

Data File : VU041095.D
Acq On : 04 Nov 2020 11:54
Operator : SY/MD
Sample : L4575-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA4

Quant Time: Nov 05 01:21:05 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	52405	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15505	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	13033	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.58	63	21991	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	4.65	46	75802	52.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	5.08	84	31835	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.72	65	21342	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.74	84	56093	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.70	67	20590	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.91	98	44869	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	8.19	79	7823	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.64	63	54142	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19759	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	17782	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.15	101	39427	5.894 ug/L	98
13) Acetone	2.66	43	1555	1.569 ug/L #	52
22) cis-1,2-Dichloroethene	4.68	96	2234	0.576 ug/L	92
31) Carbon tetrachloride	5.54	117	876	0.149 ug/L	99
34) Trichloroethene	6.56	95	21684	5.269 ug/L	98
47) Tetrachloroethene	8.56	164	69574	22.991 ug/L	96

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

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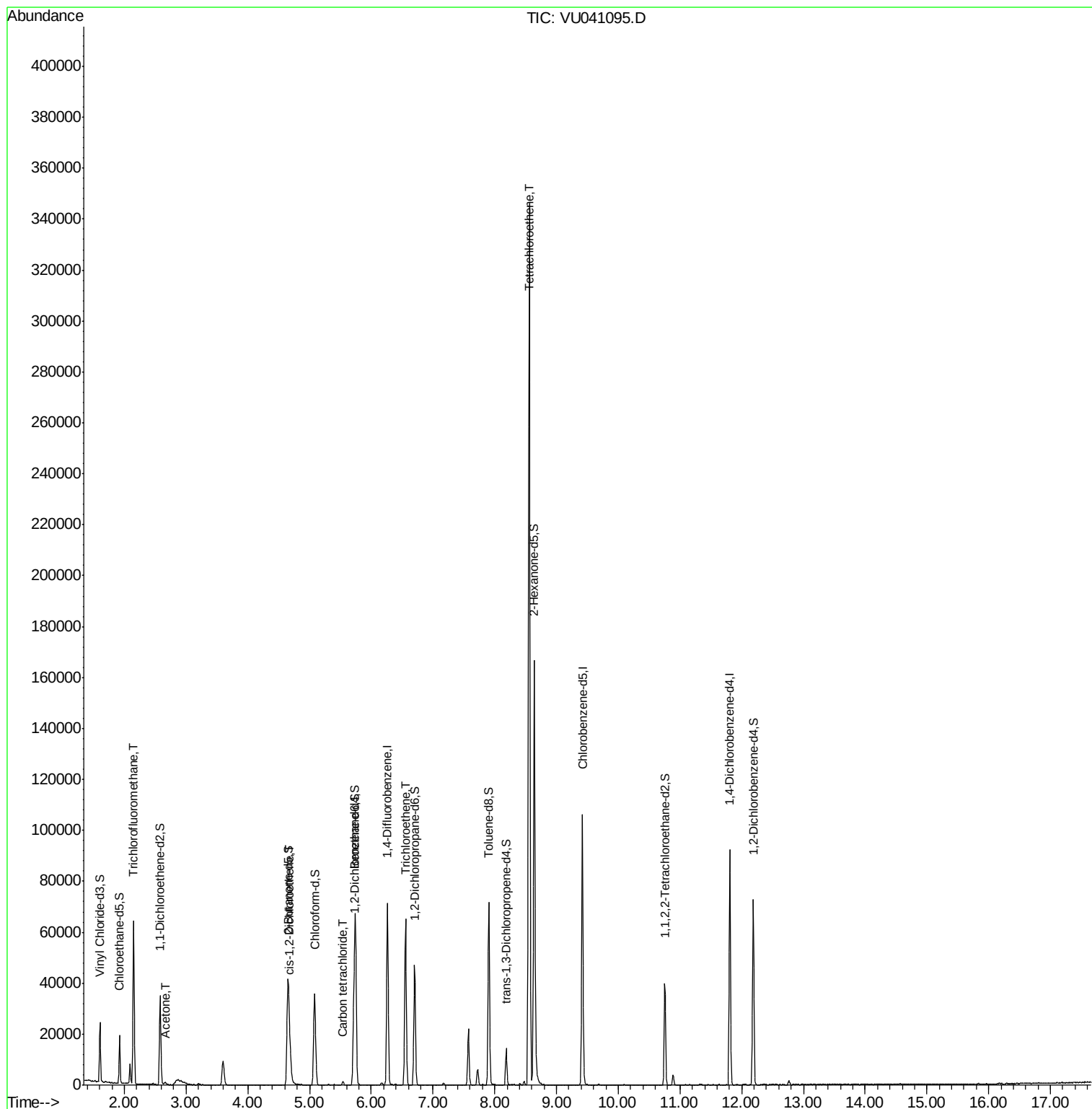
Quant Time: Nov 05 01:21:05 2020

