

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038447.D
 Acq On : 31 May 2020 05:05
 Operator : JC/MD
 Sample : L2788-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB3

Quant Time: Jun 01 07:59:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	316651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98308	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	83664	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	150788	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.68	46	375413	59.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	5.10	84	203081	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	122596	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.76	84	409766	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	125605	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.92	98	342567	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	48397	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.66	63	311284	60.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112354	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	139339	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

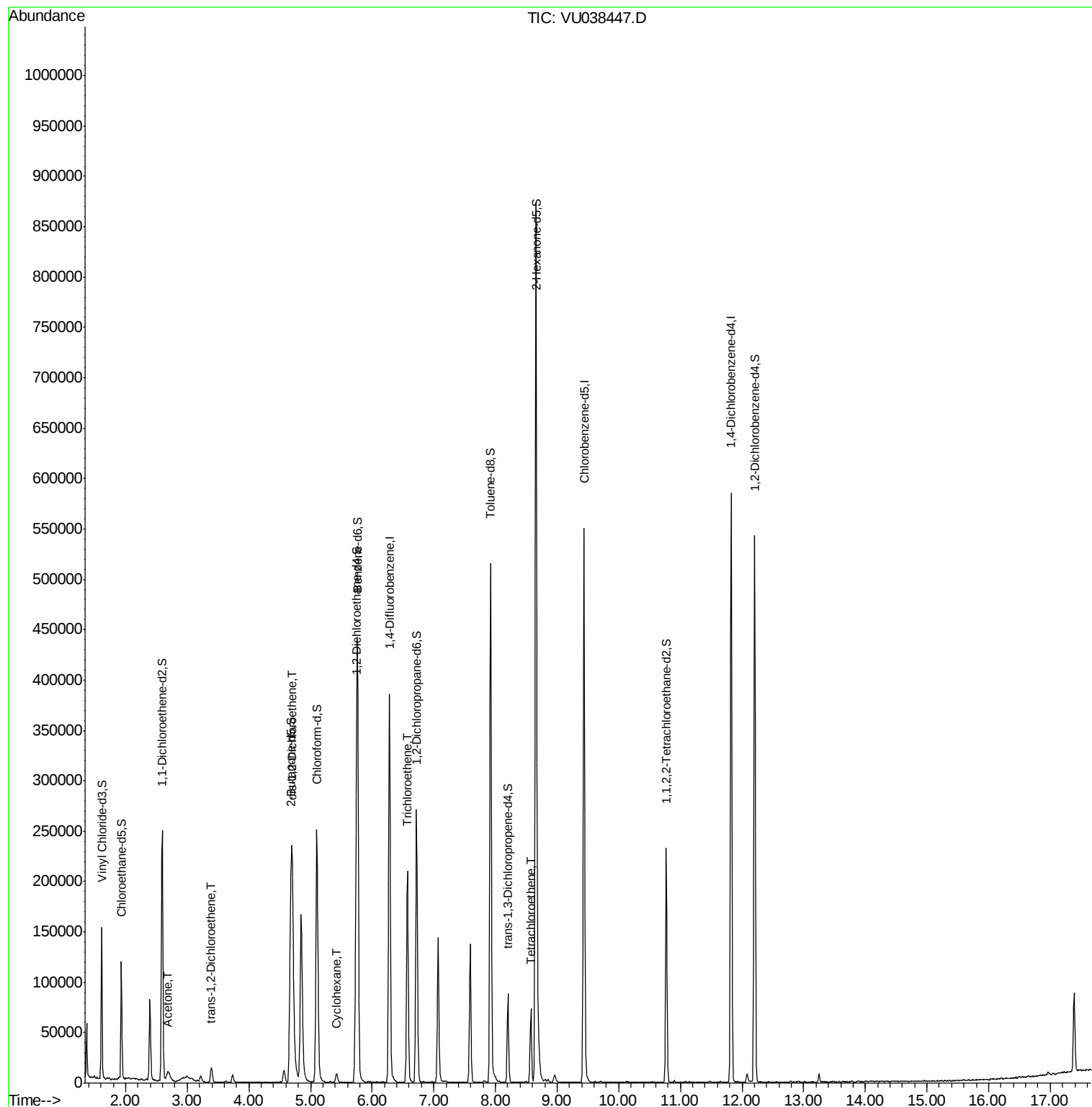
					Ovalue
13) Acetone	2.69	43	24214	5.836	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	3462	0.162	ug/L 89
22) cis-1,2-Dichloroethene	4.70	96	51024	2.214	ug/L 100
30) Cyclohexane	5.42	56	4637	0.132	ug/L 92
34) Trichloroethene	6.57	95	72091	3.146	ug/L 96
47) Tetrachloroethene	8.57	164	17722	1.064	ug/L 97

