

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110520\
 Data File : VU041109.D
 Acq On : 05 Nov 2020 17:02
 Operator : SY/MD
 Sample : L4648-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Quant Time: Nov 06 02:11:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 01:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16012	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.92	69	13499	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.58	63	23675	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.65	46	83716	58.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.48%
24) Chloroform-d	5.08	84	37634	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	24061	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	64437	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.70	67	22707	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	48863	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	9255	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	61310	56.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22454	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21714	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

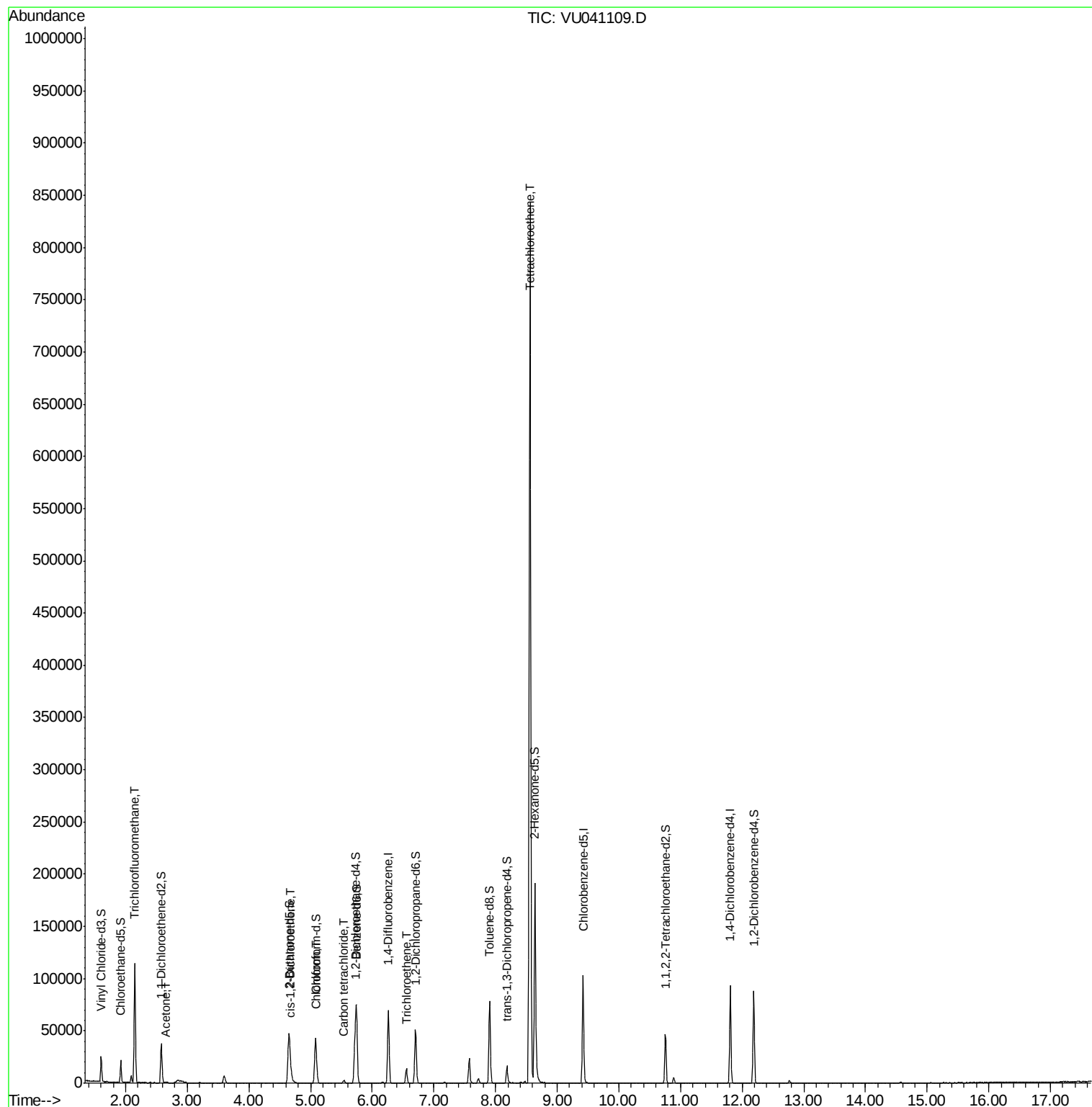
					Ovalue
9) Trichlorofluoromethane	2.15	101	72663	11.050	ug/L 100
13) Acetone	2.66	43	1868	1.917	ug/L 95
22) cis-1,2-Dichloroethene	4.69	96	800	0.210	ug/L 79
25) Chloroform	5.11	83	1836	0.248	ug/L # 74
31) Carbon tetrachloride	5.54	117	1707	0.294	ug/L 91
34) Trichloroethene	6.55	95	4415	1.083	ug/L 96
47) Tetrachloroethene	8.56	164	171240	57.106	ug/L 97

