

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041906.D
 Acq On : 08 Jan 2021 15:36
 Operator : SY/MD
 Sample : M1049-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5

Quant Time: Jan 09 02:44:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128377	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57829	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35940	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.92	69	39705	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	56238	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.66	46	159236	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.08	84	93021	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.72	65	48298	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	162677	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	51953	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.90	98	136606	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	19359	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	123633	43.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49301	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	55606	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

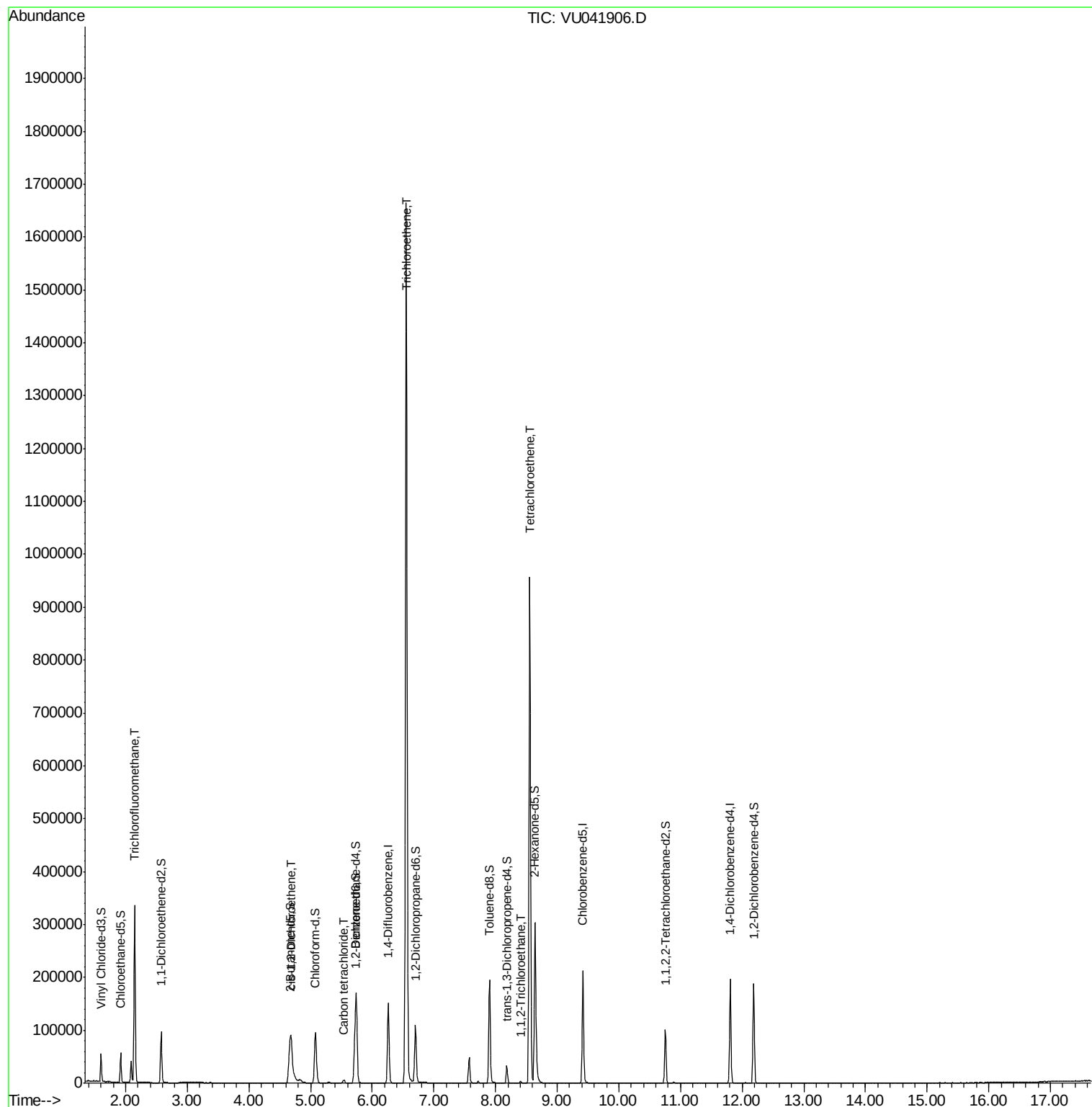
					Qvalue
9) Trichlorofluoromethane	2.15	101	217562	14.805 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	24200	2.443 ug/L	88
31) Carbon tetrachloride	5.54	117	4638	0.364 ug/L	89
34) Trichloroethene	6.55	95	573511	55.589 ug/L	93
45) 1,1,2-Trichloroethane	8.40	97	1243	0.160 ug/L #	87
47) Tetrachloroethene	8.56	164	223322	30.921 ug/L	97