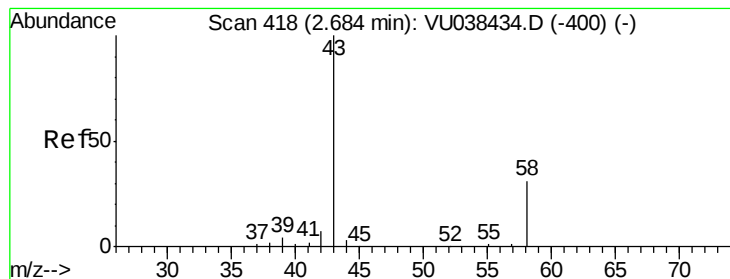
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.836 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

Instrument :

MSVOA_U

ClientSampled :

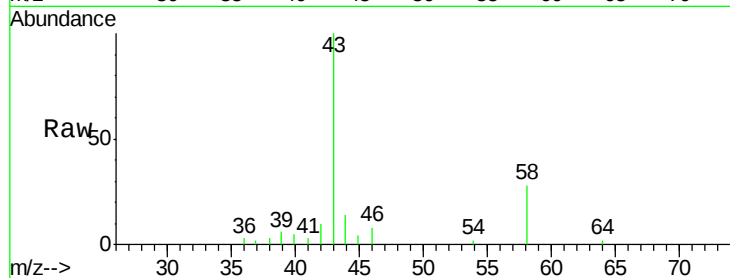
BFXB3

Tot Ion: 43 Resp: 24214

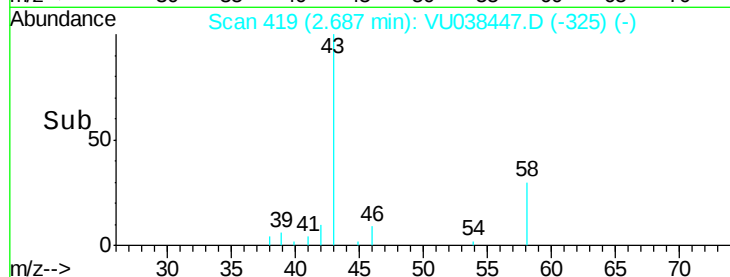
Ion Ratio Lower Upper

43 100

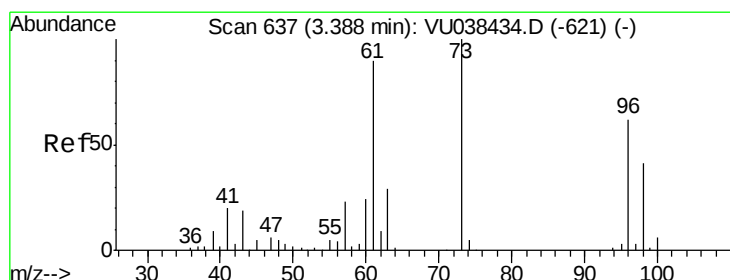
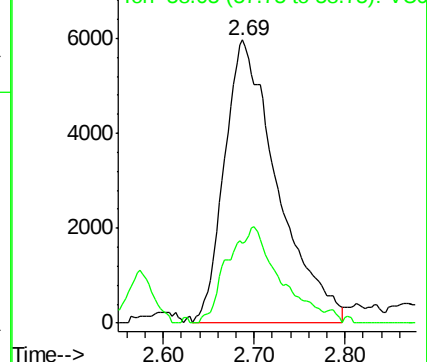
58 33.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038447.D (-325) (-)