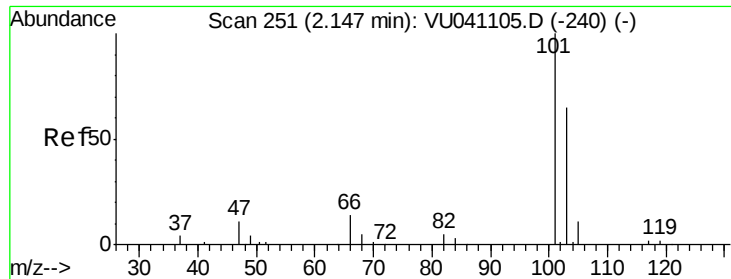
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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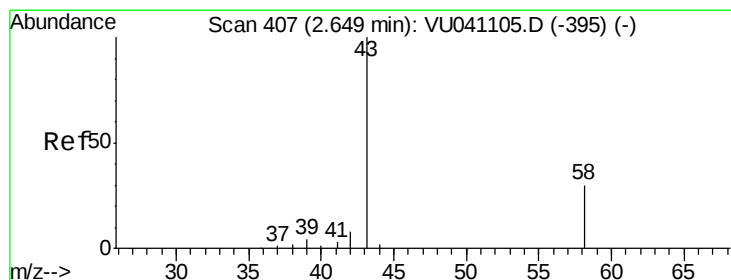
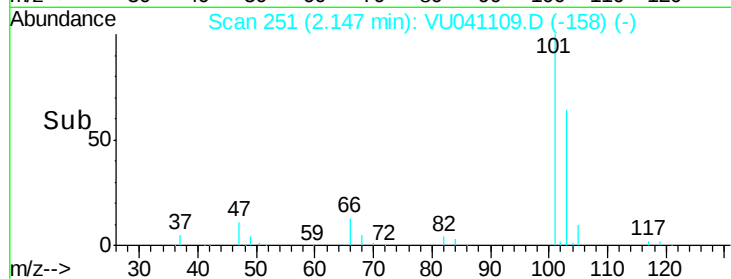
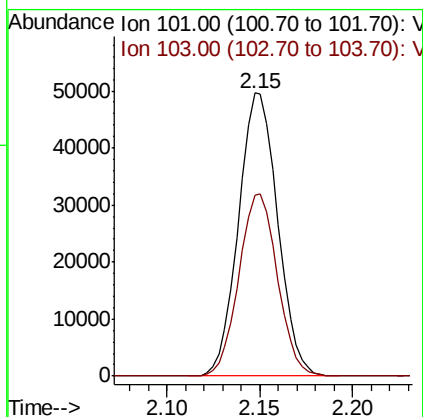
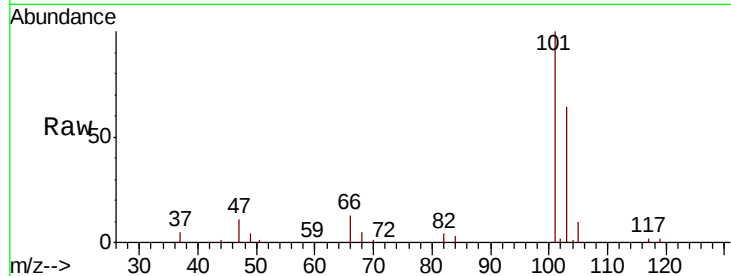


#9

Trichlorofluoromethane
 Concen: 11.050 ug/L
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU041109.D
 Acq: 05 Nov 2020 17:02

Instrument :
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 ClientSampleId :
 C0AA9

