132 94.3 63.3 117.5

130 97.9 65.7 122.1

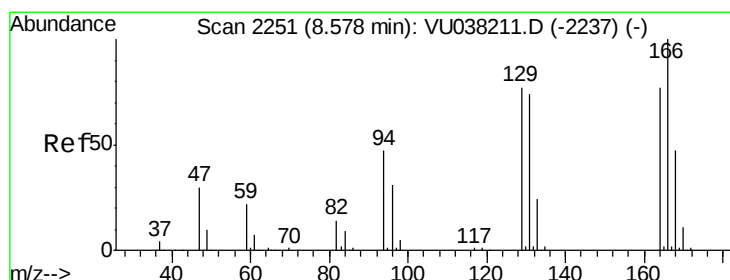
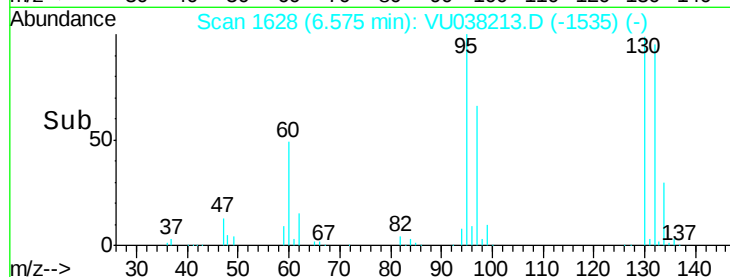
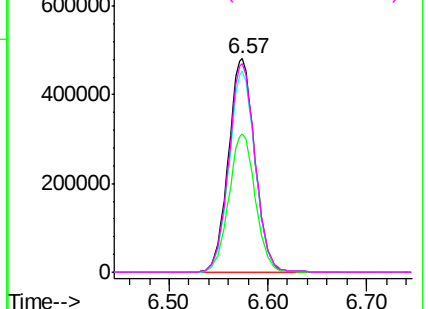


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 8.472 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU038213.D

Acq: 18 May 2020 12:30

Tgt Ion: 164 Resp: 190273

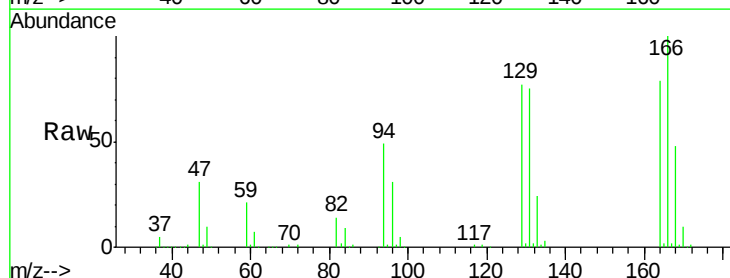
Ion Ratio Lower Upper

164 100

129 98.3 68.8 127.8

131 94.8 66.8 124.2

166 127.2 88.9 165.1



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

