

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037895.D
 Acq On : 28 Apr 2020 22:23
 Operator : JC/MD
 Sample : L2395-18 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 29 04:19:13 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	627266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	614303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	276822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	207024	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.93	69	189796	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.59	63	282186	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.66	46	430820	99.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.21%
24) Chloroform-d	5.10	84	397039	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.74	65	280548	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.76	84	849876	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.72	67	284173	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.92	98	770837	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%
43) trans-1,3-Dichloropropene-	8.20	79	123065	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
47) 2-Hexanone-d5	8.65	63	328375	103.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411276	50.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.74%
64) 1,2-Dichlorobenzene-d4	12.20	152	281230	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

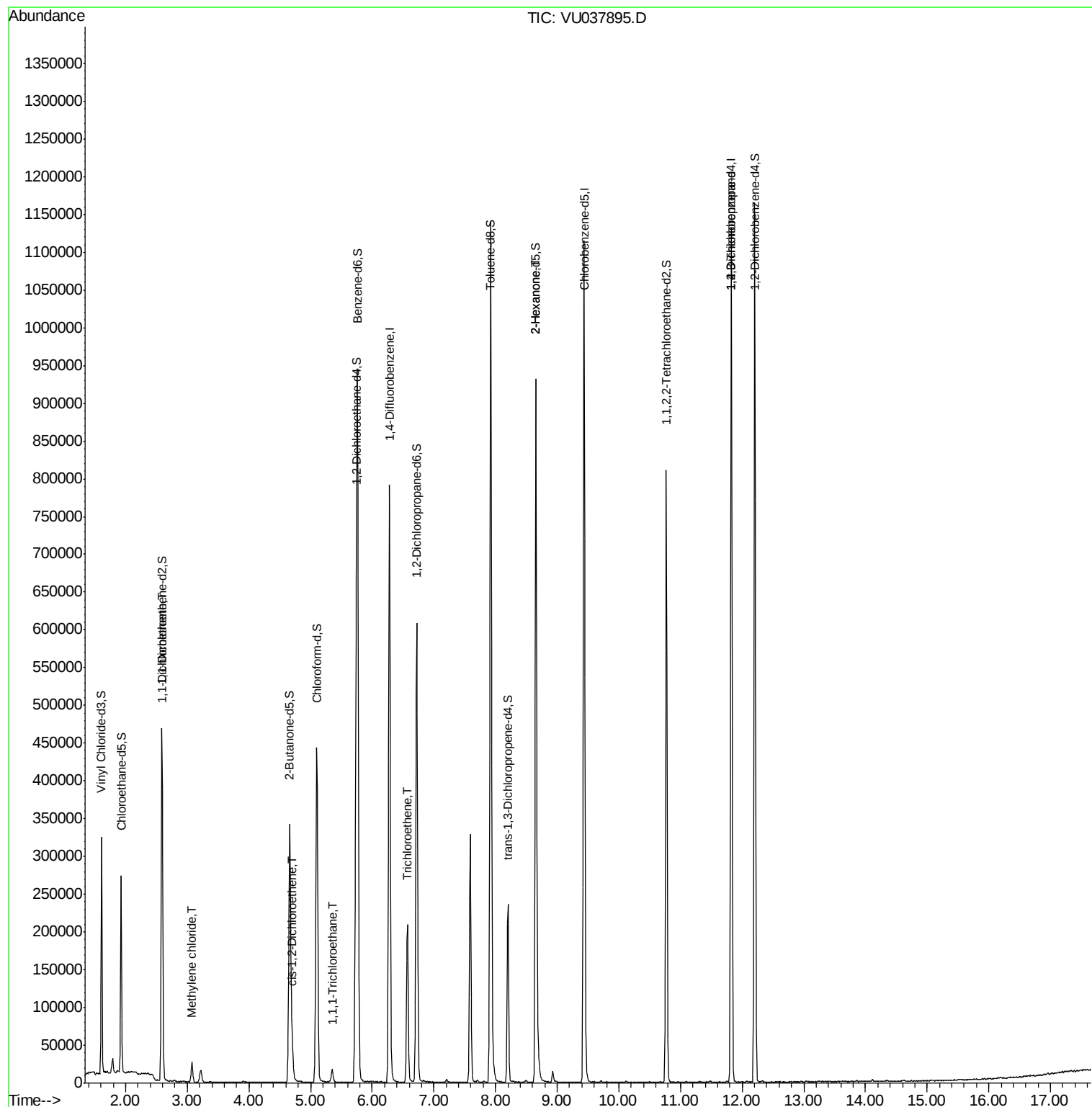
Target Compounds

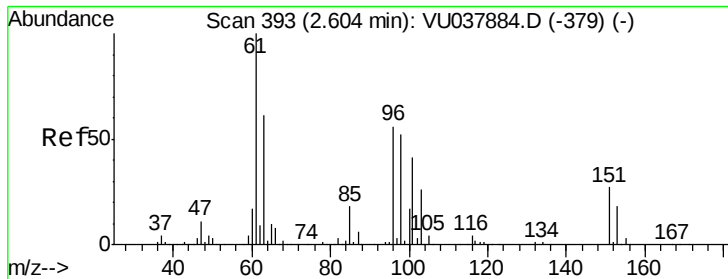
					Ovalue
12) 1,1-Dichloroethene	2.60	96	7095	1.863 ug/L #	1
16) Methylene chloride	3.08	84	11890	2.628 ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	16712	3.585 ug/L	91
30) 1,1,1-Trichloroethane	5.35	97	11405	1.662 ug/L	100
34) Trichloroethene	6.57	95	69527	15.202 ug/L	99
48) 2-Hexanone	8.65	43	38841	5.547 ug/L #	82
59) 1,2,3-Trichloropropane	11.82	75	38821	5.675 ug/L	95

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

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#12

1,1-Dichloroethene

Concen: 1.863 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037895.D

Acq: 28 Apr 2020 22:23

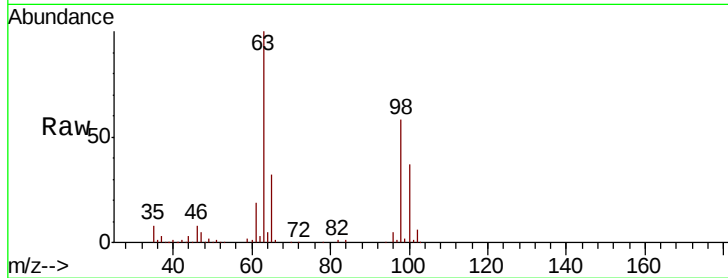
Tot Ion: 96 Resp: 7095

Ion Ratio Lower Upper

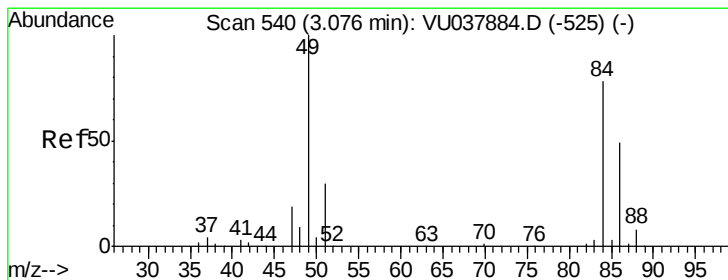
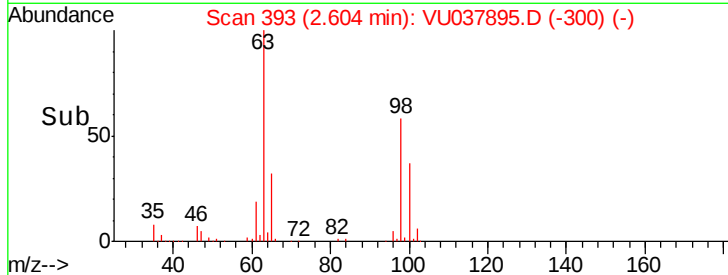
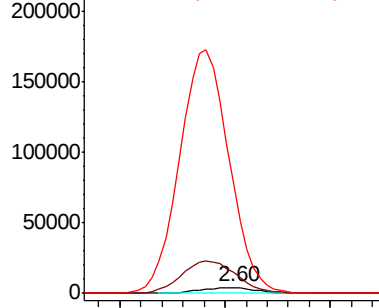
96 100

