

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038770.D
 Acq On : 10 Jun 2020 11:29
 Operator : SY/MD
 Sample : L2897-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42DL

Quant Time: Jun 11 00:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	463179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	459387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	219511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84785	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.52%
7) Chloroethane-d5	1.92	69	61091	30.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.86%#
11) 1,1-Dichloroethene-d2	2.59	63	148161	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	4.66	46	196970	78.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.24%
24) Chloroform-d	5.10	84	202103	36.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.44%
26) 1,2-Dichloroethane-d4	5.74	65	140616	38.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.04%
32) Benzene-d6	5.76	84	403573	36.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.94%
36) 1,2-Dichloropropane-d6	6.72	67	124936	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.26%
41) Toluene-d8	7.92	98	351691	35.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.34%#
43) trans-1,3-Dichloropropene-	8.20	79	59024	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
47) 2-Hexanone-d5	8.66	63	148345	81.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	196123	38.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.10%
64) 1,2-Dichlorobenzene-d4	12.20	152	151195	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#

Target Compounds

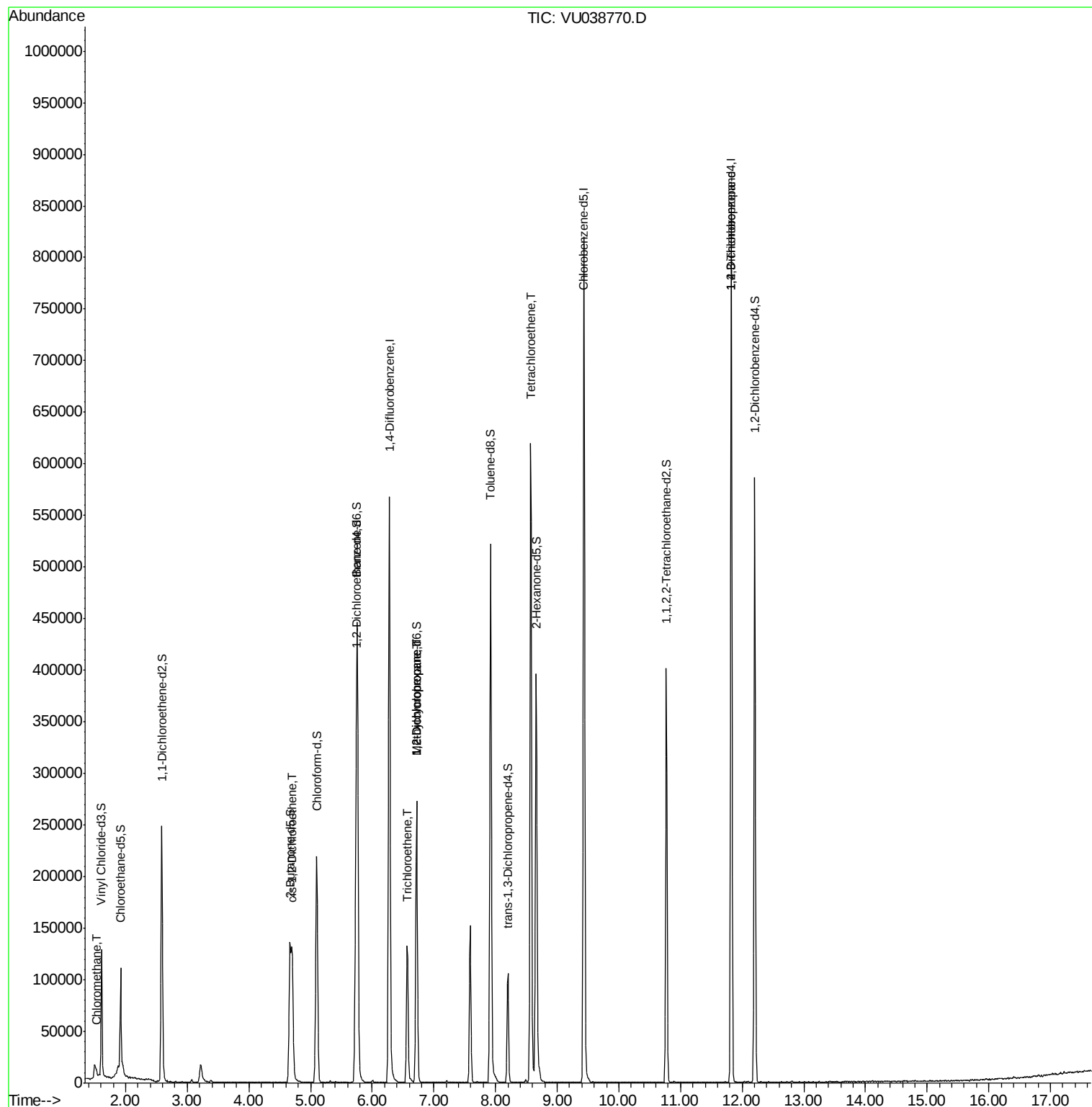
					Ovalue
3) Chloromethane	1.53	50	3360	0.950 ug/L	90
20) cis-1,2-Dichloroethene	4.70	96	53322	15.036 ug/L	96
34) Trichloroethene	6.57	95	43878	12.647 ug/L	98
35) Methylcyclohexane	6.72	83	29149	5.571 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14310	4.026 ug/L #	87
46) Tetrachloroethene	8.57	164	141007	56.334 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	28454	5.709 ug/L	91