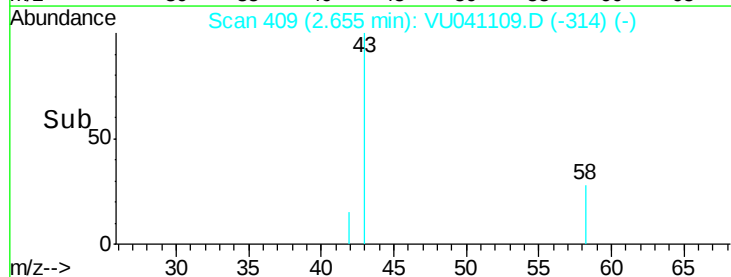
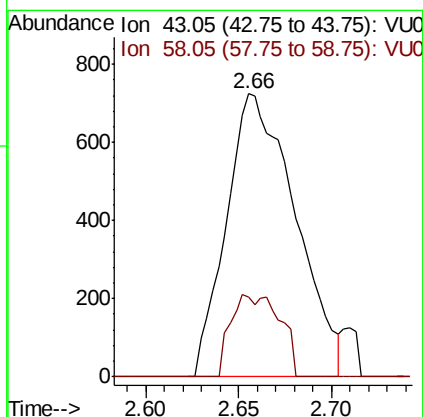
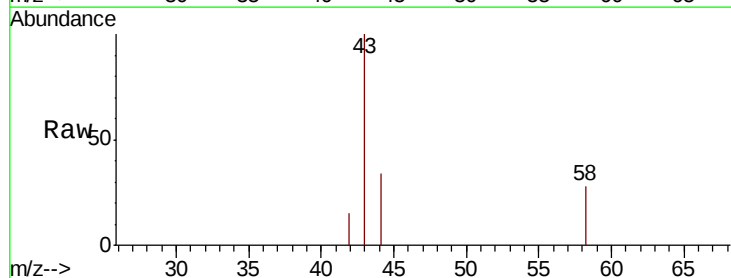
Tot Ion:101 Resp: 72663
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.4

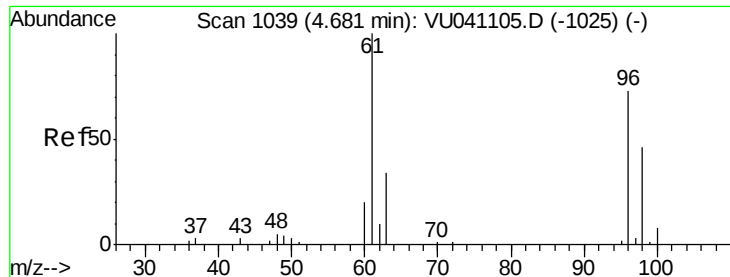


#13

Acetone
 Concen: 1.917 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VU041109.D
 Acq: 05 Nov 2020 17:02

Tgt Ion: 43 Resp: 1868
 Ion Ratio Lower Upper
 43 100
 58 10.5 0.0 25.4

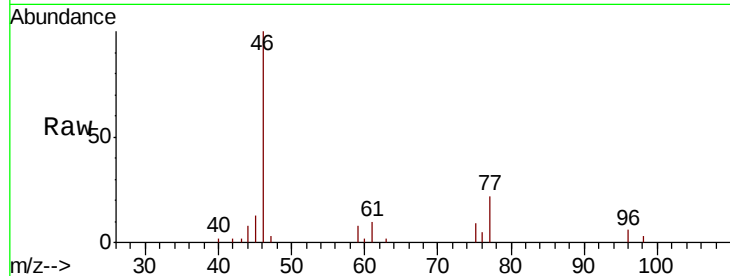




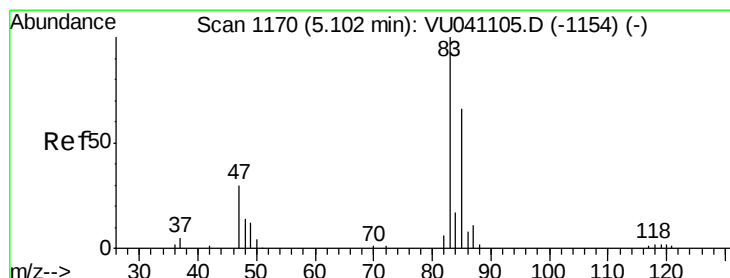
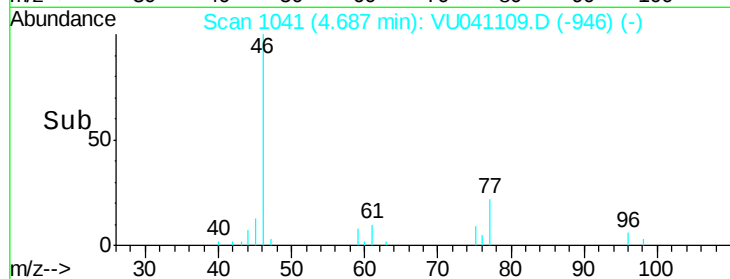
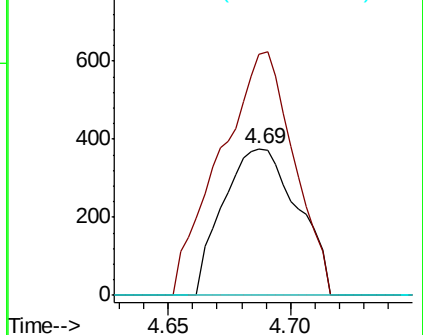
#22
 cis-1,2-Dichloroethene
 Concen: 0.210 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VU041109.D
 Acq: 05 Nov 2020 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Tot Ion: 96 Resp: 800
 Ion Ratio Lower Upper
 96 100
 61 164.8 97.2 180.4
 68 0.0 0.0 0.0

