

Data File : VU041094.D
Acq On : 04 Nov 2020 11:31
Operator : SY/MD
Sample : L4575-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Quant Time: Nov 05 01:12:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15991	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.92	69	12802	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.58	63	22723	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.65	46	76373	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	5.08	84	32063	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.72	65	21778	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.74	84	57742	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	6.70	67	20254	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.90	98	44401	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
43) trans-1,3-Dichloropropene-	8.19	79	7993	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.64	63	53867	47.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20187	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	18025	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

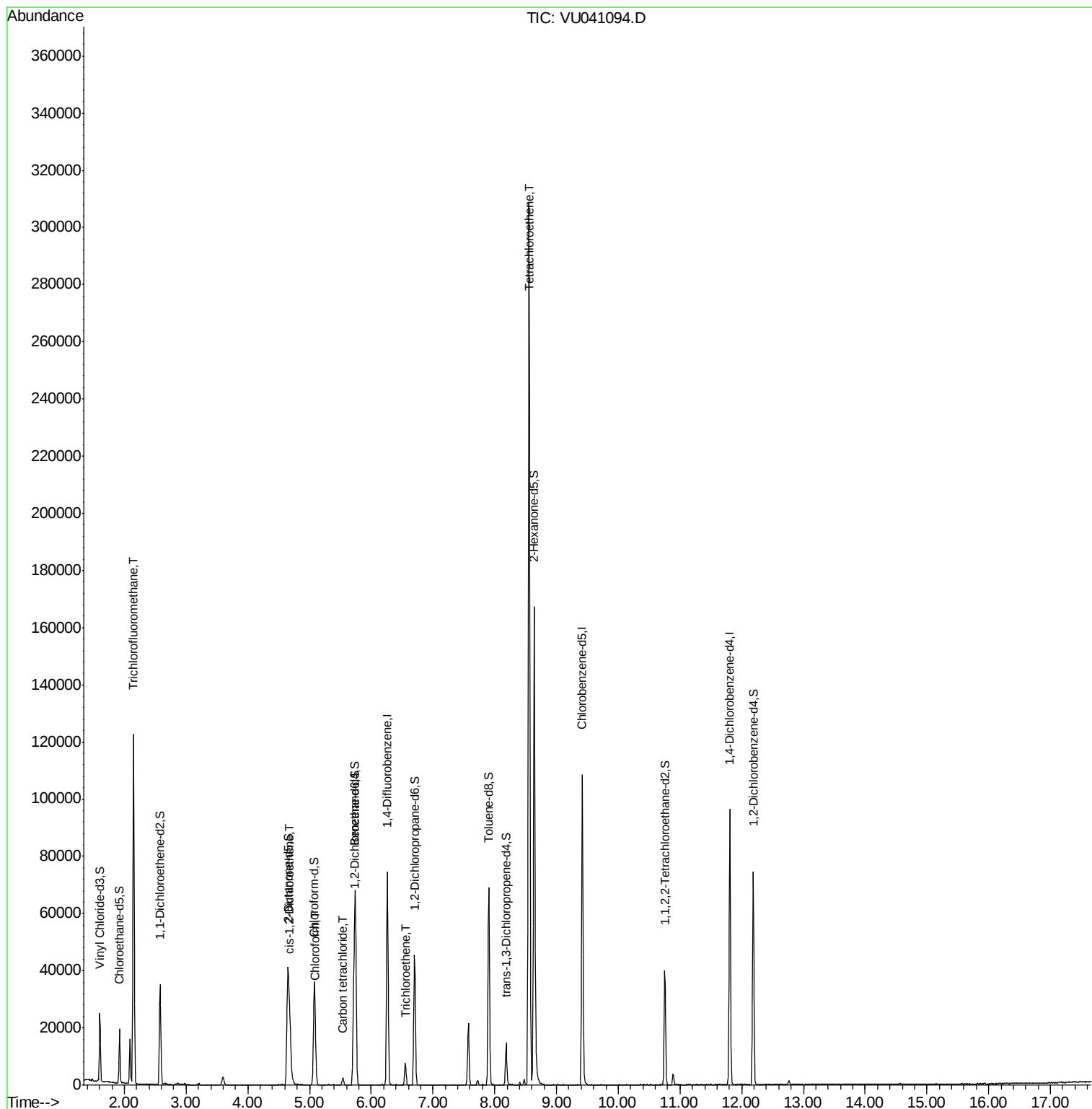
						Qvalue
9) Trichlorofluoromethane	2.15	101	76462	11.113	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	5223	1.309	ug/L	99
25) Chloroform	5.11	83	1708	0.220	ug/L	88
31) Carbon tetrachloride	5.54	117	1590	0.261	ug/L	92
34) Trichloroethene	6.55	95	2871	0.671	ug/L	93
47) Tetrachloroethene	8.56	164	61569	19.579	ug/L	98

