

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041467.D
 Acq On : 04 Dec 2020 13:50
 Operator : SY/MD
 Sample : L4944-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP5

Quant Time: Dec 05 06:26:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51357	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14082	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	12198	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	24962	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.65	46	55870	56.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.96%
24) Chloroform-d	5.08	84	37657	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	26687	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.74	84	58275	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	17582	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.90	98	56370	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	10865	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.64	63	43233	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19381	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25822	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

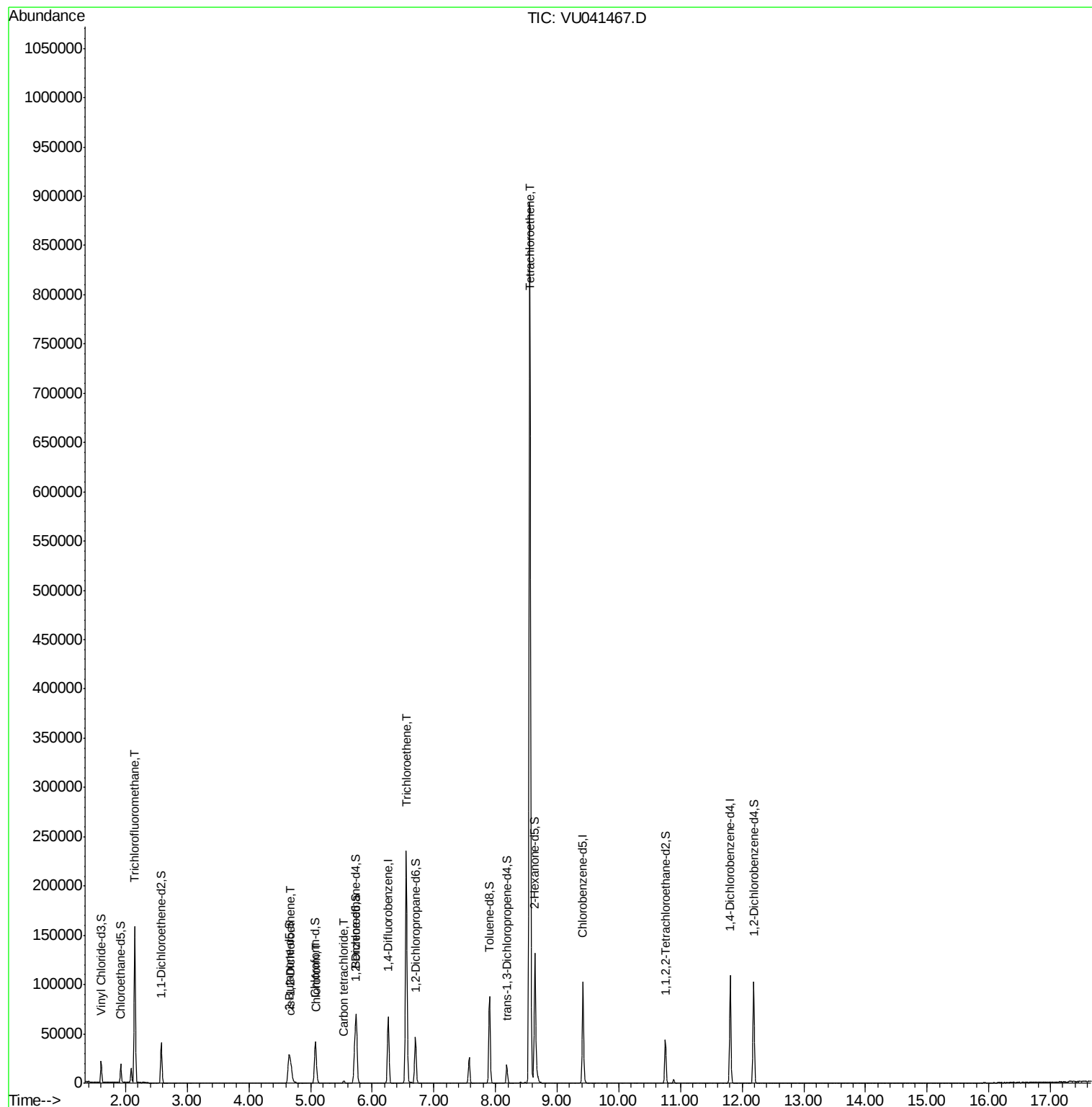
					Ovalue
9) Trichlorofluoromethane	2.15	101	104346	13.367 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	3668	1.089 ug/L	94
25) Chloroform	5.10	83	1836	0.257 ug/L	91
31) Carbon tetrachloride	5.54	117	1427	0.209 ug/L	93
34) Trichloroethene	6.55	95	77204	20.080 ug/L	99
47) Tetrachloroethene	8.56	164	178757	58.864 ug/L	96