61 359.9 134.1 249.0#

63 1910.2 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: 2.628 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037895.D

Acq: 28 Apr 2020 22:23

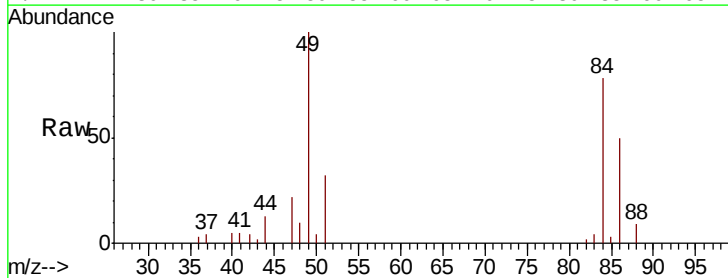
Tgt Ion: 84 Resp: 11890

Ion Ratio Lower Upper

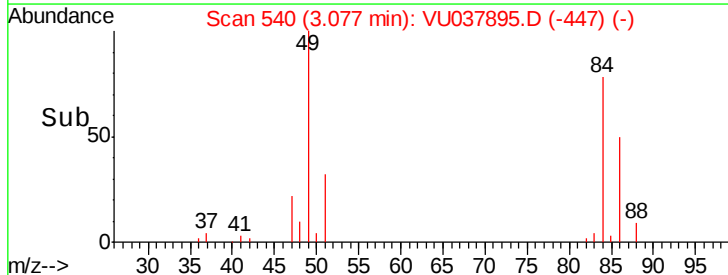
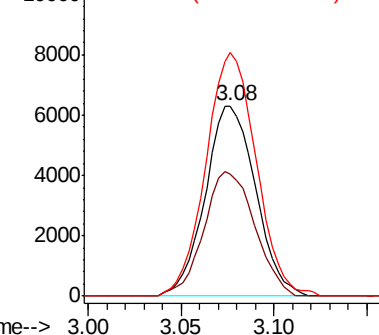
84 100

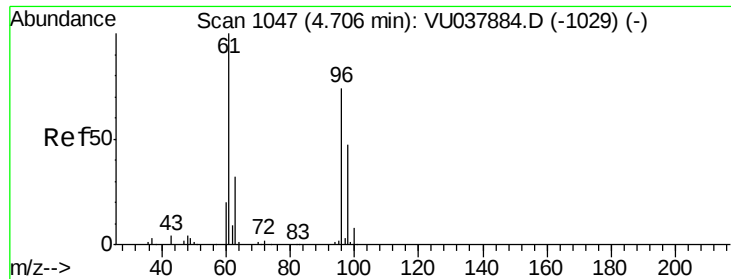
86 64.4 43.5 80.7

49 127.8 95.1 176.7



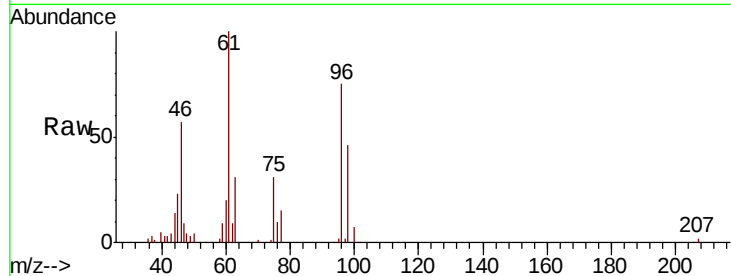
Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0