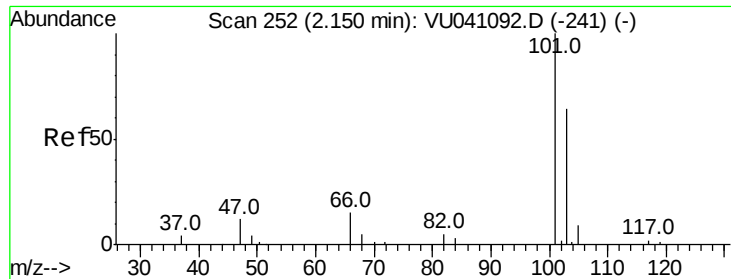
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 11.113 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

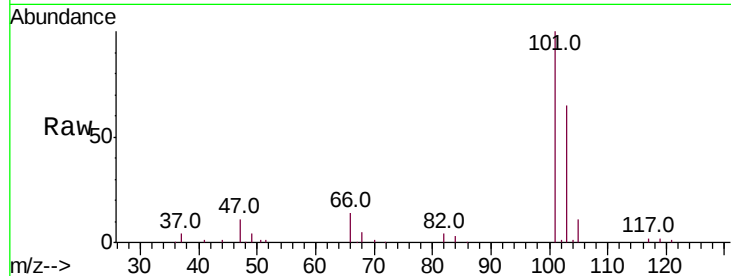
C0AA2

Tgt Ion:101 Resp: 76462

Ion Ratio Lower Upper

101 100

103 64.5 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.15

60000

50000

40000

30000

20000

10000

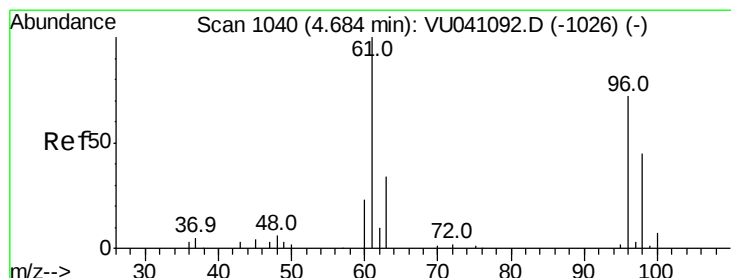
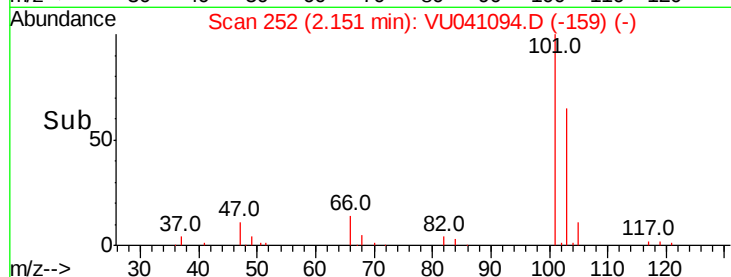
0

