

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041611.D
 Acq On : 14 Dec 2020 14:31
 Operator : SY/MD
 Sample : L5029-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K3

Quant Time: Dec 15 01:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45613	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.92	69	37839	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	66558	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	146757	46.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.70%
24) Chloroform-d	5.08	84	83666	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	48970	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.74	84	169788	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.70	67	53671	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.90	98	148460	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.18	79	23432	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	135379	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48260	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	55788	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

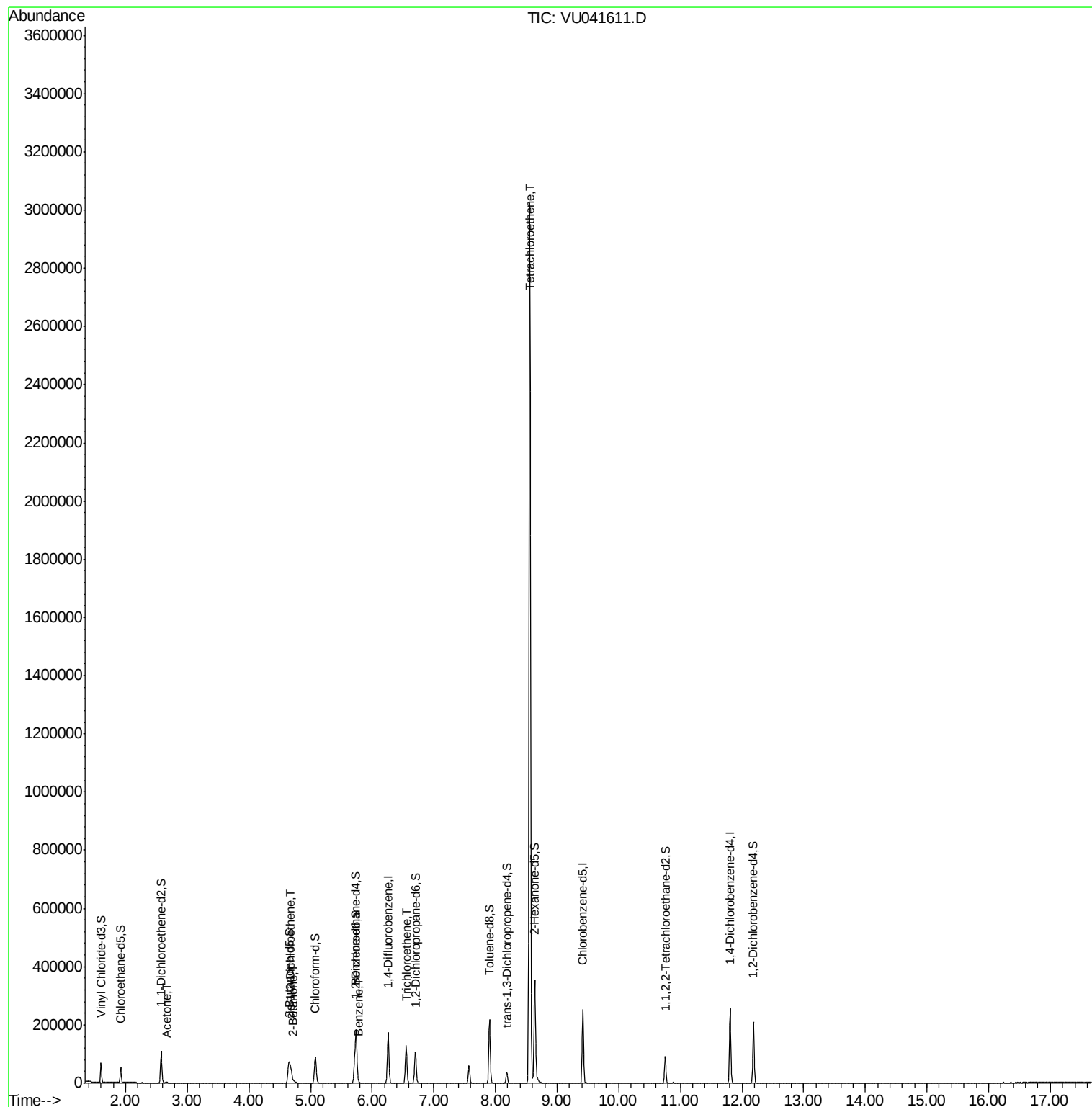
					Ovalue
13) Acetone	2.66	43	6487	3.256	ug/L 97
21) 2-Butanone	4.73	43	4462	1.375	ug/L 92
22) cis-1,2-Dichloroethene	4.68	96	10864	1.004	ug/L 99
33) Benzene	5.79	78	2784	0.062	ug/L 100
34) Trichloroethene	6.55	95	44632	3.961	ug/L 97
47) Tetrachloroethene	8.56	164	664937	84.309	ug/L 98