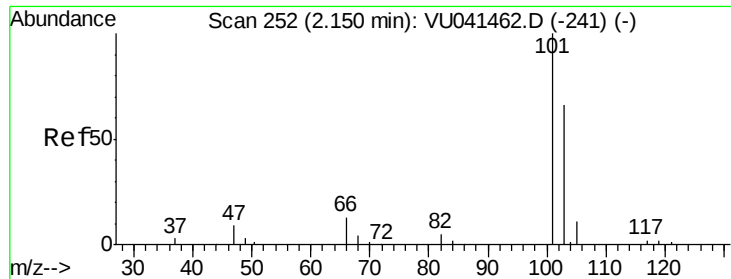
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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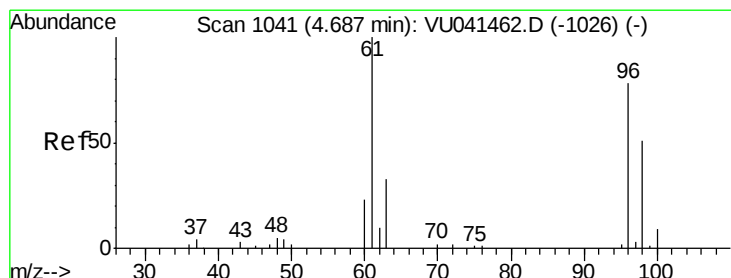
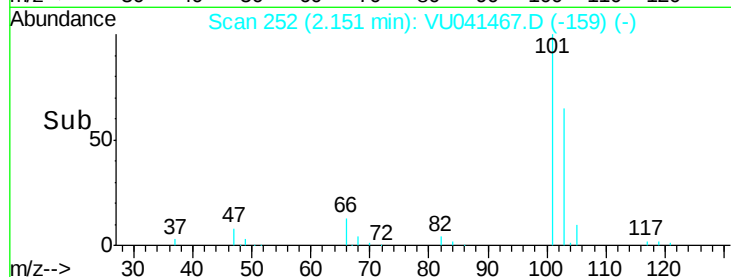
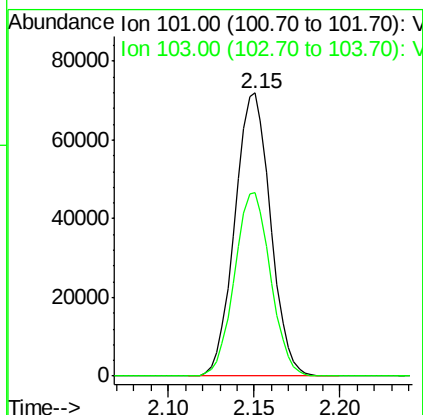
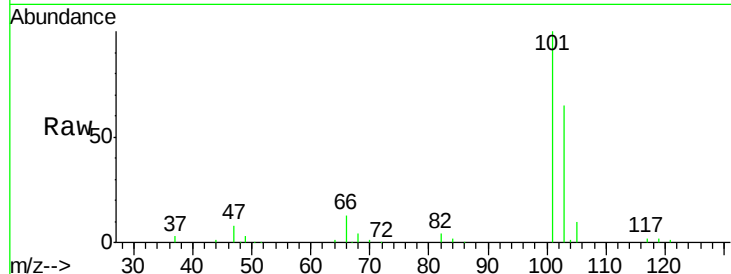


#9

Trichlorofluoromethane
Concen: 13.367 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041467.D
Acq: 04 Dec 2020 13:50

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MSVOA_U
ClientSampleId :
C0AP5