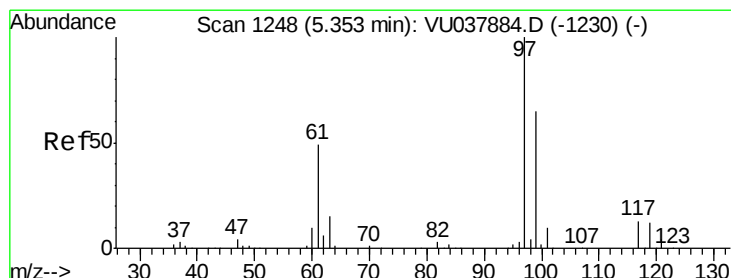
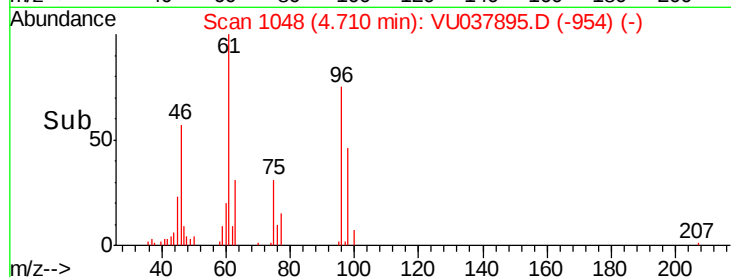
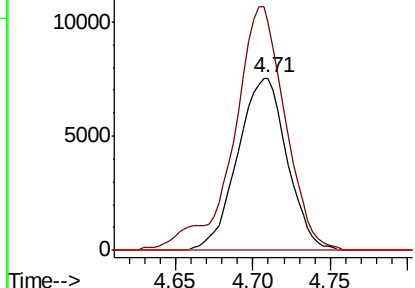


#20
 cis-1,2-Dichloroethene
 Concen: 3.585 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU037895.D
 Acq: 28 Apr 2020 22:23

Tot Ion: 96 Resp: 16712
 Ion Ratio Lower Upper
 96 100
 61 132.7 100.4 186.4
 68 0.0 0.0 0.0

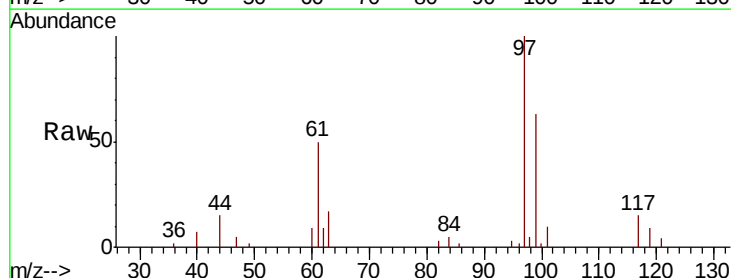


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

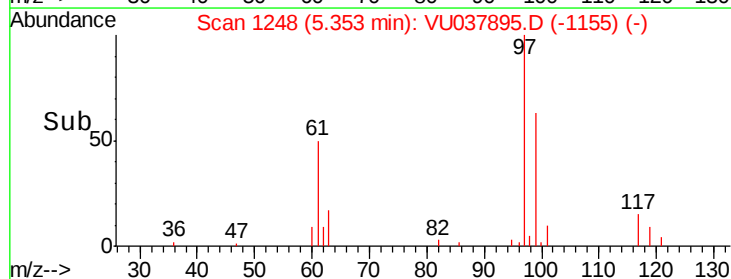
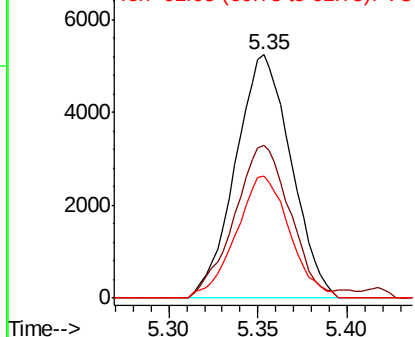