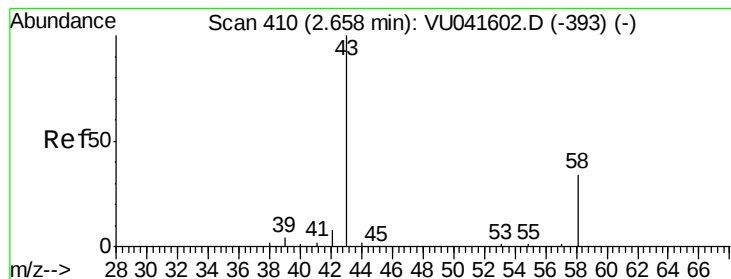
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.256 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041611.D

Acq: 14 Dec 2020 14:31

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MSVOA_U

ClientSampleId :

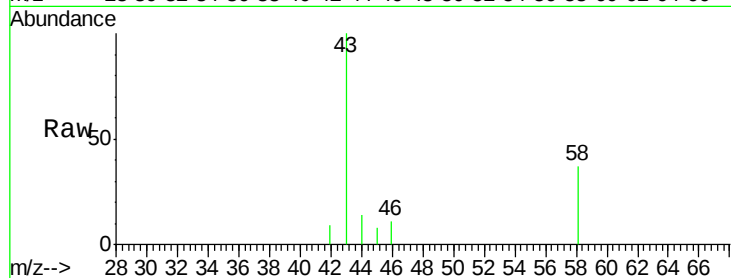
GB1K3

Tot Ion: 43 Resp: 6487

Ion Ratio Lower Upper

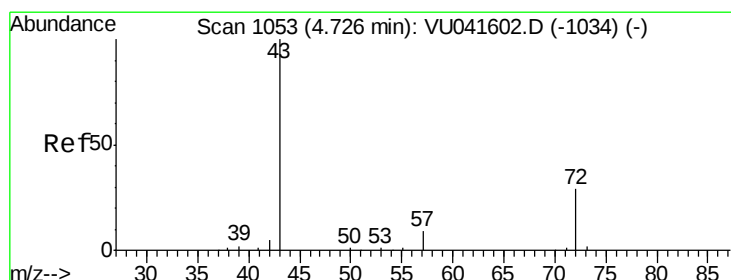
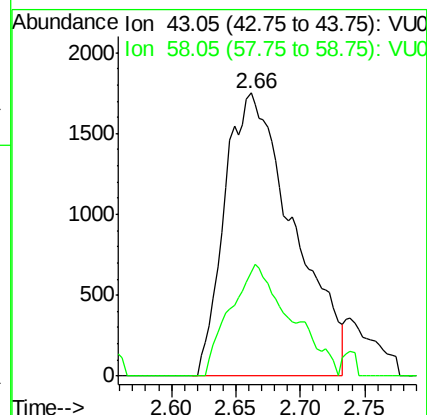
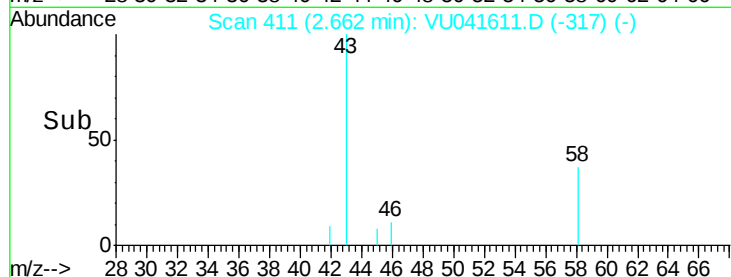
43 100