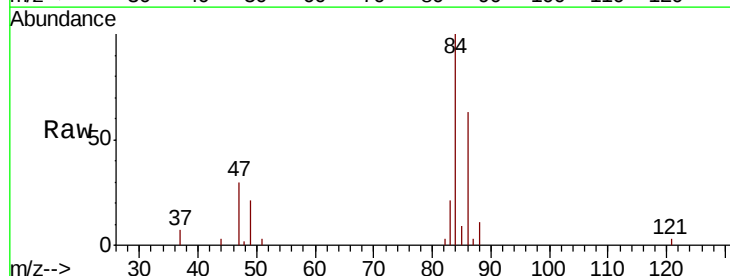


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

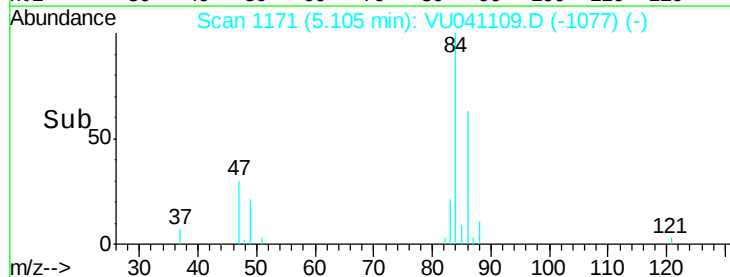
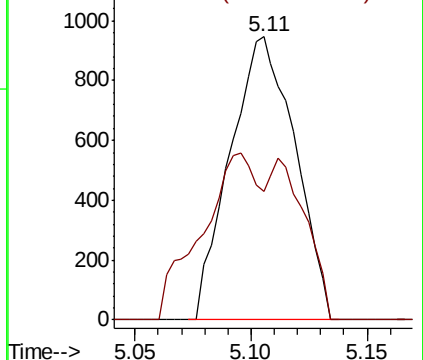


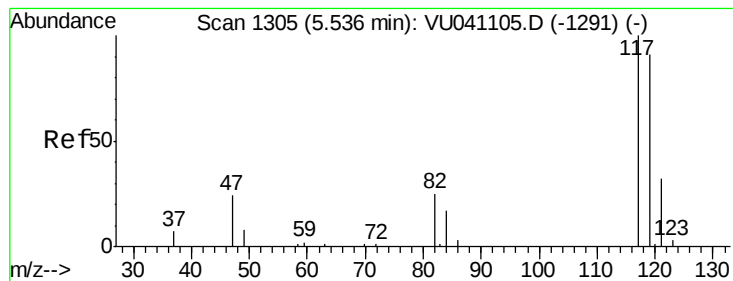
#25
 Chloroform
 Concen: 0.248 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU041109.D
 Acq: 05 Nov 2020 17:02

Tgt Ion: 83 Resp: 1836
 Ion Ratio Lower Upper
 83 100
 85 45.2 46.1 85.7#



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 0.294 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.01 min

Lab File: VU041109.D

Acq: 05 Nov 2020 17:02

Instrument :

MSVOA_U

ClientSampleId :