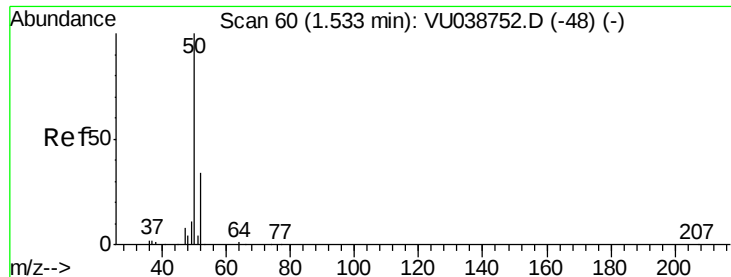
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:28:57 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.950 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

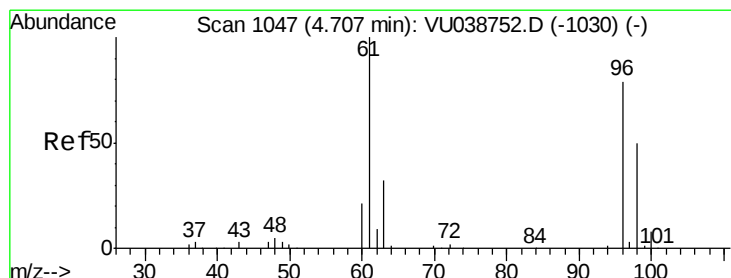
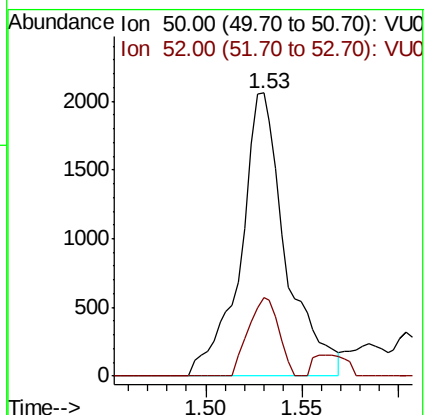
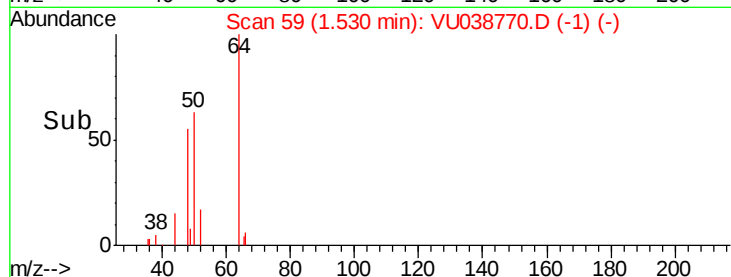
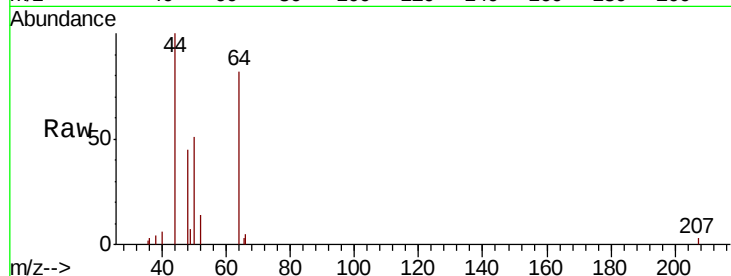
ETW42DL