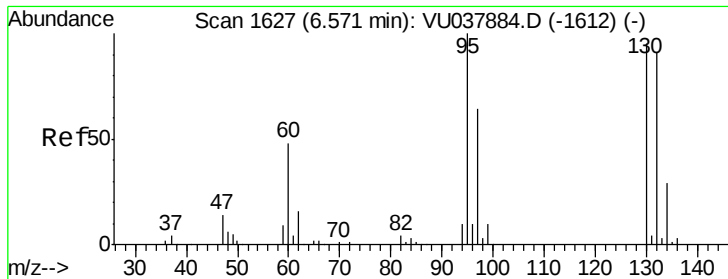
#30
 1,1,1-Trichloroethane
 Concen: 1.662 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037895.D
 Acq: 28 Apr 2020 22:23

Tgt Ion: 97 Resp: 11405
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.7 76.1
 61 48.4 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





#34

Trichloroethene

Concen: 15.202 ug/L

RT: 6.57 min Scan# 1627

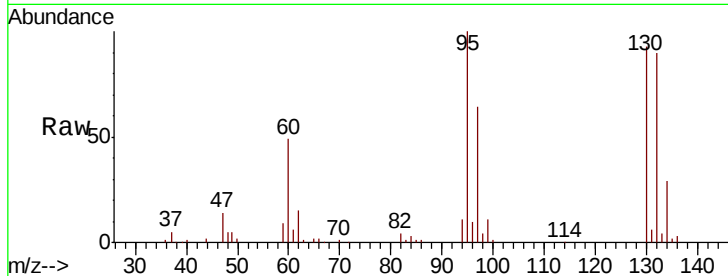
Delta R.T. 0.00 min

Lab File: VU037895.D

Acq: 28 Apr 2020 22:23

Tot Ion: 95 Resp: 69527

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.5
132	90.3	65.0	120.6
130	93.1	65.5	121.7



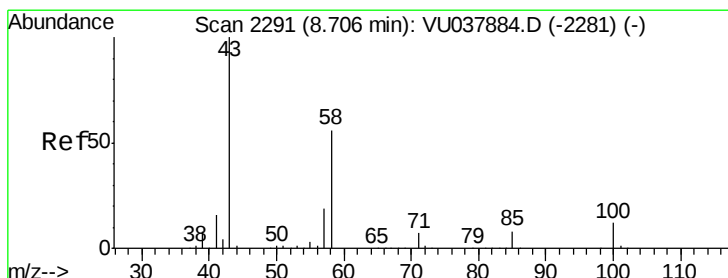
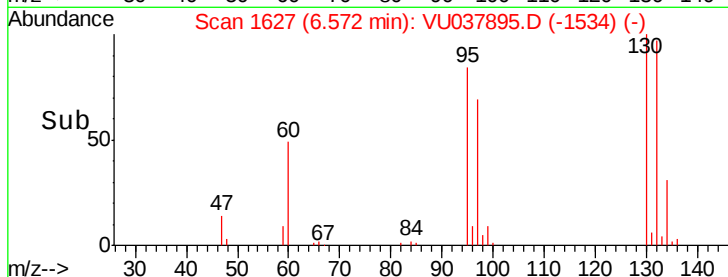
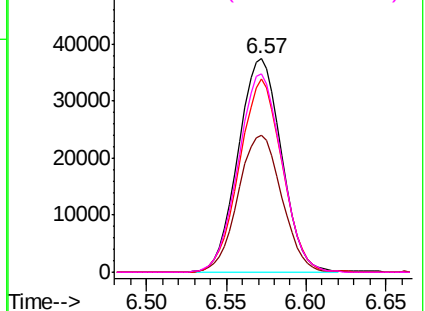
Abundance

