

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037891.D
 Acq On : 28 Apr 2020 20:52
 Operator : JC/MD
 Sample : L2395-04 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 29 04:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	600837	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	588102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	269017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206888	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.82%
7) Chloroethane-d5	1.93	69	191733	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.59	63	294443	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	4.66	46	435779	104.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.10	84	396873	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
26) 1,2-Dichloroethane-d4	5.74	65	283327	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
32) Benzene-d6	5.76	84	839980	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
36) 1,2-Dichloropropane-d6	6.72	67	283948	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.92	98	765007	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%
43) trans-1,3-Dichloropropene-	8.20	79	123438	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
47) 2-Hexanone-d5	8.65	63	329315	108.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.75%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411571	53.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.36%
64) 1,2-Dichlorobenzene-d4	12.20	152	281167	53.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.42%

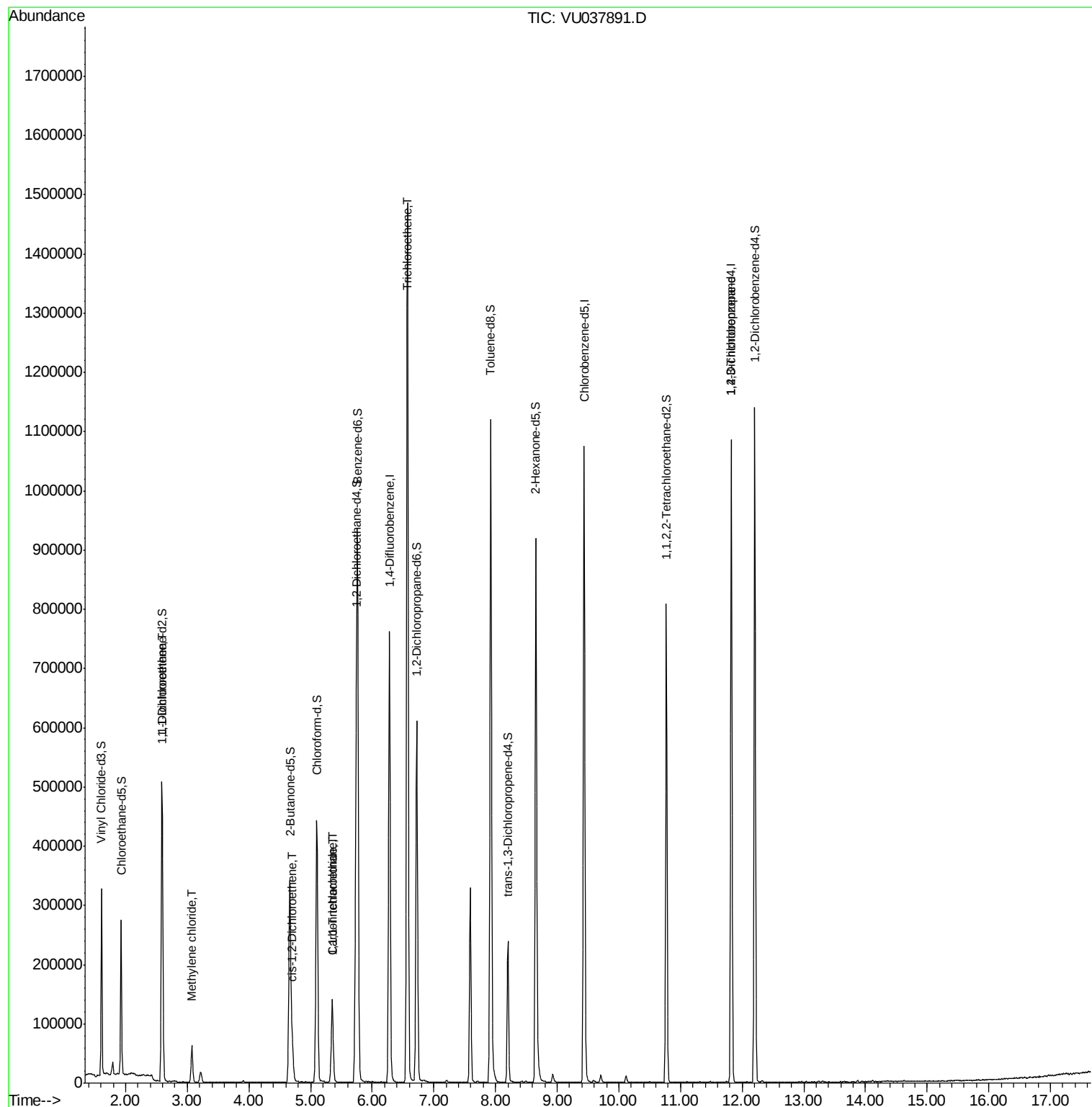
Target Compounds

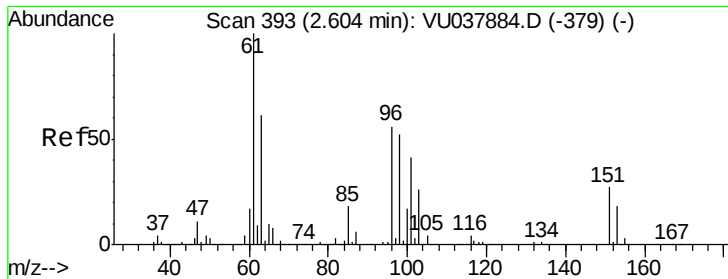
					Ovalue
12) 1,1-Dichloroethene	2.60	96	30597	8.388 ug/L	# 1
16) Methylene chloride	3.08	84	27413	6.324 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	26309	5.891 ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	98849	15.051 ug/L	100
31) Carbon tetrachloride	5.36	117	12729	2.397 ug/L	92
34) Trichloroethene	6.57	95	506520	115.685 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	37262	5.690 ug/L	92

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

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#12

1,1-Dichloroethene

Concen: 8.388 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

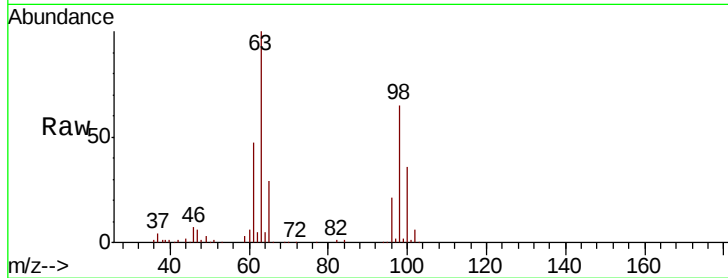
Tot Ion: 96 Resp: 30597

Ion Ratio Lower Upper

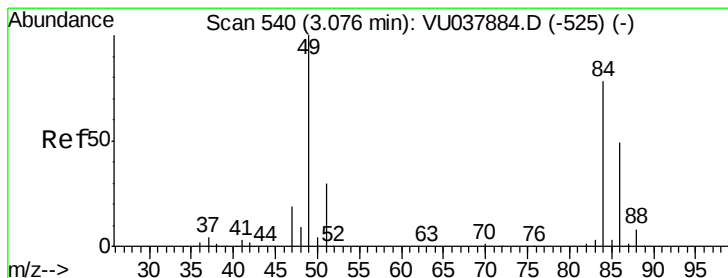
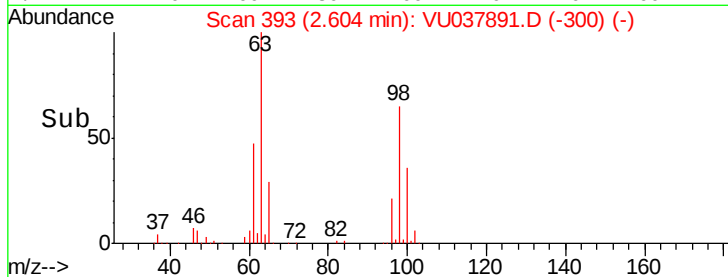
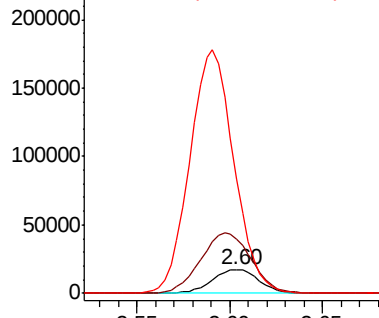
96 100

61 224.6 134.1 249.0

63 474.9 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 6.324 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

