

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037890.D
 Acq On : 28 Apr 2020 20:29
 Operator : JC/MD
 Sample : L2395-03 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 29 04:18:39 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	660088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	642697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	292906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	218624	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.93	69	198698	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.90%
11) 1,1-Dichloroethene-d2	2.59	63	304146	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.66	46	436962	95.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.62%
24) Chloroform-d	5.10	84	403118	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.74	65	286083	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.76	84	868029	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.72	67	293577	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.92	98	799145	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%
43) trans-1,3-Dichloropropene-	8.20	79	127880	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.74%
47) 2-Hexanone-d5	8.65	63	334722	101.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	414571	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	12.20	152	286941	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%

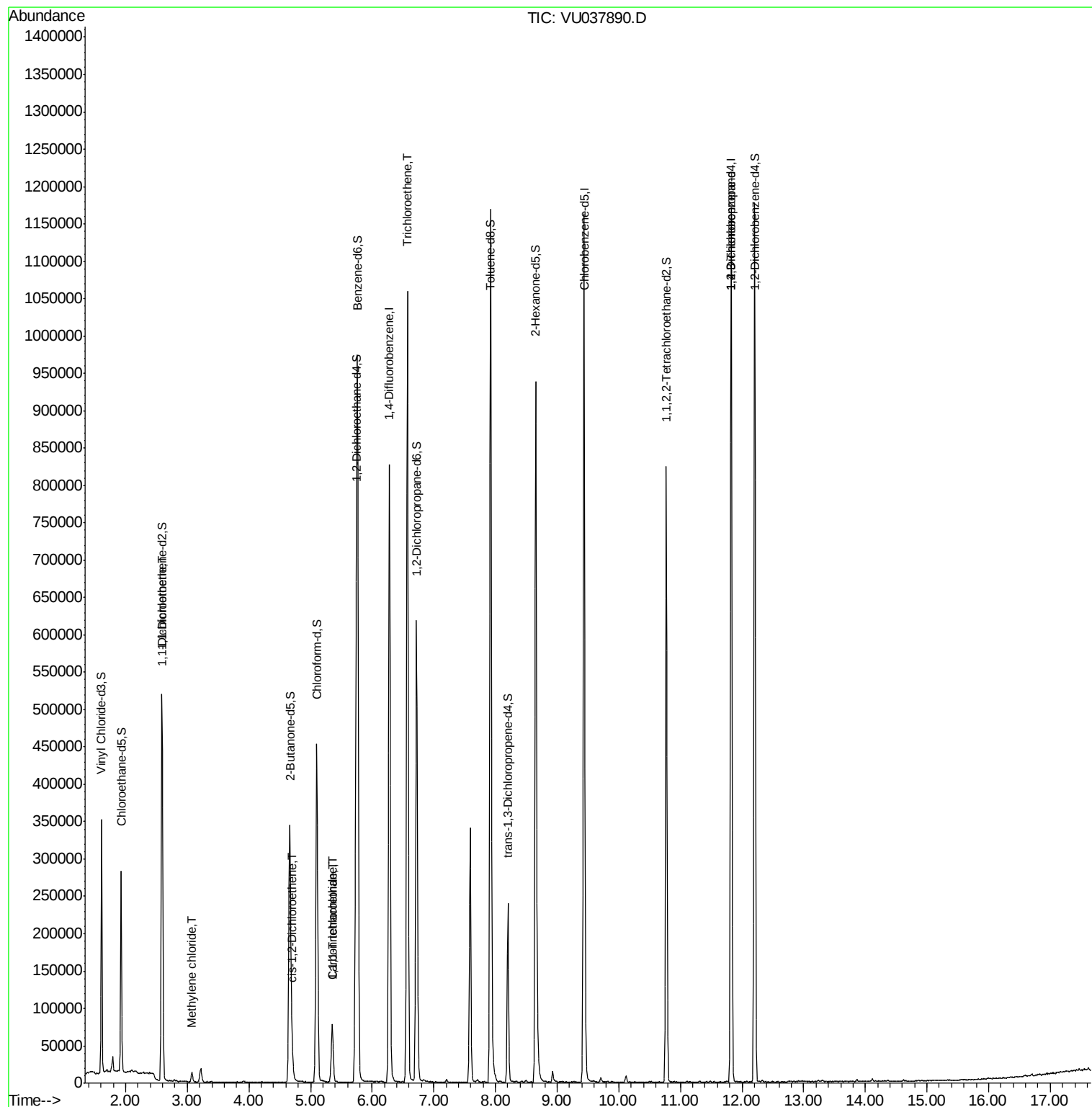
Target Compounds

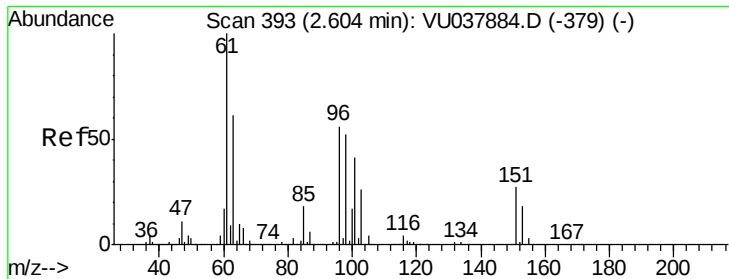
					Ovalue
12) 1,1-Dichloroethene	2.60	96	23477	5.858 ug/L	# 1
16) Methylene chloride	3.08	84	5668	1.190 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	12286	2.504 ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	54349	7.572 ug/L	97
31) Carbon tetrachloride	5.36	117	6775	1.168 ug/L	98
34) Trichloroethene	6.57	95	359728	75.180 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	40609	5.674 ug/L	91

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

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#12

1,1-Dichloroethene

Concen: 5.858 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

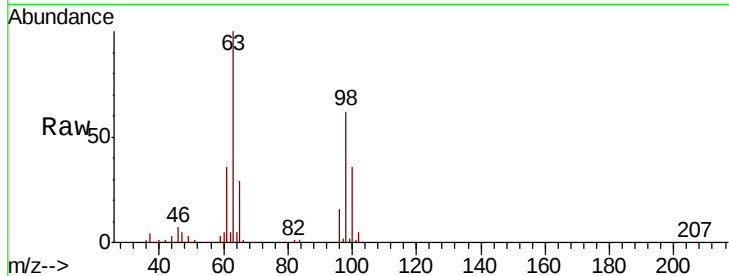
Tot Ion: 96 Resp: 23477

Ion Ratio Lower Upper

96 100

61 216.0 134.1 249.0

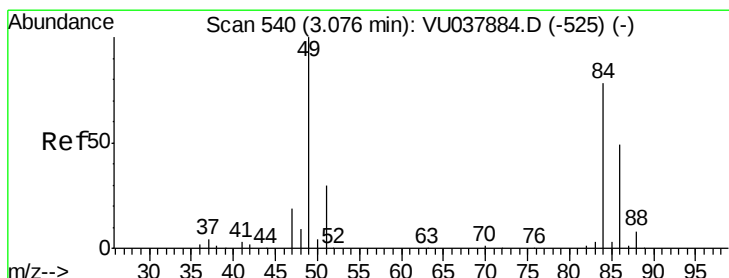
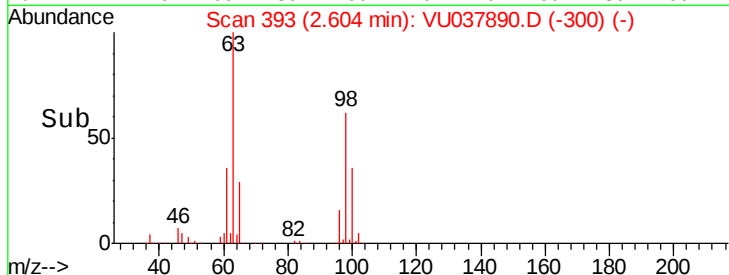
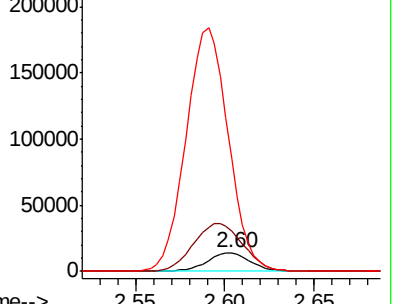
63 607.0 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037884.D (-379) (-)

Ion 61.00 (60.70 to 61.70): VU037884.D (-379) (-)

Ion 63.00 (62.70 to 63.70): VU037884.D (-379) (-)