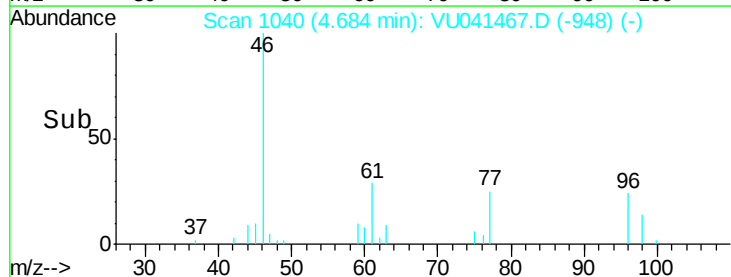
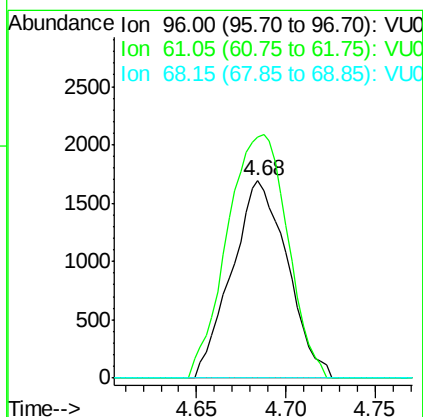
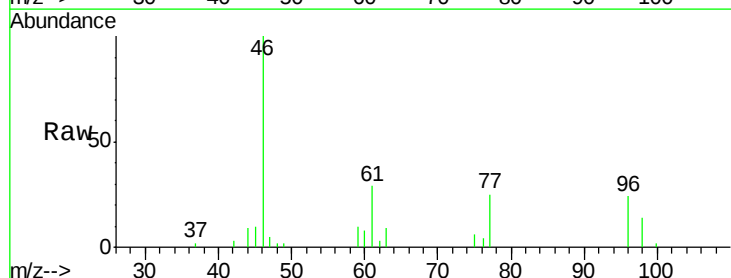
Tot Ion:101 Resp: 104346
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

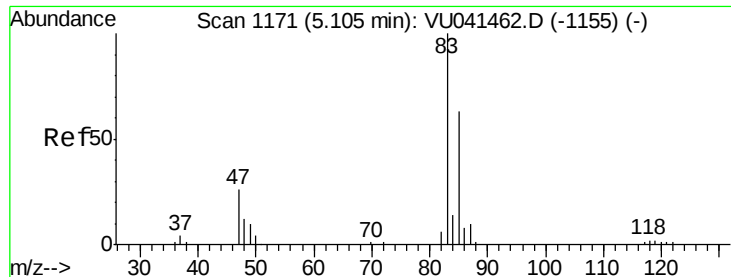


#22

cis-1,2-Dichloroethene
Concen: 1.089 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041467.D
Acq: 04 Dec 2020 13:50

Tgt Ion: 96 Resp: 3668
Ion Ratio Lower Upper
96 100
61 122.4 90.5 168.1
68 0.0 0.0 0.0