Ion 58.05 (57.75 to 58.75): VU038447.D (-325) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

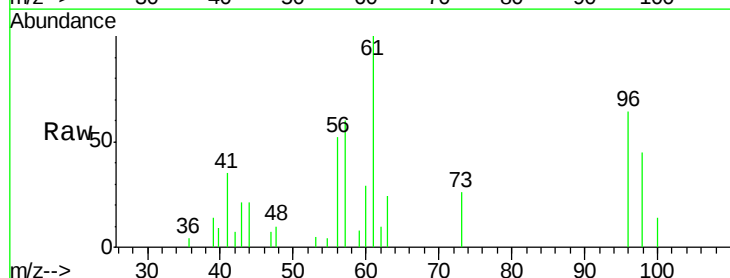
Tgt Ion: 96 Resp: 3462

Ion Ratio Lower Upper

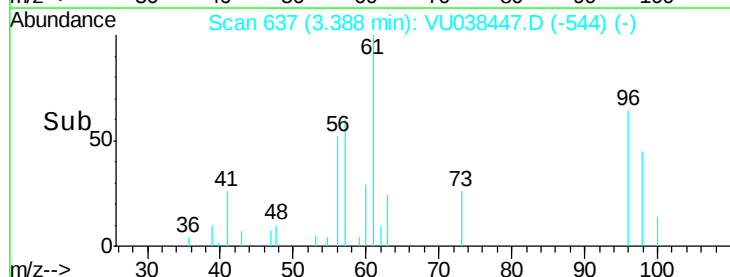
96 100

61 156.9 100.2 186.0

98 70.5 42.8 79.4

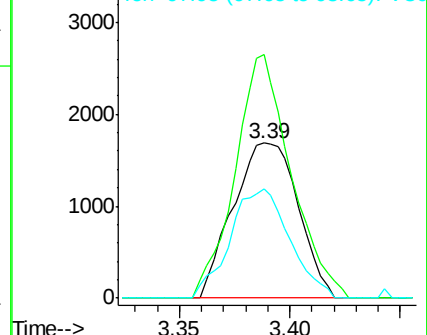


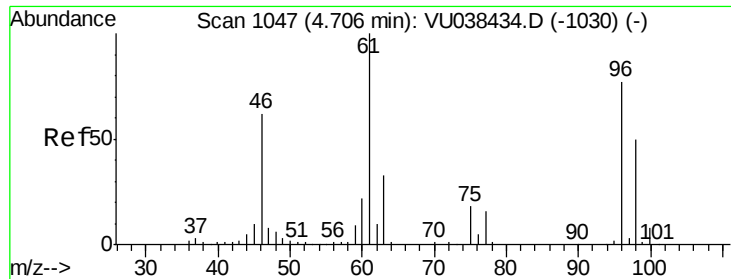
Abundance Ion 96.00 (95.70 to 96.70): VU038447.D (-544) (-)



Ion 61.05 (60.75 to 61.75): VU038447.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU038447.D (-544) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.214 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

Instrument :

MSVOA_U

ClientSampleId :