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



#48

2-Hexanone

Concen: 5.547 ug/L

RT: 8.65 min Scan# 2274

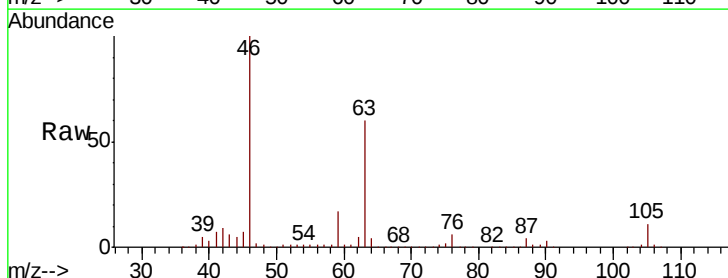
Delta R.T. -0.05 min

Lab File: VU037895.D

Acq: 28 Apr 2020 22:23

Tgt Ion: 43 Resp: 38841

Ion	Ratio	Lower	Upper
43	100		
58	39.2	42.6	63.8#
57	21.5	14.6	22.0
100	0.3	8.6	13.0#



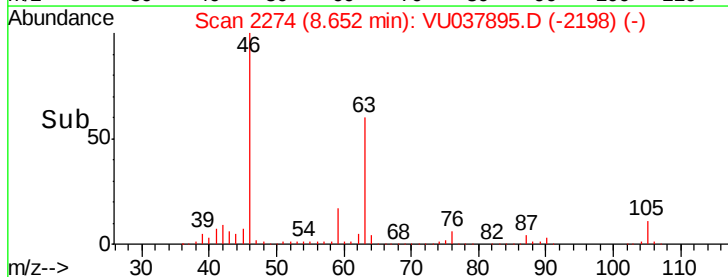
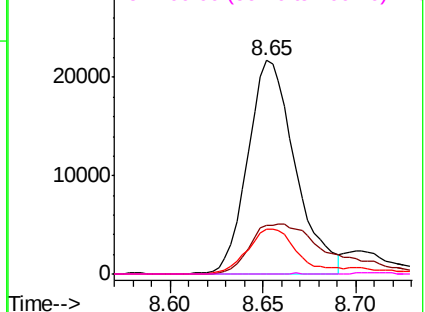
Abundance

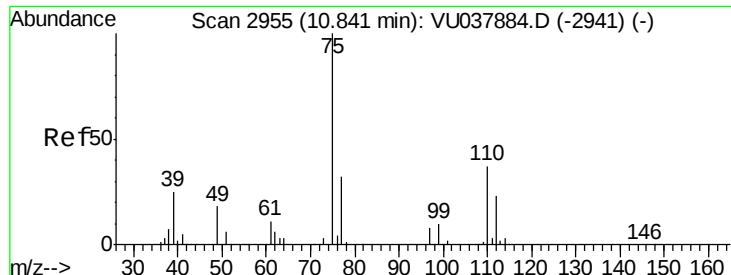
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.675 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037895.D

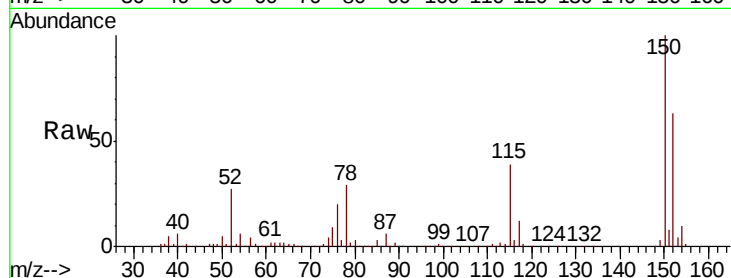
Acq: 28 Apr 2020 22:23

Tot Ion: 75 Resp: 38821

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