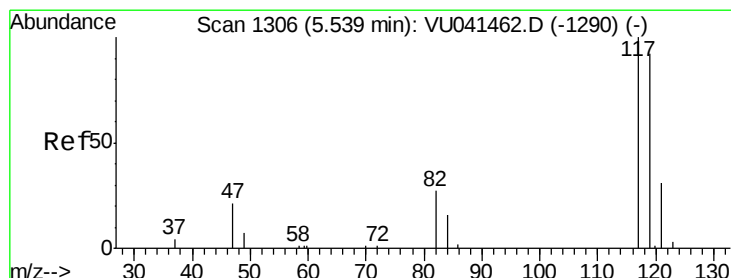
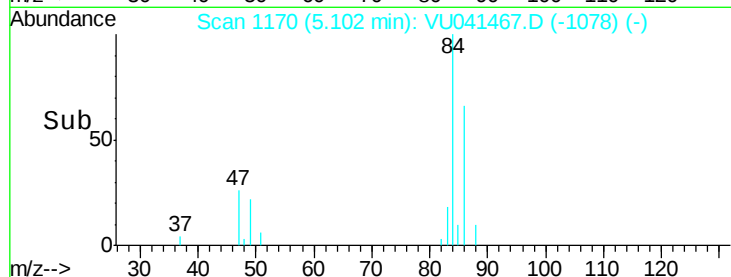
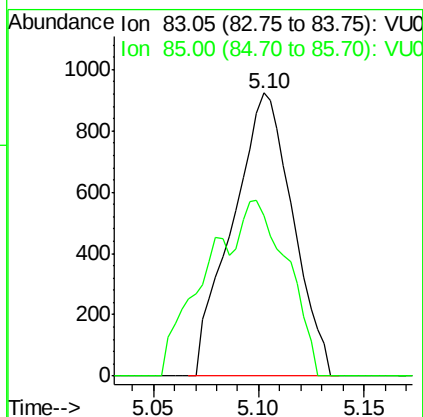
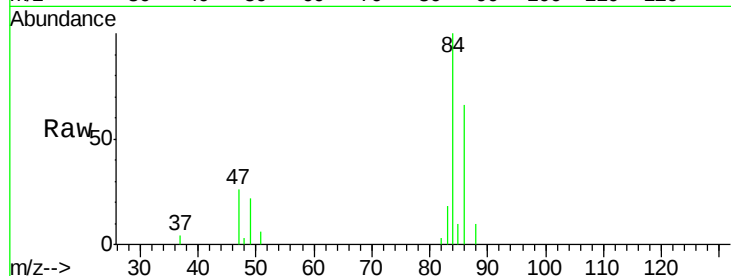




#25
Chloroform
Concen: 0.257 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041467.D
Acq: 04 Dec 2020 13:50

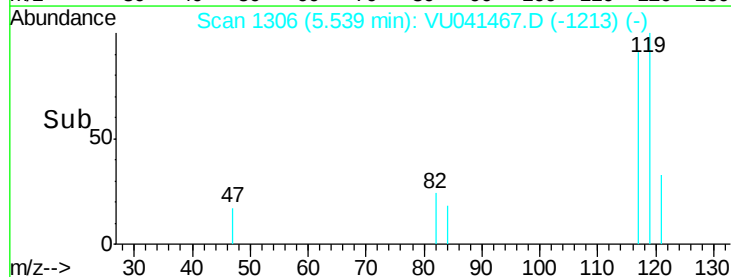
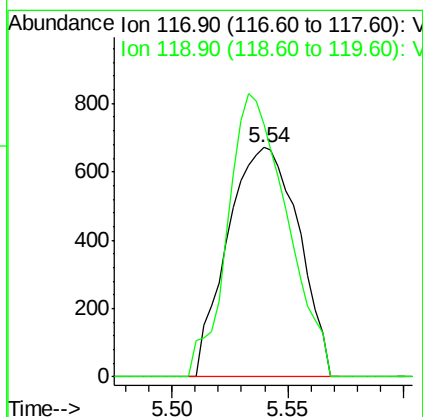
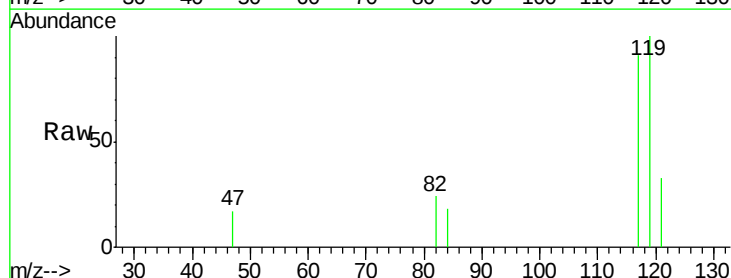
Instrument :
MSVOA_U
ClientSampleId :
C0AP5

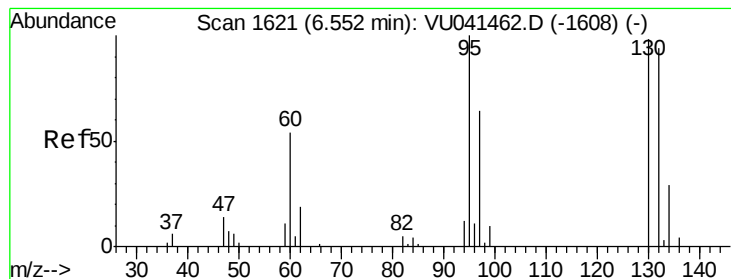
Tot Ion: 83 Resp: 1836
Ion Ratio Lower Upper
83 100
85 56.6 44.7 82.9