Time-->

2.10

2.15

2.20



#22

cis-1,2-Dichloroethene

Concen: 1.309 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

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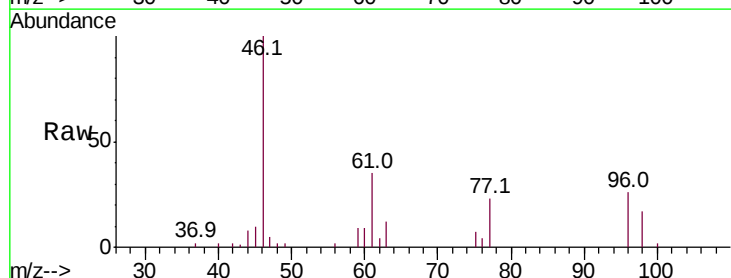
Tgt Ion: 96 Resp: 5223

Ion Ratio Lower Upper

96 100

61 137.2 97.2 180.4

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

4000

3000

2000

1000

0

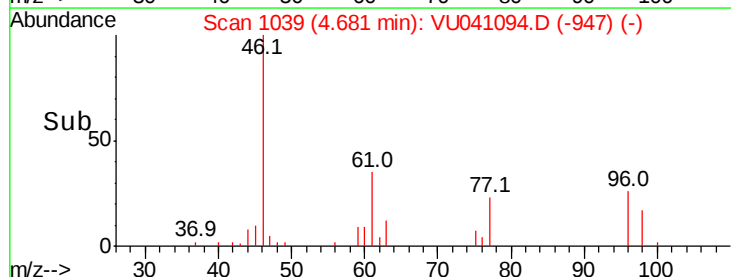
Time-->

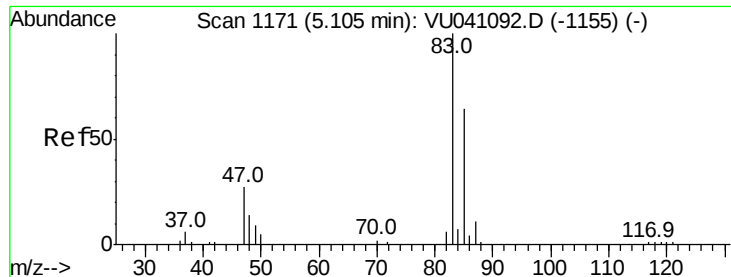
4.60

4.65

4.70

4.75

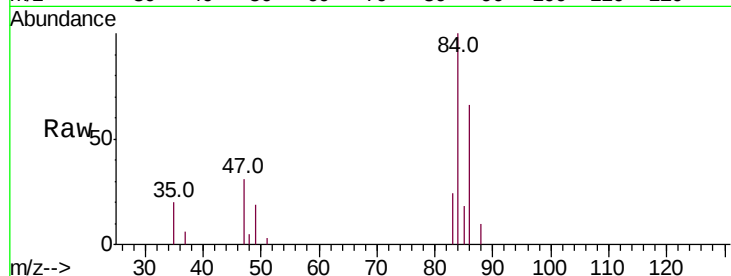




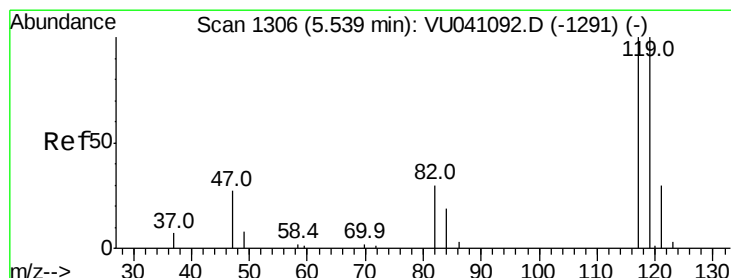
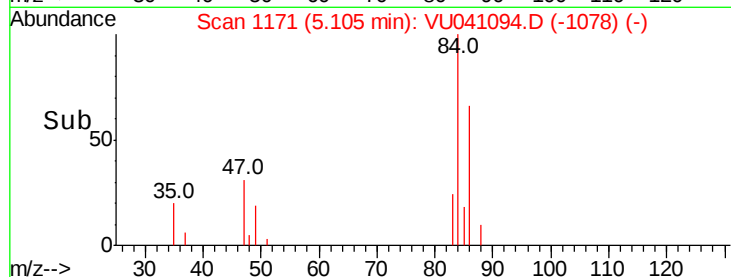