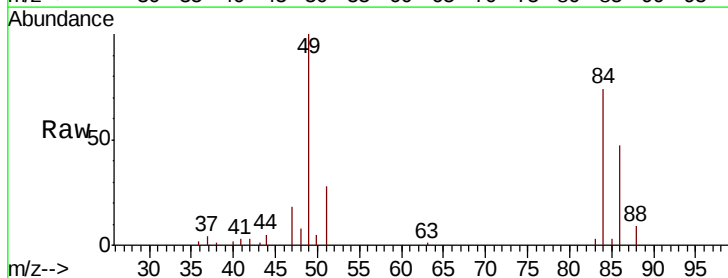
Tgt Ion: 84 Resp: 27413

Ion Ratio Lower Upper

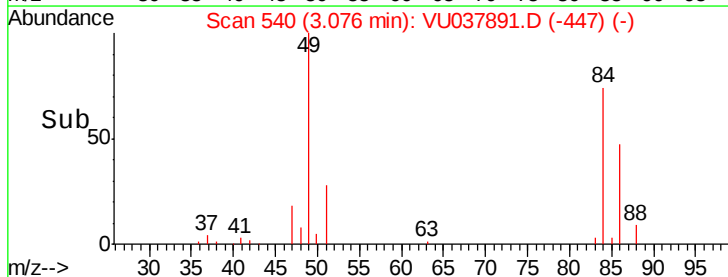
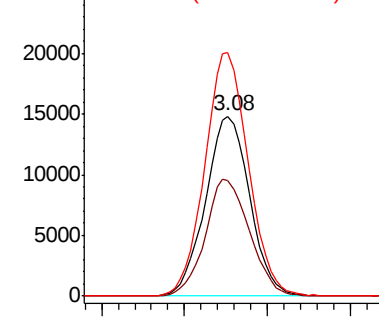
84 100

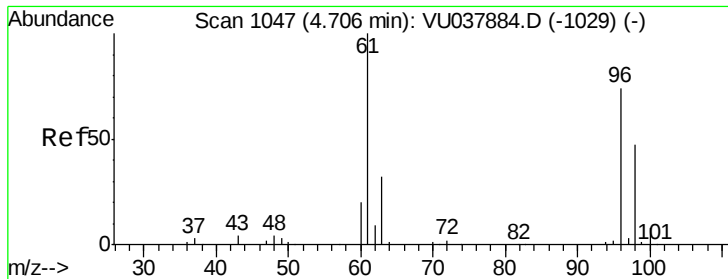
86 63.9 43.5 80.7

49 135.2 95.1 176.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 5.891 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

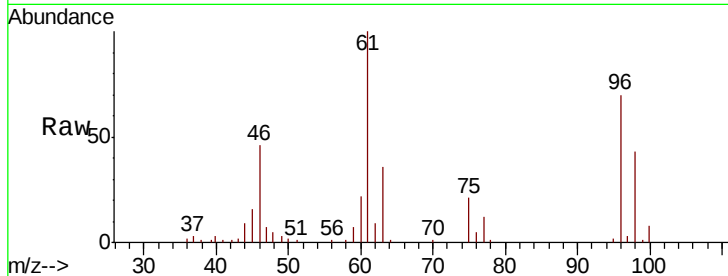
Tot Ion: 96 Resp: 26309

Ion Ratio Lower Upper

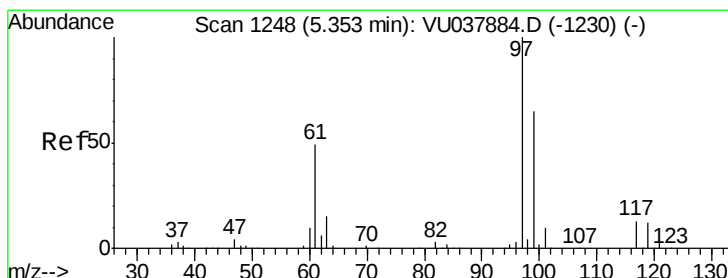
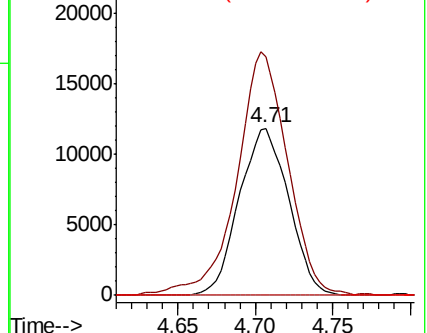
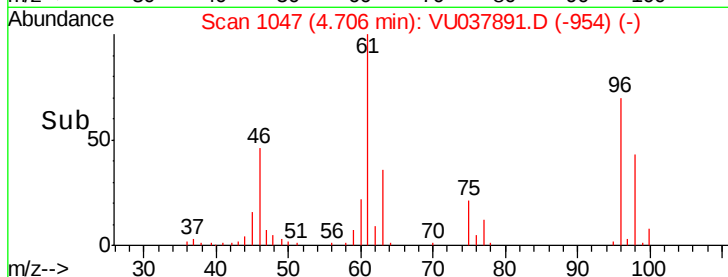
96 100