58 34.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041611.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU041611.D (-317) (-)



#21

2-Butanone

Concen: 1.375 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VU041611.D

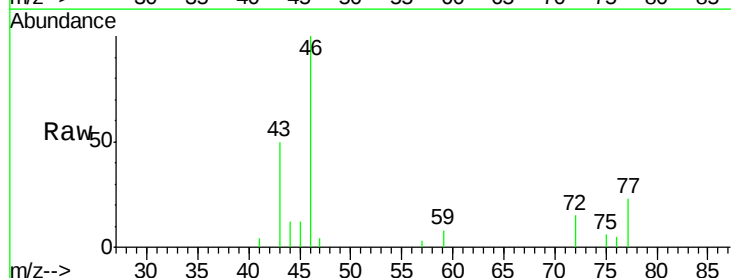
Acq: 14 Dec 2020 14:31

Tgt Ion: 43 Resp: 4462

Ion Ratio Lower Upper

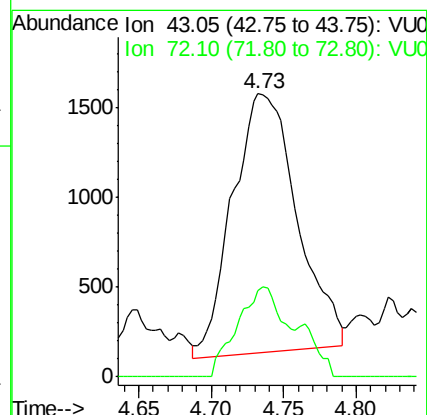
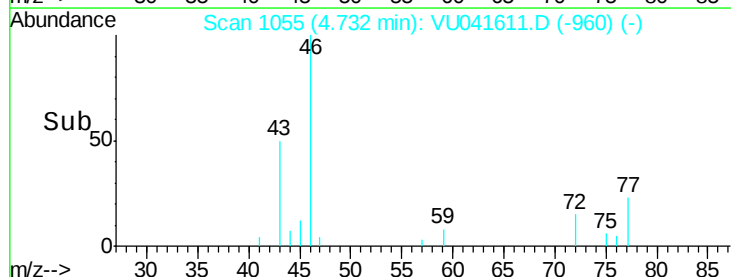
43 100

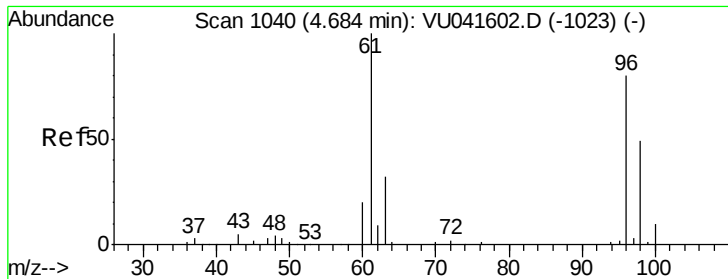
72 25.2 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041611.D (-960) (-)

Ion 72.10 (71.80 to 72.80): VU041611.D (-960) (-)