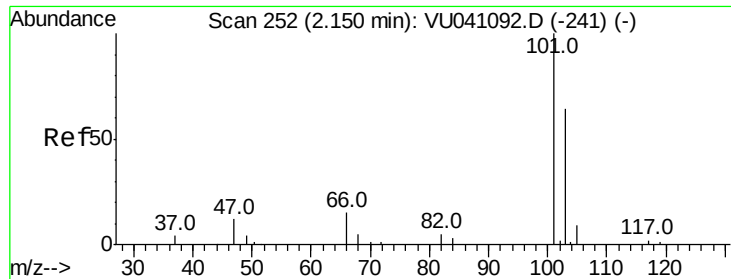
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 05 00:43:32 2020

Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 5.894 ug/L

RT: 2.15 min Scan# 252

Delta R.T. -0.00 min

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Acq: 04 Nov 2020 11:54

Instrument :

MSVOA_U

ClientSampleId :

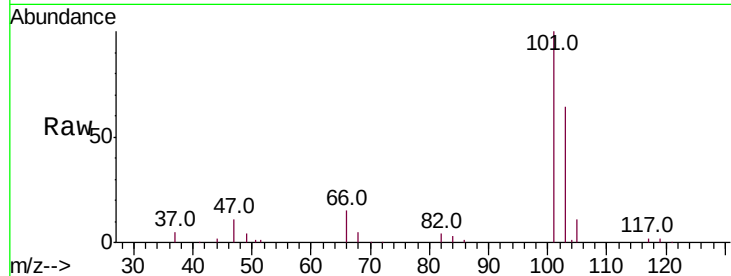
C0AA4

Tgt Ion:101 Resp: 39427

Ion Ratio Lower Upper

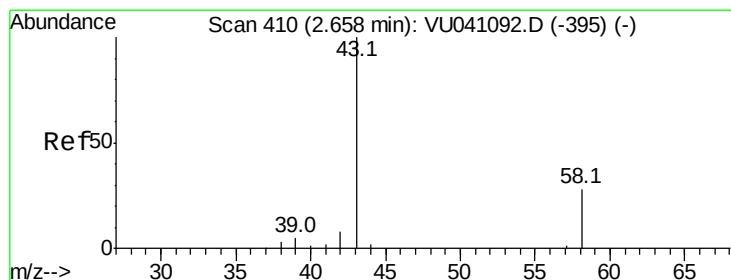
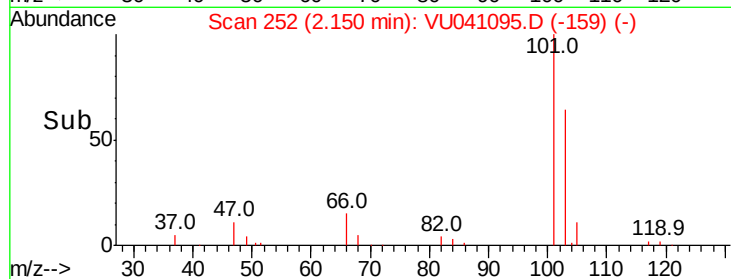
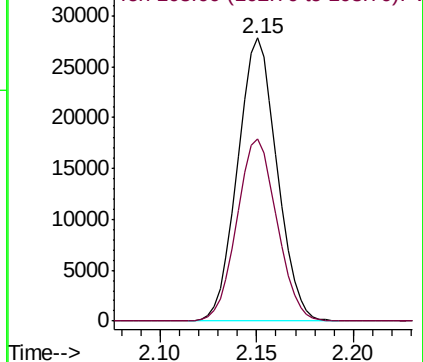
101 100