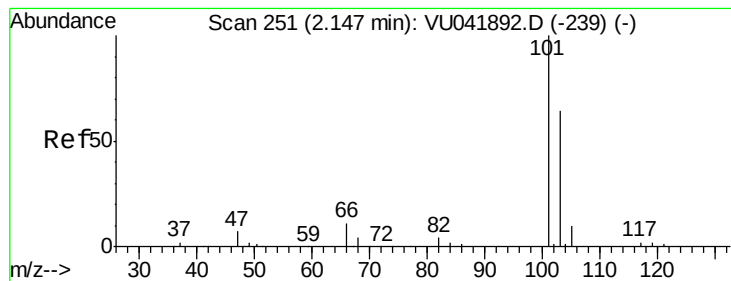
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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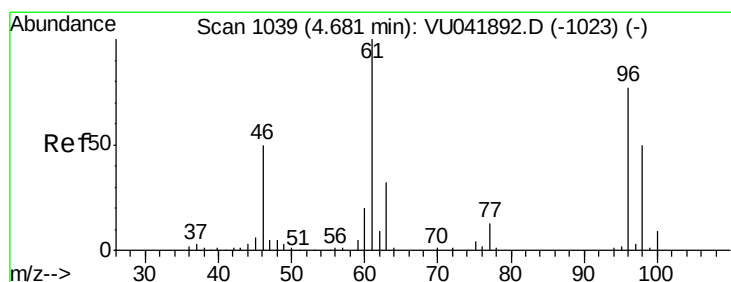
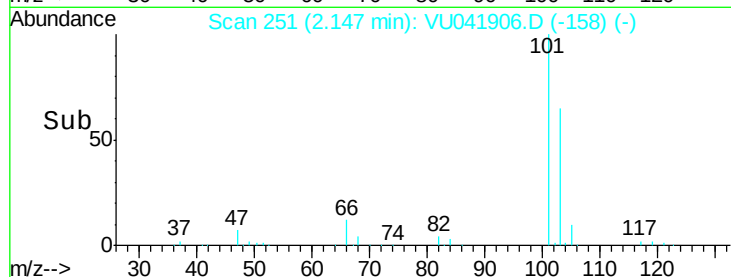
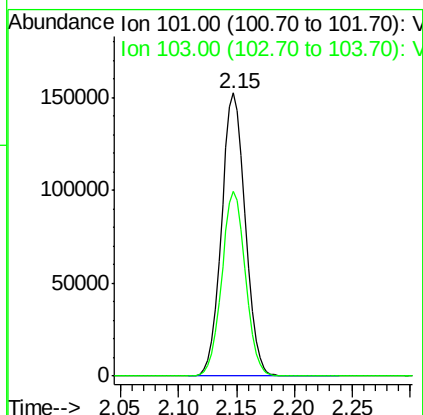
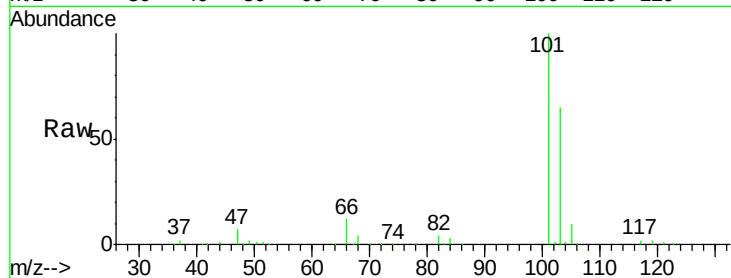