#16

Methylene chloride

Concen: 1.190 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

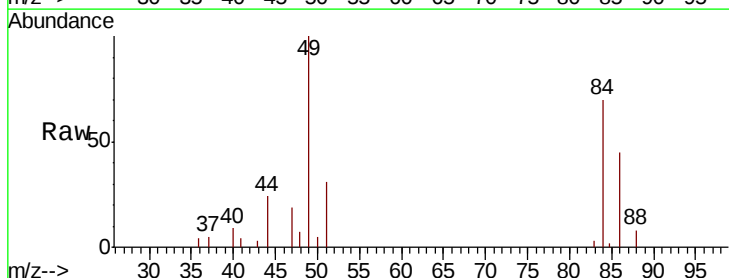
Tgt Ion: 84 Resp: 5668

Ion Ratio Lower Upper

84 100

86 64.1 43.5 80.7

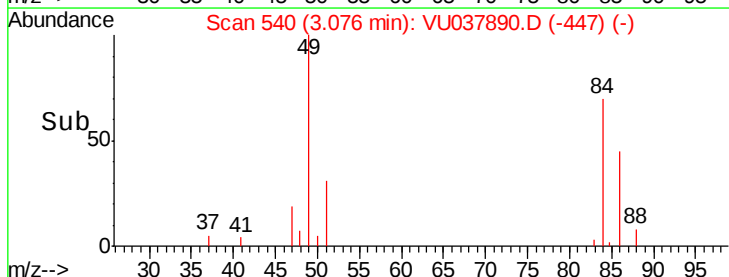
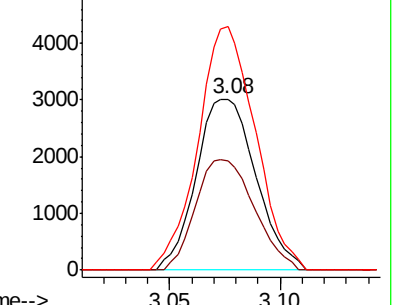
49 142.2 95.1 176.7

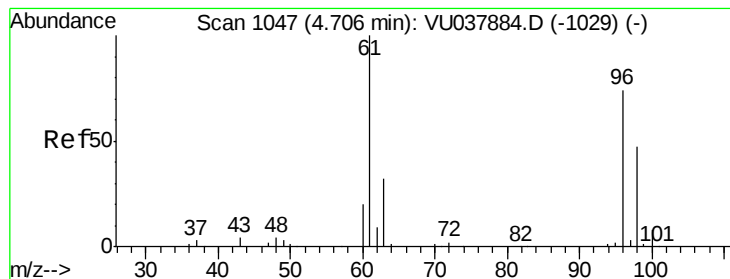


Abundance Ion 84.00 (83.70 to 84.70): VU037884.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU037884.D (-525) (-)

Ion 49.00 (48.70 to 49.70): VU037884.D (-525) (-)





#20

cis-1,2-Dichloroethene

Concen: 2.504 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

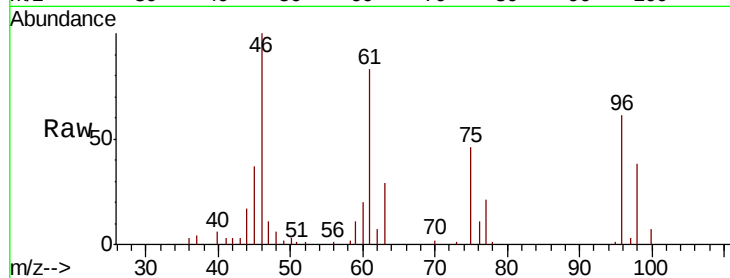
Tot Ion: 96 Resp: 12286

Ion Ratio Lower Upper

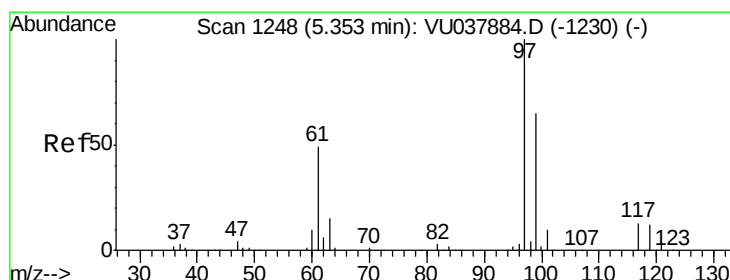
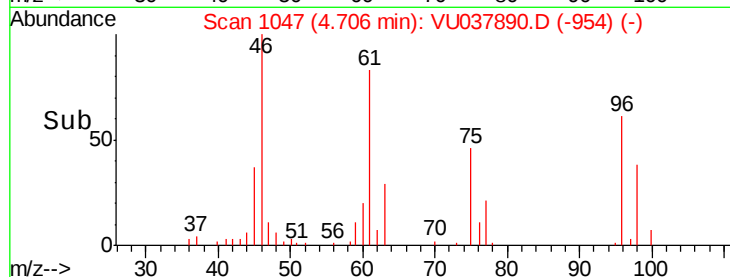
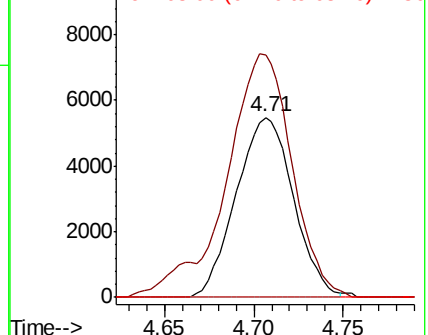
96 100