103 65.2 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.569 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041095.D

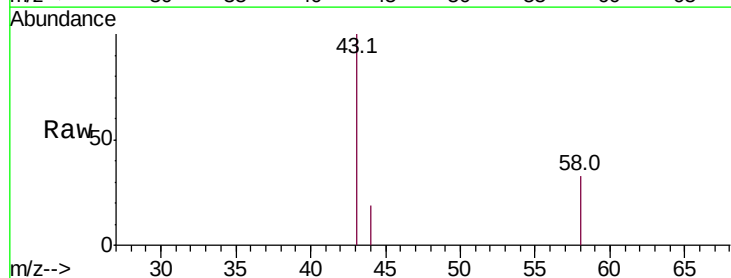
Acq: 04 Nov 2020 11:54

Tgt Ion: 43 Resp: 1555

Ion Ratio Lower Upper

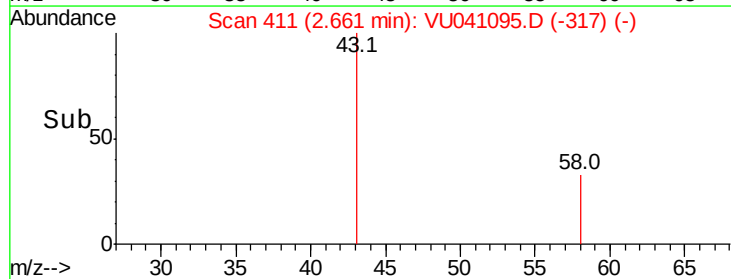
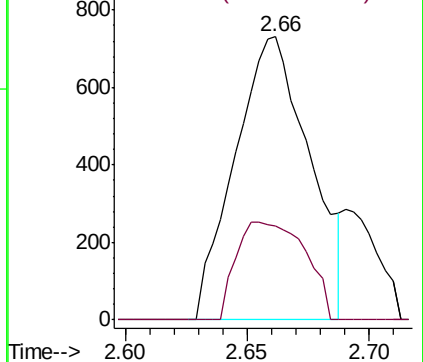
43 100

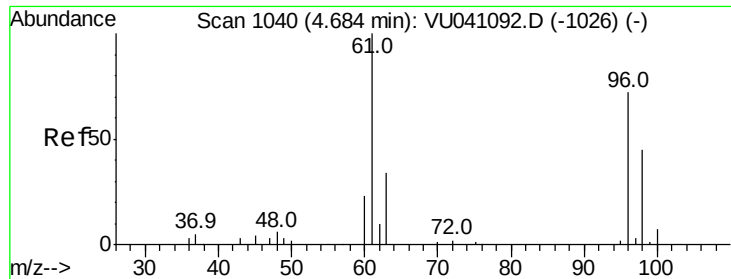
58 31.8 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AA4