61 142.7 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037891.D (-954) (-)



#30

1,1,1-Trichloroethane

Concen: 15.051 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

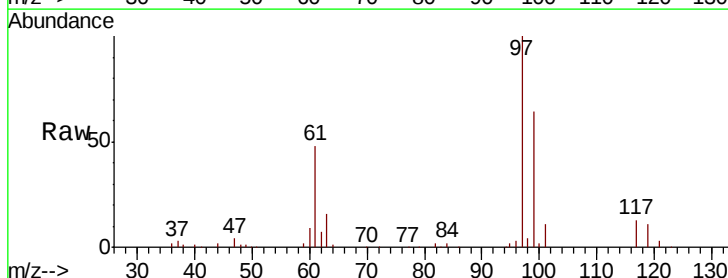
Tgt Ion: 97 Resp: 98849

Ion Ratio Lower Upper

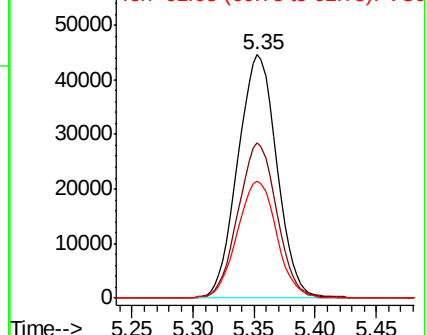
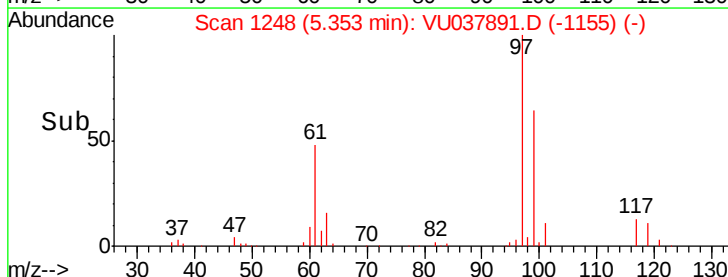
97 100

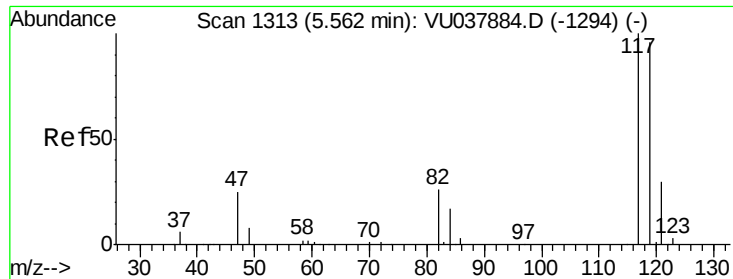
99 63.7 50.7 76.1

61 48.5 38.9 58.3



Abundance Ion 97.00 (96.70 to 97.70): VU037891.D (-1155) (-)