#9

Trichlorofluoromethane
Concen: 14.805 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041906.D
Acq: 08 Jan 2021 15:36

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5

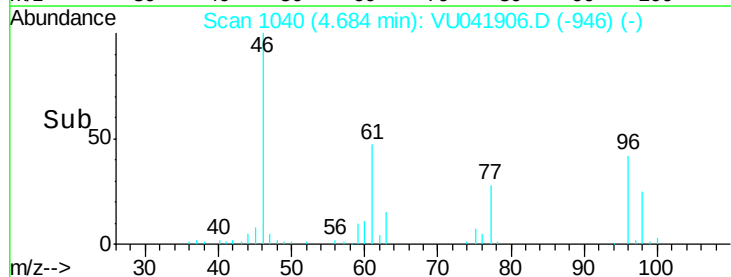
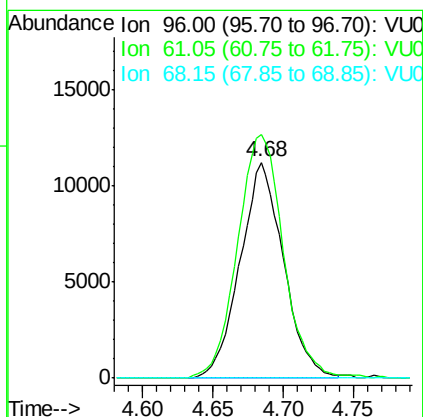
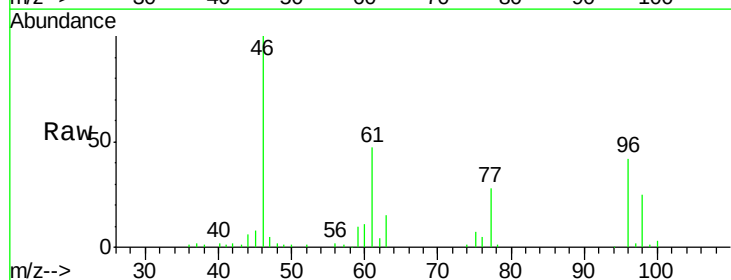
Tgt Ion: 101 Resp: 217562
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

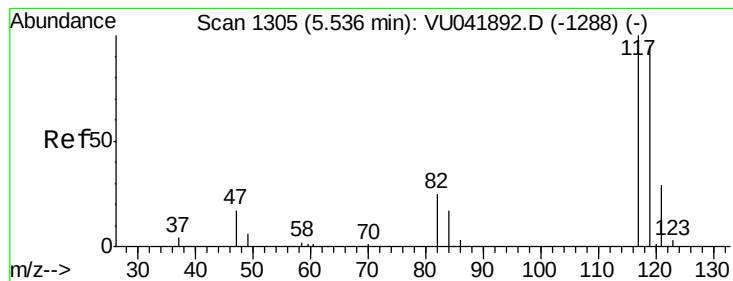


#22

cis-1,2-Dichloroethene
Concen: 2.443 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041906.D
Acq: 08 Jan 2021 15:36

Tgt Ion: 96 Resp: 24200
Ion Ratio Lower Upper
96 100
61 112.7 88.8 165.0
68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 0.364 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU041906.D

Acq: 08 Jan 2021 15:36

Instrument :

MSVOA_U

ClientSampleId :