61 135.0 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#30

1,1,1-Trichloroethane

Concen: 7.572 ug/L

RT: 5.35 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

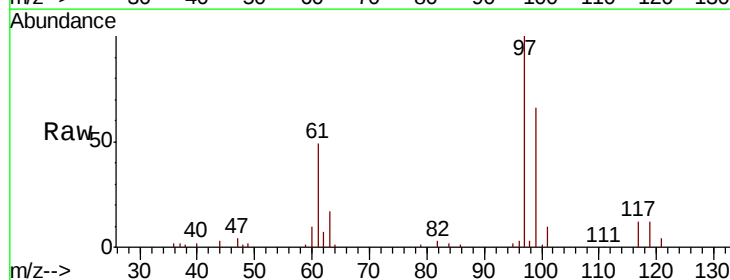
Tgt Ion: 97 Resp: 54349

Ion Ratio Lower Upper

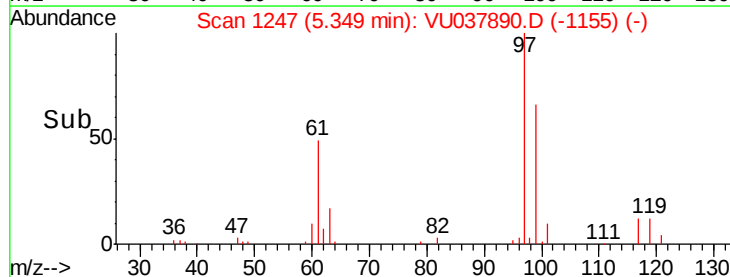
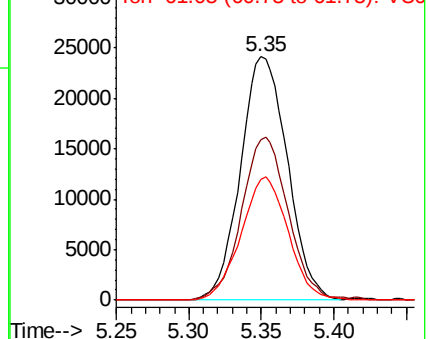
97 100