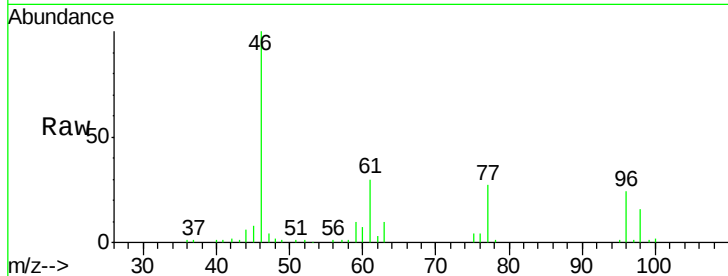




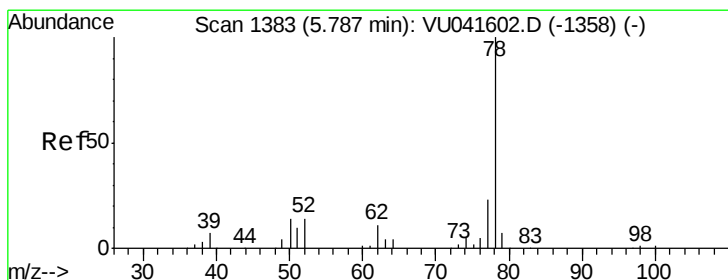
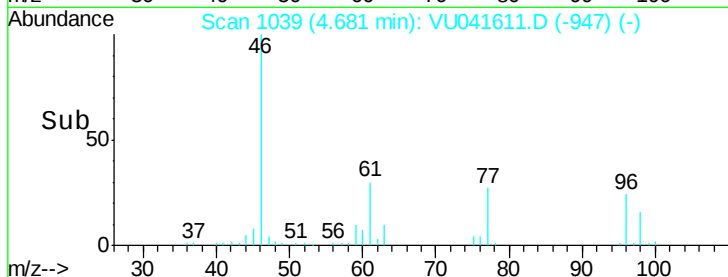
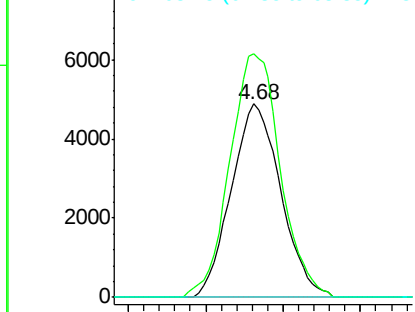
#22
 cis-1,2-Dichloroethene
 Concen: 1.004 ug/L
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU041611.D
 Acq: 14 Dec 2020 14:31

Instrument :
 MSVOA_U
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 GB1K3

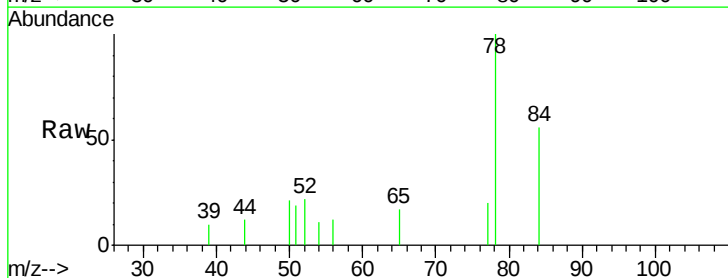
Tot Ion: 96 Resp: 10864
 Ion Ratio Lower Upper
 96 100
 61 125.9 88.8 165.0
 68 0.0 0.0 0.0



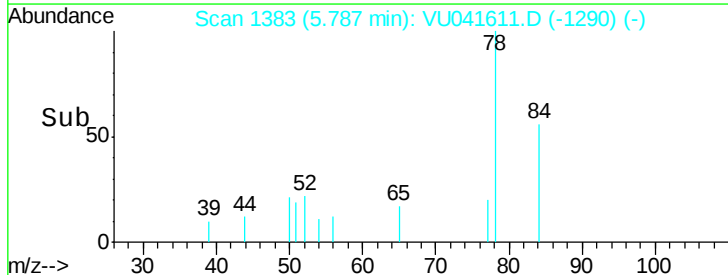
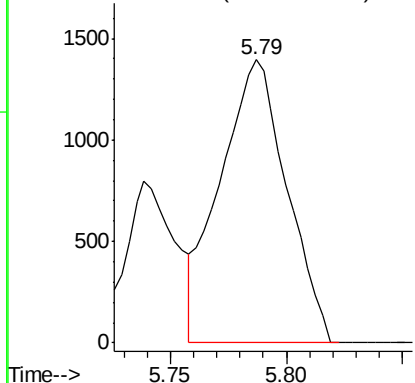
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

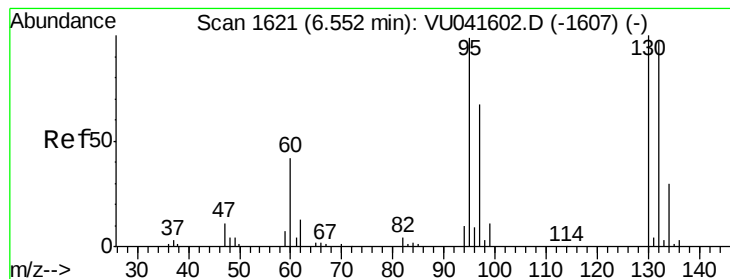


#33
 Benzene
 Concen: 0.062 ug/L
 RT: 5.79 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VU041611.D
 Acq: 14 Dec 2020 14:31
 Tgt Ion: 78 Resp: 2784