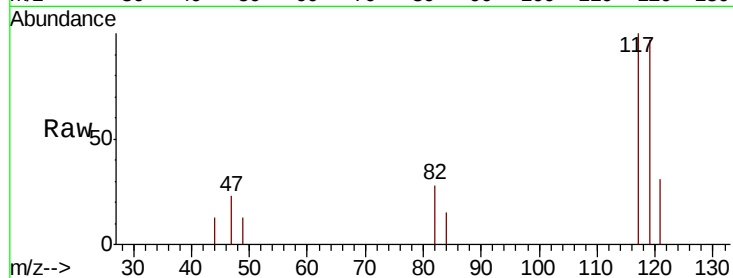
C0AA9

Tot Ion:117 Resp: 1707

Ion Ratio Lower Upper

117 100

119 103.7 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

800

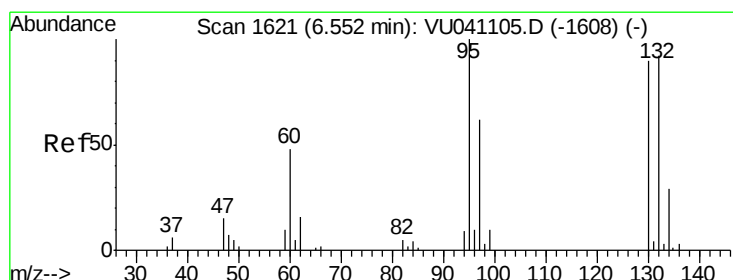
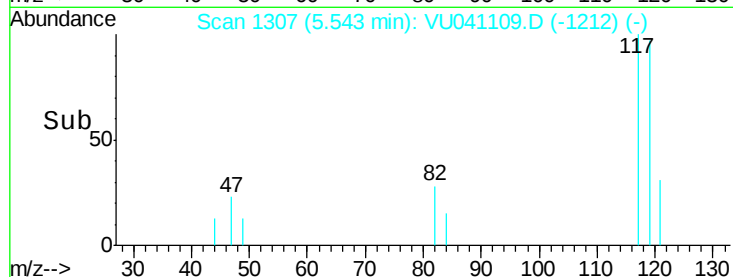
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 1.083 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041109.D

Acq: 05 Nov 2020 17:02

Tgt Ion: 95 Resp: 4415

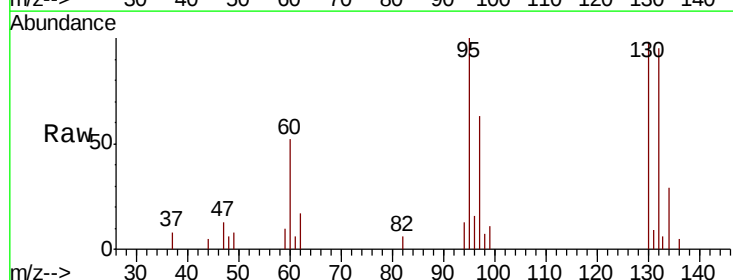
Ion Ratio Lower Upper

95 100

97 62.8 45.6 84.6

132 95.1 64.8 120.4

130 98.1 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): VU0

Ion 129.95 (129.65 to 130.65): VU0

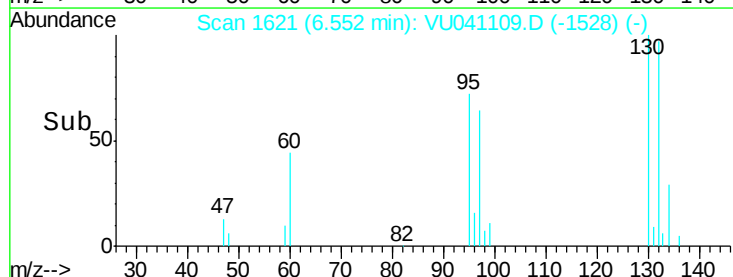
3000

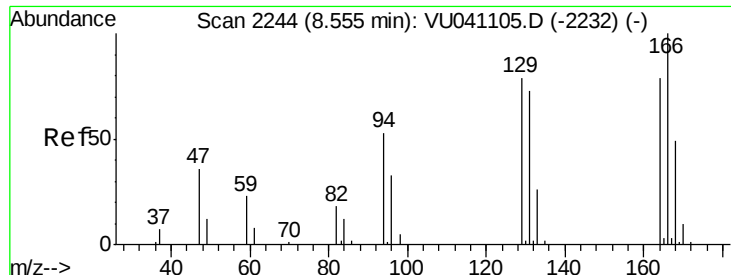
2000

1000

0

Time-->





#47

Tetrachloroethene

Concen: 57.106 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041109.D

Acq: 05 Nov 2020 17:02

Instrument :

MSVOA_U

ClientSampleId :

C0AA9

Tot Ion:164 Resp: 171240

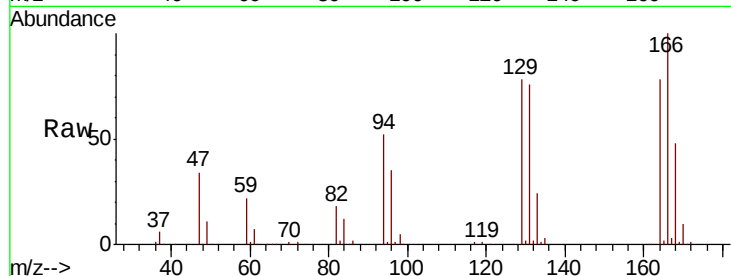
Ion Ratio Lower Upper

164 100

129 99.3 70.3 130.7

131 96.7 70.8 131.4

166 127.6 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

200000 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