#31

Carbon tetrachloride

Concen: 2.397 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.21 min

Lab File: VU037891.D

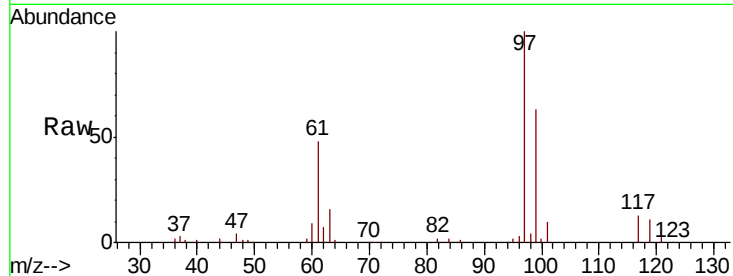
Acq: 28 Apr 2020 20:52

Tot Ion:117 Resp: 12729

Ion Ratio Lower Upper

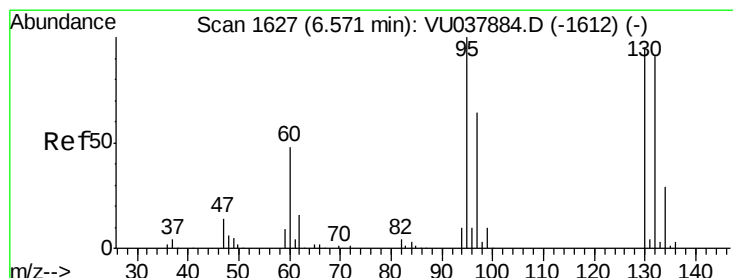
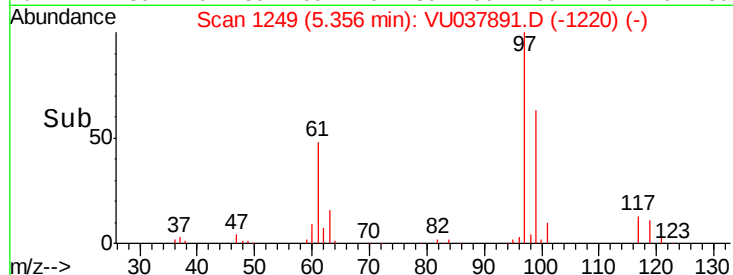
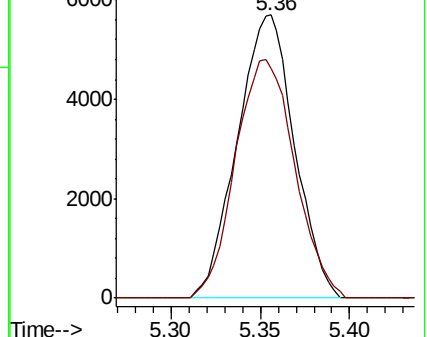
117 100

119 87.6 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Trichloroethene

Concen: 115.685 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

Tgt Ion: 95 Resp: 506520

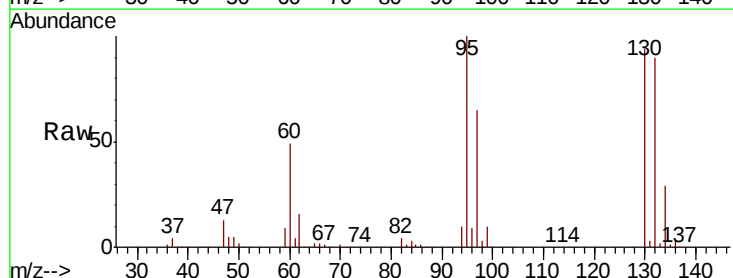
Ion Ratio Lower Upper

95 100

97 65.5 44.4 82.5

132 90.0 65.0 120.6

130 94.2 65.5 121.7

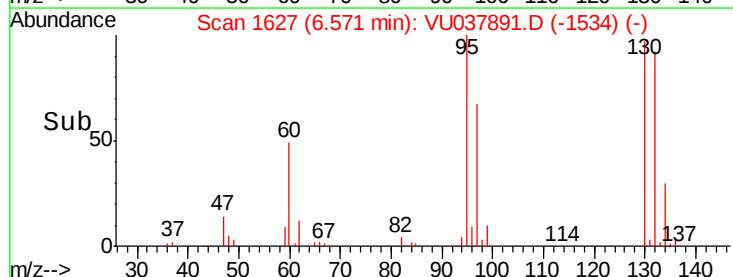
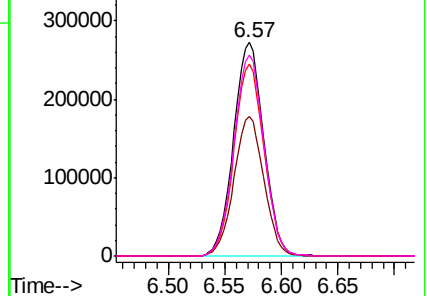


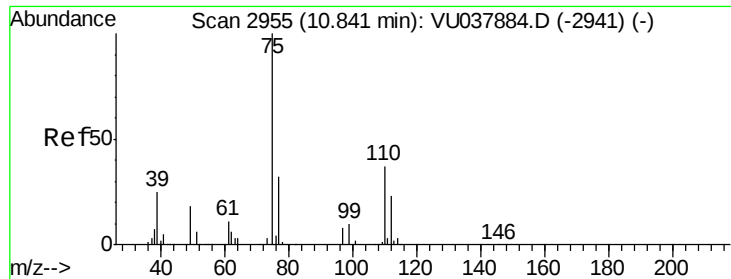
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#59

1,2,3-Trichloropropane

Concen: 5.690 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037891.D

Acq: 28 Apr 2020 20:52

Tot Ion: 75 Resp: 37262

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6