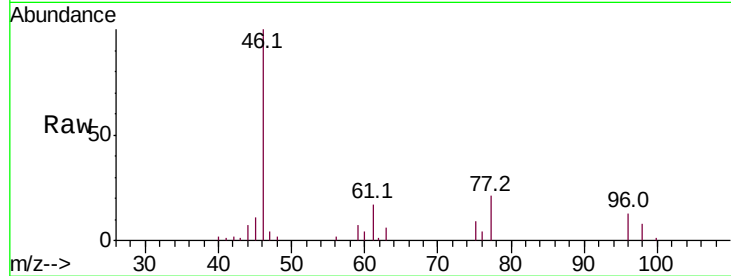
Tgt Ion: 96 Resp: 2234

Ion Ratio Lower Upper

96 100

61 129.5 97.2 180.4

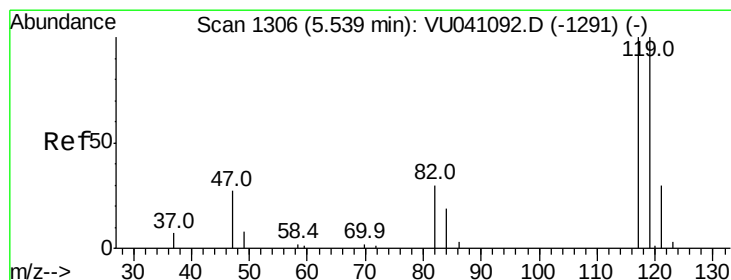
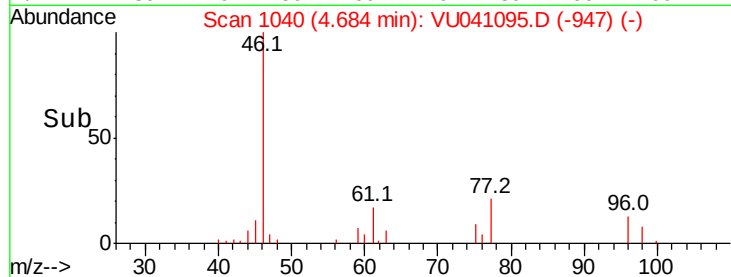
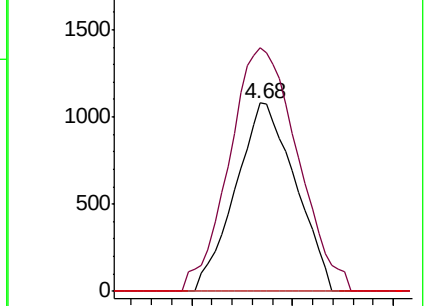
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041095.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU041095.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU041095.D (-1026) (-)



#31

Carbon tetrachloride

Concen: 0.149 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041095.D

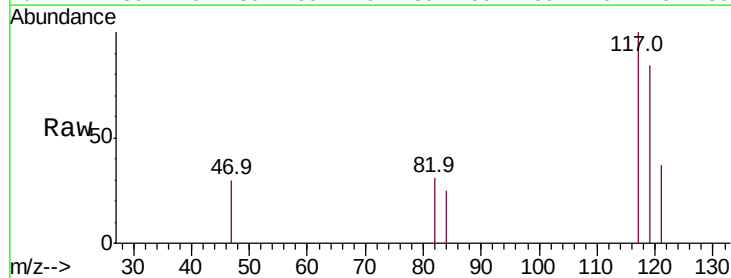
Acq: 04 Nov 2020 11:54

Tgt Ion: 117 Resp: 876

Ion Ratio Lower Upper

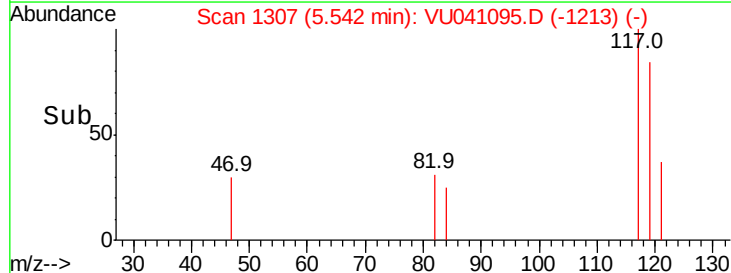
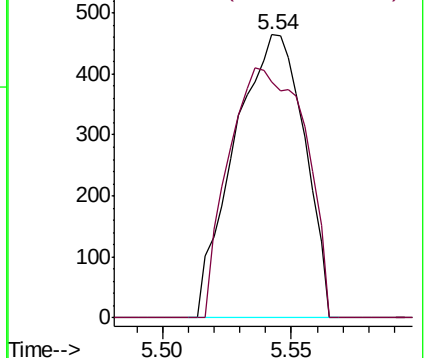
117 100

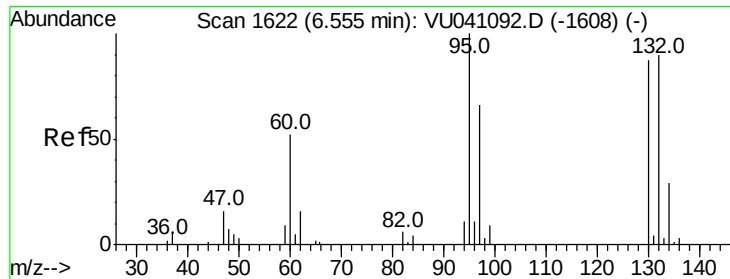
119 96.2 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): VU041095.D (-1291) (-)