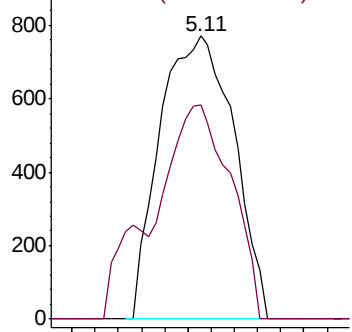
#25
Chloroform
Concen: 0.220 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampleId :
C0AA2

Tgt Ion: 83 Resp: 1708
Ion Ratio Lower Upper
83 100
85 75.6 46.1 85.7

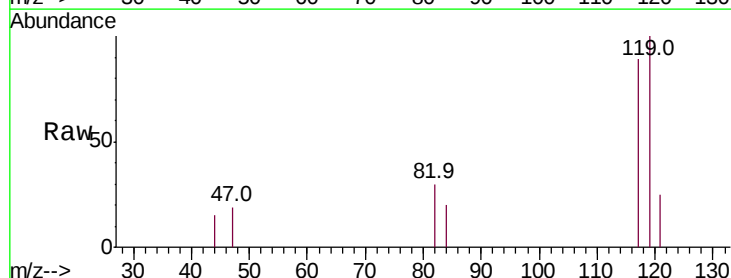


Abundance Ion 83.05 (82.75 to 83.75): VU041092.D (-1155) (-)
Ion 85.00 (84.70 to 85.70): VU041092.D (-1155) (-)

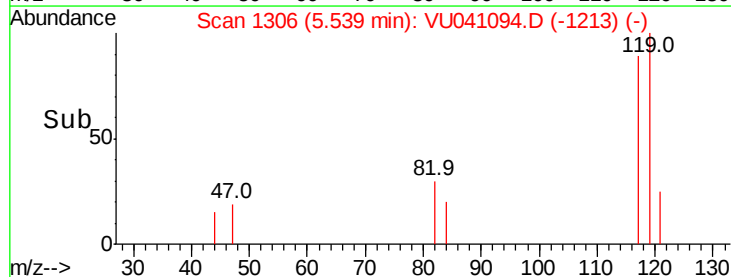
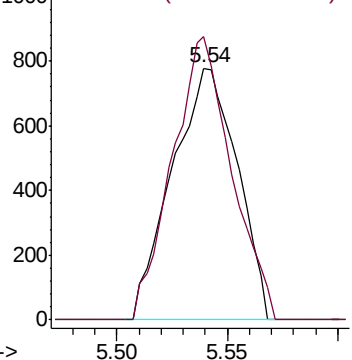


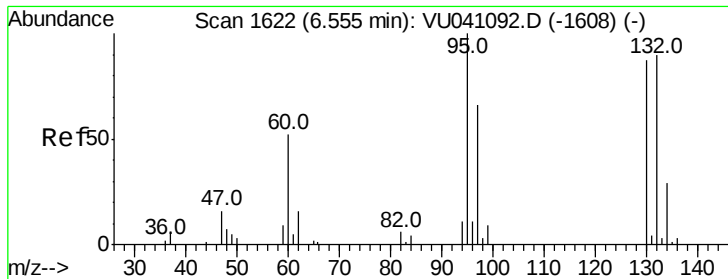
#31
Carbon tetrachloride
Concen: 0.261 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041094.D
Acq: 04 Nov 2020 11:31