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 3.961 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041611.D

Acq: 14 Dec 2020 14:31

Instrument :

MSVOA_U

ClientSampleId :

GB1K3

Tot Ion: 95 Resp: 44632

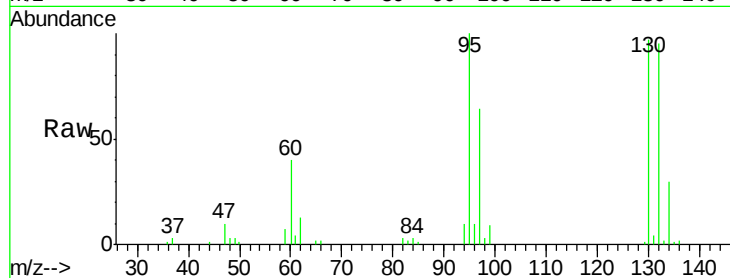
Ion Ratio Lower Upper

95 100

97 64.0 43.9 81.5

132 95.5 63.1 117.3

130 97.5 67.4 125.2

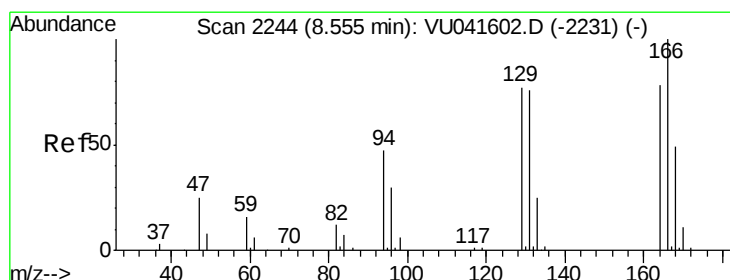
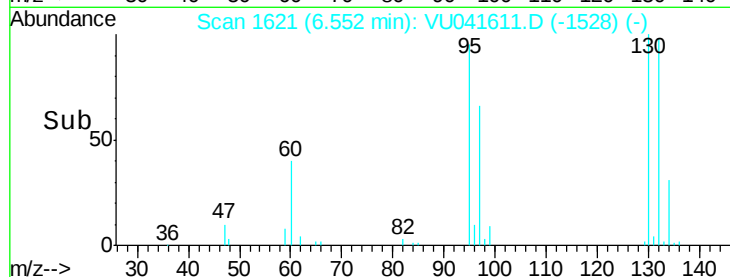
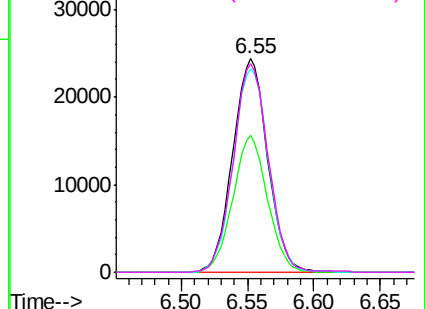


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 84.309 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041611.D

Acq: 14 Dec 2020 14:31

Tgt Ion:164 Resp: 664937

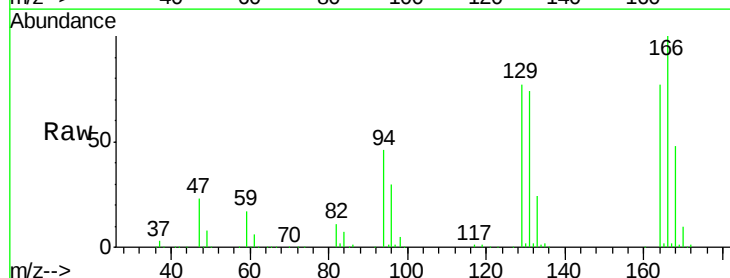
Ion Ratio Lower Upper

164 100

129 99.4 72.2 134.0

131 95.5 66.9 124.3

166 129.8 89.6 166.4



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