BFXB3

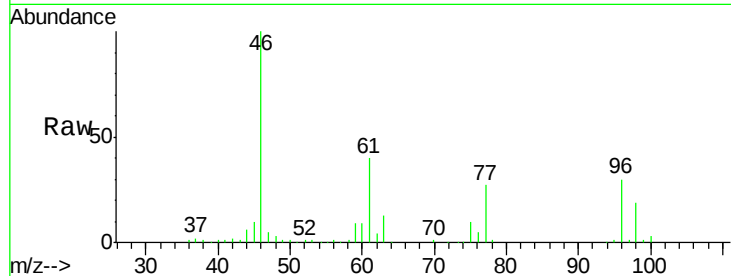
Tot Ion: 96 Resp: 51024

Ion Ratio Lower Upper

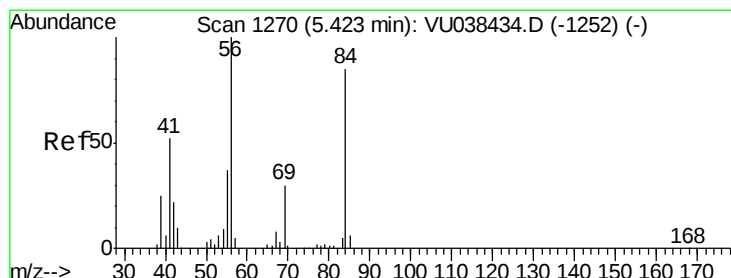
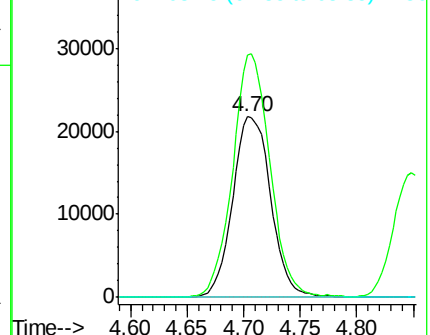
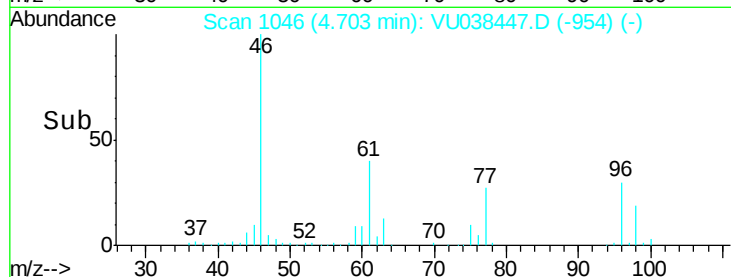
96 100

61 134.3 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038447.D (-954) (-)



#30

Cyclohexane

Concen: 0.132 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

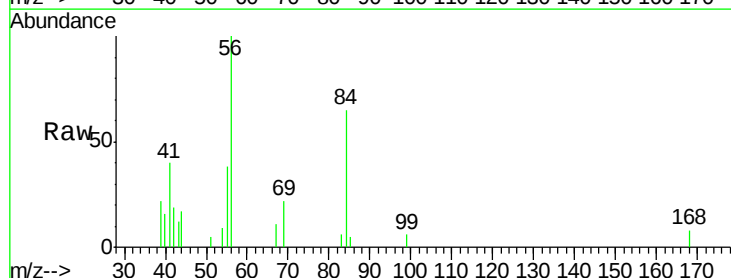
Tgt Ion: 56 Resp: 4637

Ion Ratio Lower Upper

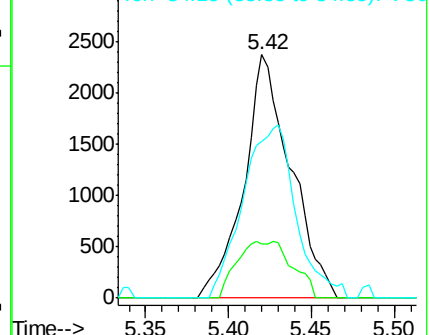
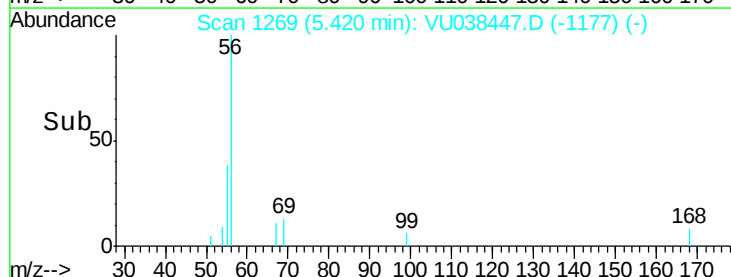
56 100

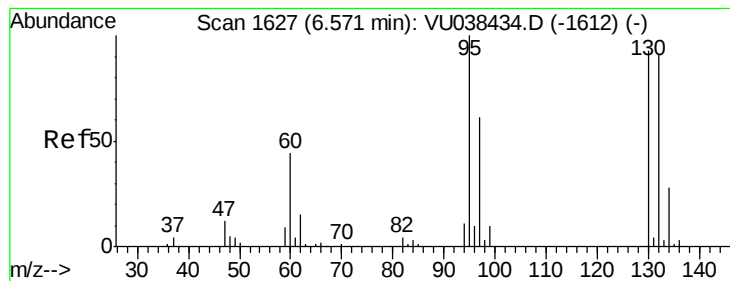
69 27.2 24.2 36.4

84 80.6 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038447.D (-1177) (-)