Tgt Ion: 117 Resp: 1590
Ion Ratio Lower Upper
117 100
119 102.7 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): VU041092.D (-1291) (-)
Ion 118.90 (118.60 to 119.60): VU041092.D (-1291) (-)





#34

Trichloroethene

Concen: 0.671 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041094.D

Acq: 04 Nov 2020 11:31

Instrument :

MSVOA_U

ClientSampleId :

C0AA2

Tgt Ion: 95 Resp: 2871

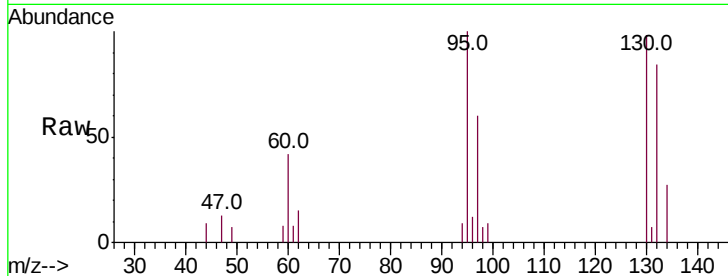
Ion Ratio Lower Upper

95 100

97 59.7 45.6 84.6

132 83.6 64.8 120.4

130 98.0 64.8 120.4

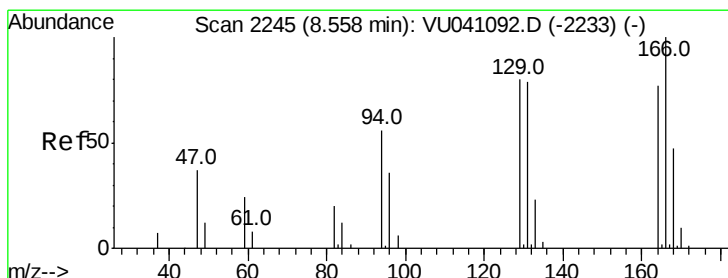
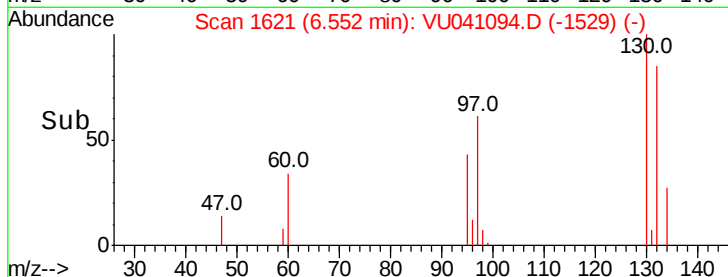
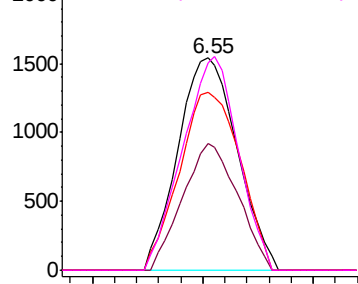


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 19.579 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041094.D

Acq: 04 Nov 2020 11:31

Tgt Ion:164 Resp: 61569

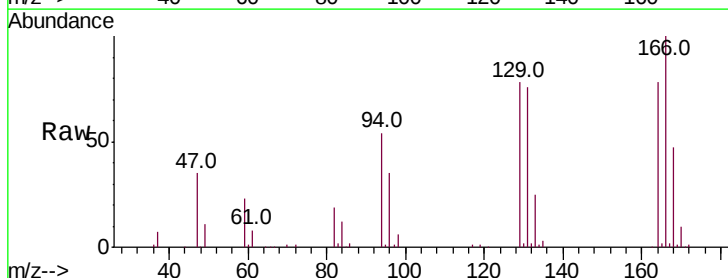
Ion Ratio Lower Upper

164 100

129 100.9 70.3 130.7

131 97.5 70.8 131.4

166 128.6 92.0 170.8



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