#31
Carbon tetrachloride
Concen: 0.209 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041467.D
Acq: 04 Dec 2020 13:50

Tgt Ion: 117 Resp: 1427
Ion Ratio Lower Upper
117 100
119 102.9 77.2 115.8





#34

Trichloroethene

Concen: 20.080 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041467.D

Acq: 04 Dec 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

C0AP5

Tot Ion: 95 Resp: 77204

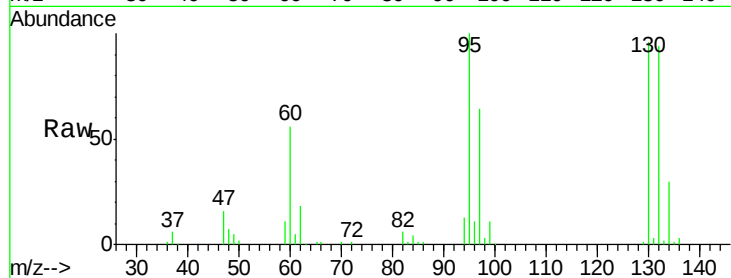
Ion Ratio Lower Upper

95 100

97 63.7 44.7 83.1

132 93.9 65.7 121.9

130 96.4 68.8 127.8

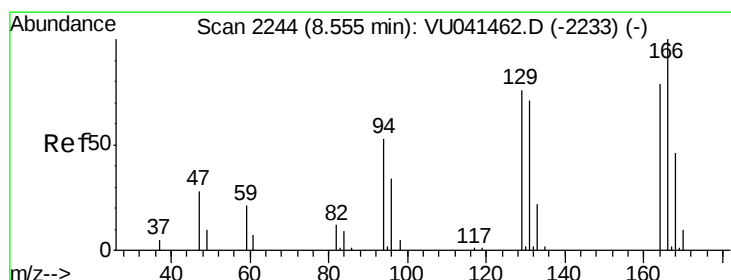
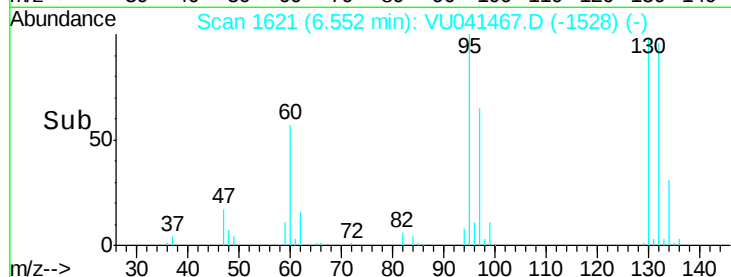
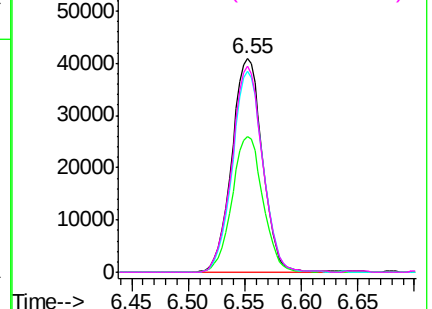


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 58.864 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041467.D

Acq: 04 Dec 2020 13:50

Tgt Ion:164 Resp: 178757

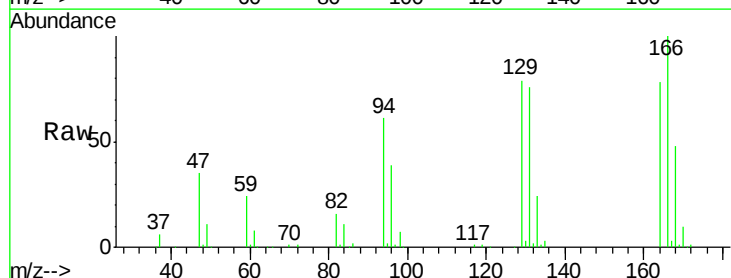
Ion Ratio Lower Upper

164 100

129 101.2 67.1 124.7

131 97.9 63.3 117.7

166 128.1 88.8 164.8



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