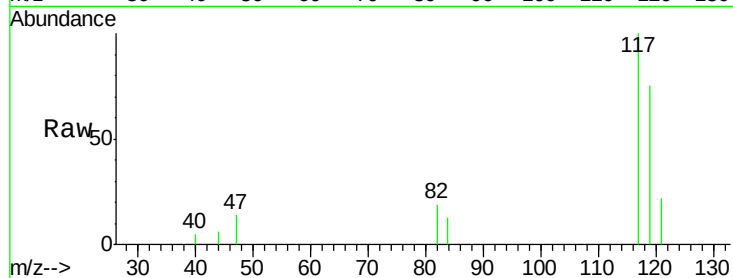
C0AQ5

Tgt Ion: 117 Resp: 4638

Ion Ratio Lower Upper

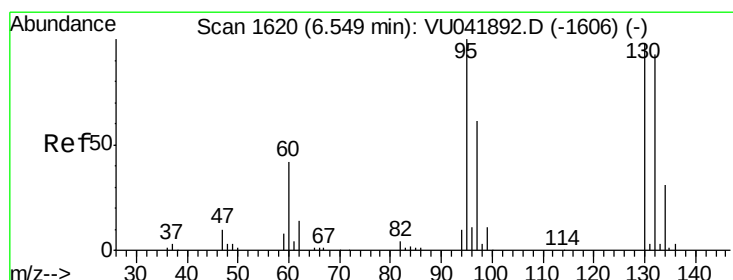
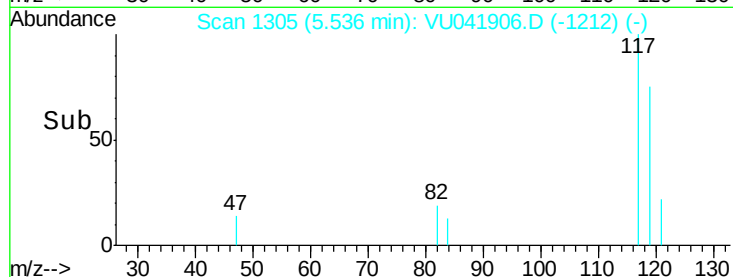
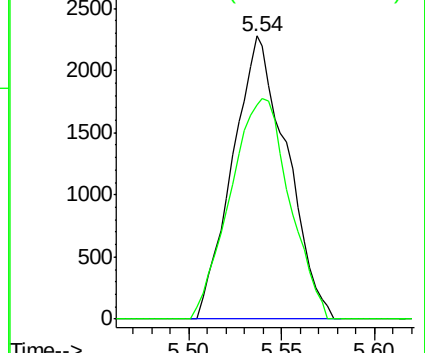
117 100

119 84.9 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 55.589 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041906.D

Acq: 08 Jan 2021 15:36

Tgt Ion: 95 Resp: 573511

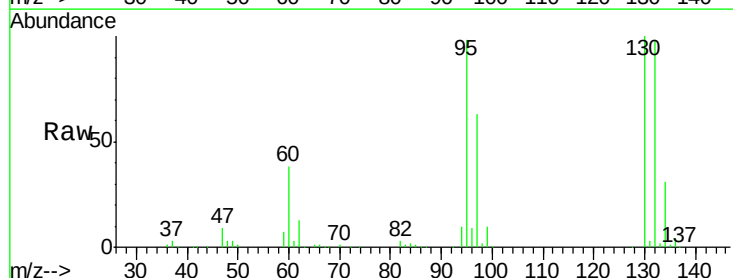
Ion Ratio Lower Upper

95 100

97 64.3 43.9 81.5

132 100.3 63.1 117.3

130 102.5 67.4 125.2

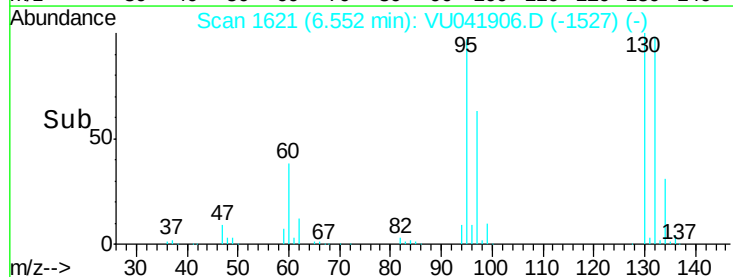
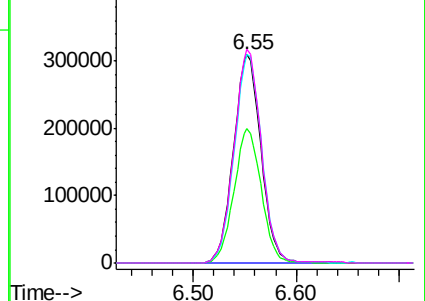