Ion 118.90 (118.60 to 119.60): VU041095.D (-1291) (-)





#34

Trichloroethene

Concen: 5.269 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU041095.D

Acq: 04 Nov 2020 11:54

Instrument :

MSVOA_U

ClientSampleId :

C0AA4

Tgt Ion: 95 Resp: 21684

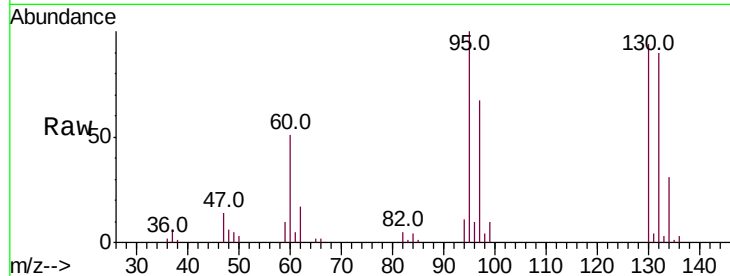
Ion Ratio Lower Upper

95 100

97 67.3 45.6 84.6

132 90.1 64.8 120.4

130 94.1 64.8 120.4

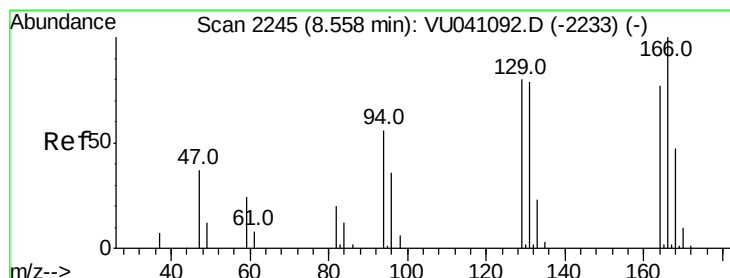
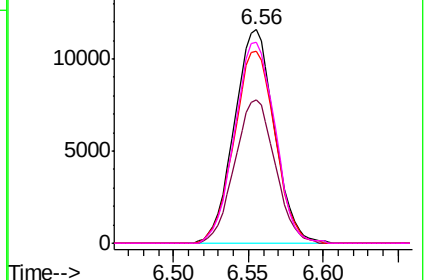
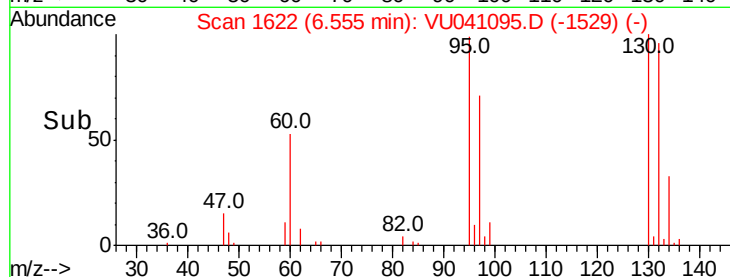


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 22.991 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU041095.D

Acq: 04 Nov 2020 11:54

Tgt Ion:164 Resp: 69574

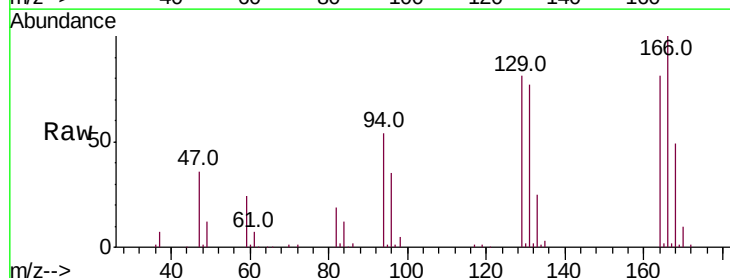
Ion Ratio Lower Upper

164 100

129 99.9 70.3 130.7

131 95.4 70.8 131.4

166 124.0 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