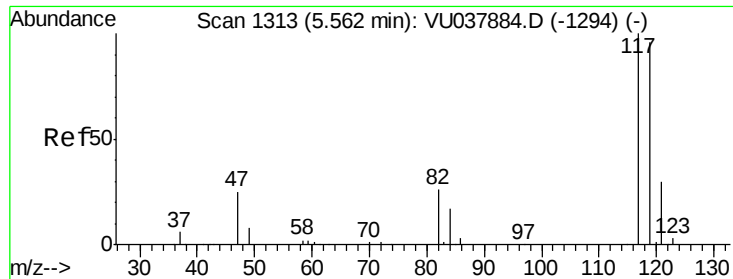
99 66.2 50.7 76.1

61 50.7 38.9 58.3



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#31

Carbon tetrachloride

Concen: 1.168 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.21 min

Lab File: VU037890.D

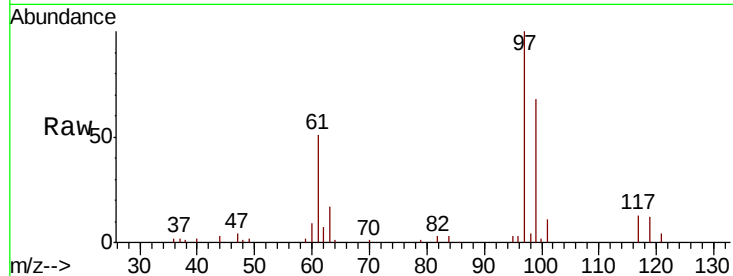
Acq: 28 Apr 2020 20:29

Tot Ion:117 Resp: 6775

Ion Ratio Lower Upper

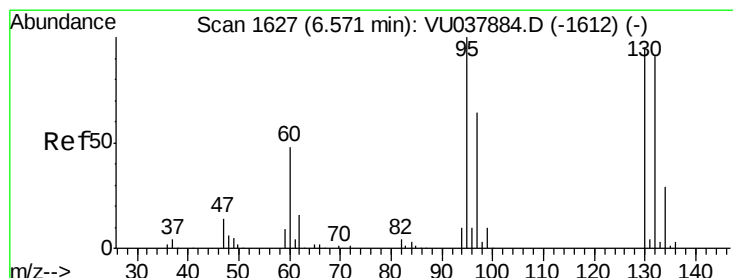
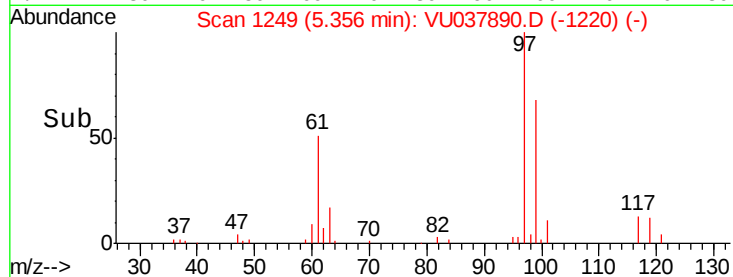
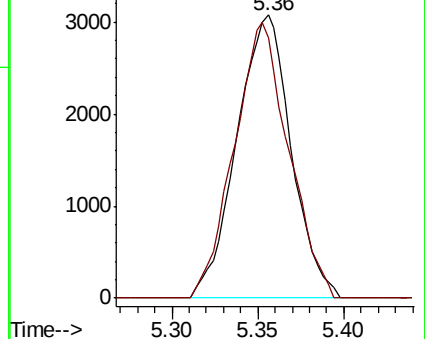
117 100

119 97.5 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: 75.180 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

Tgt Ion: 95 Resp: 359728

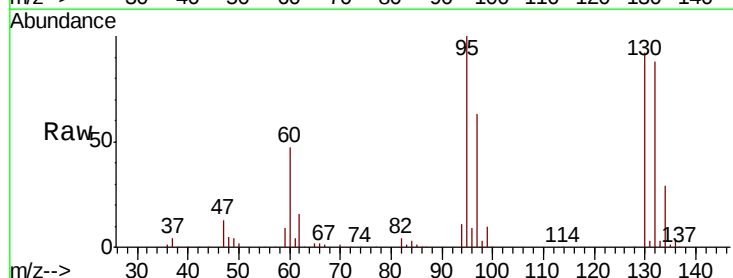
Ion Ratio Lower Upper

95 100

97 62.9 44.4 82.5

132 87.9 65.0 120.6

130 91.6 65.5 121.7

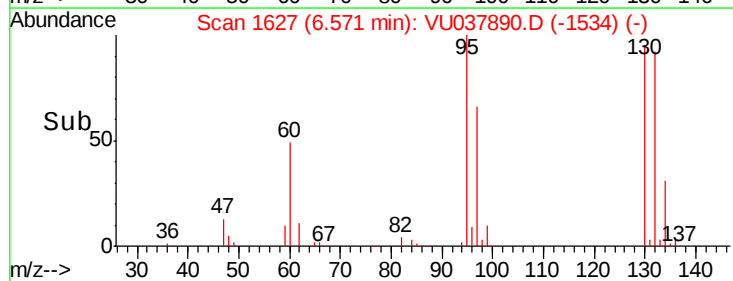
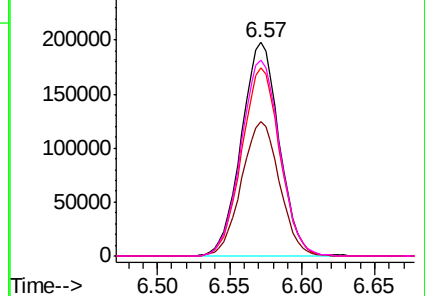


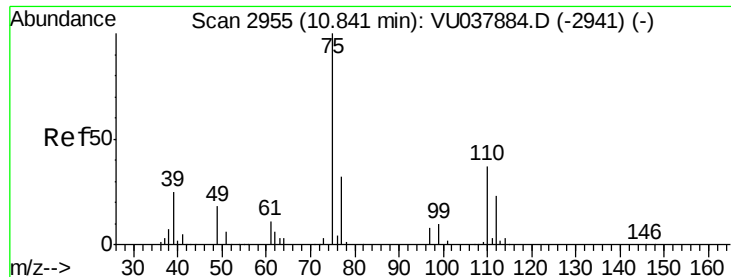
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.674 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037890.D

Acq: 28 Apr 2020 20:29

Tot Ion: 75 Resp: 40609

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