#34

Trichloroethene

Concen: 3.146 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

Instrument :

MSVOA_U

ClientSampleId :

BFXB3

Tot Ion: 95 Resp: 72091

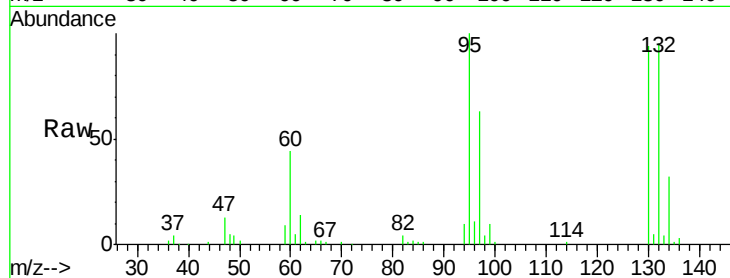
Ion Ratio Lower Upper

95 100

97 62.7 46.8 87.0

132 94.9 66.1 122.7

130 93.8 70.0 130.0

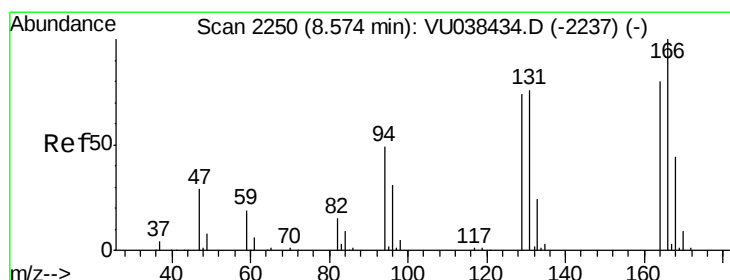
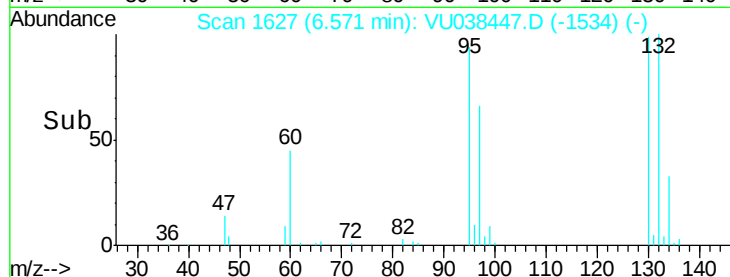
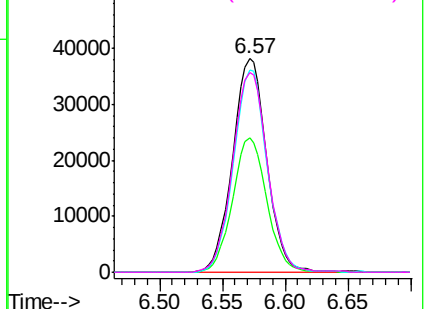


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.064 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038447.D

Acq: 31 May 2020 05:05

Tgt Ion: 164 Resp: 17722

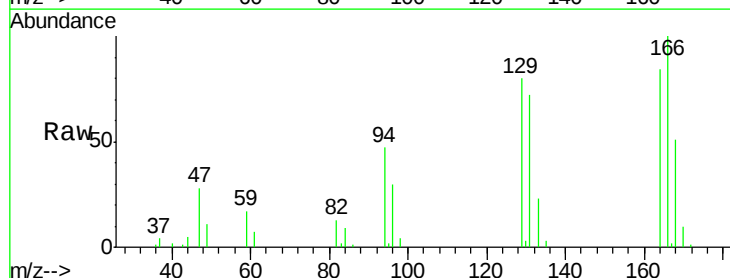
Ion Ratio Lower Upper

164 100

129 94.9 67.4 125.2

131 86.3 64.1 119.1

166 119.2 85.7 159.1



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