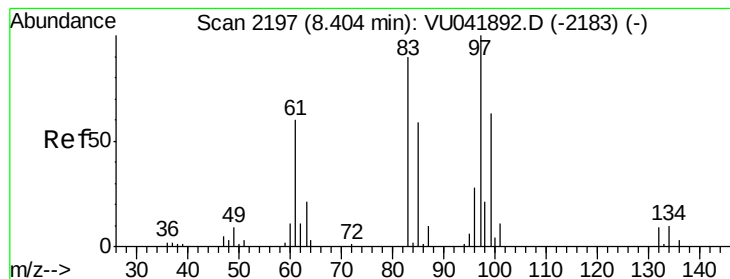
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#45

1,1,2-Trichloroethane

Concen: 0.160 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VU041906.D

Acq: 08 Jan 2021 15:36

Instrument :

MSVOA_U

ClientSampleId :

C0AQ5

Tgt Ion: 97 Resp: 1243

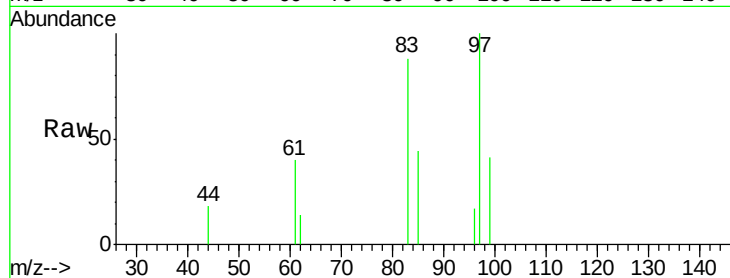
Ion Ratio Lower Upper

97 100

99 41.0 42.1 78.3#

83 87.6 62.6 116.2

85 43.8 39.1 72.7

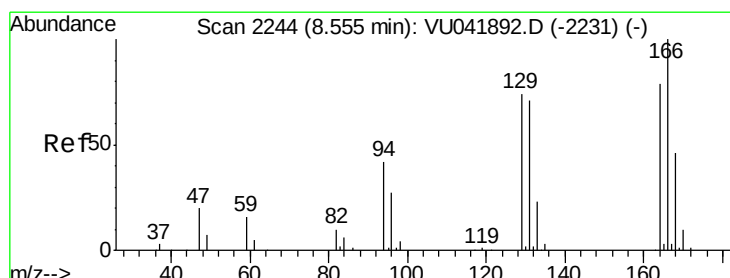
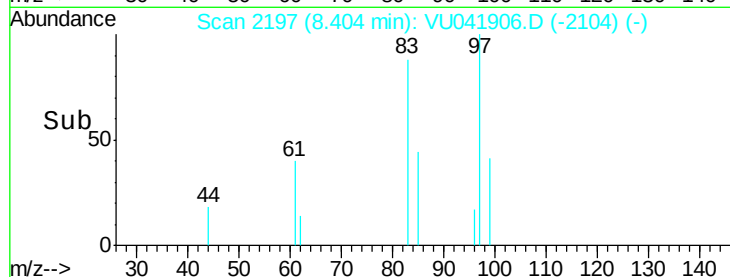
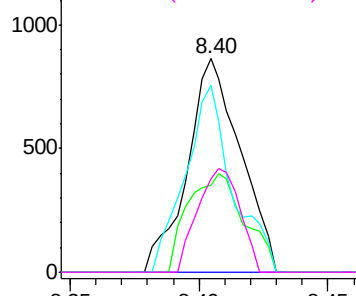


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 30.921 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041906.D

Acq: 08 Jan 2021 15:36

Tgt Ion: 164 Resp: 223322

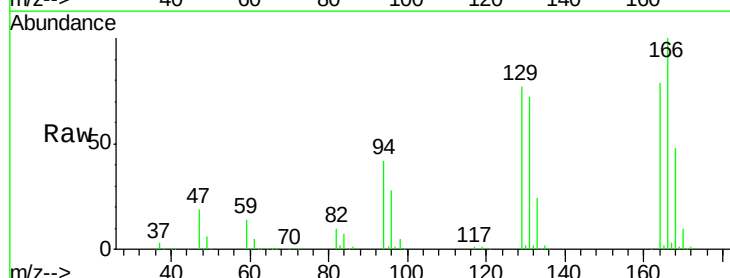
Ion Ratio Lower Upper

164 100

129 97.9 72.2 134.0

131 91.4 66.9 124.3

166 126.3 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