Tot Ion: 50 Resp: 3360

Ion Ratio Lower Upper

50 100

52 27.6 23.2 43.2



#20

cis-1,2-Dichloroethene

Concen: 15.036 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

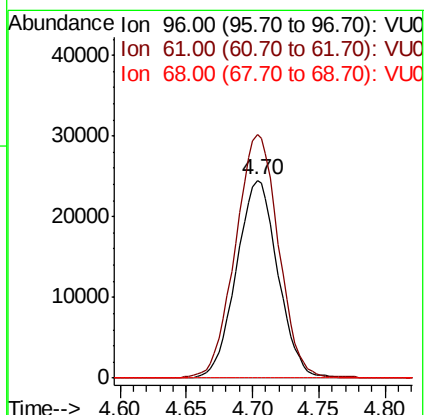
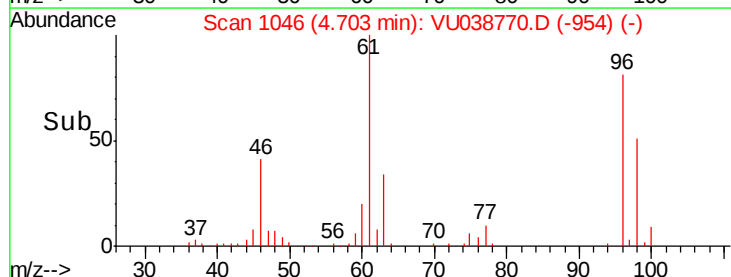
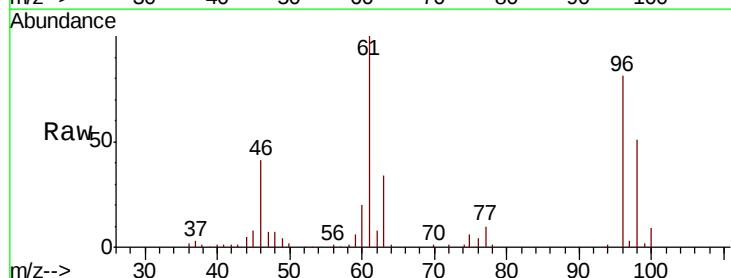
Tgt Ion: 96 Resp: 53322

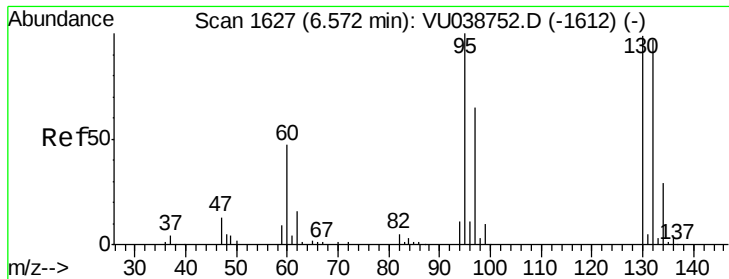
Ion Ratio Lower Upper

96 100

61 123.0 89.5 166.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 12.647 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

ETW42DL

Tot Ion: 95 Resp: 43878

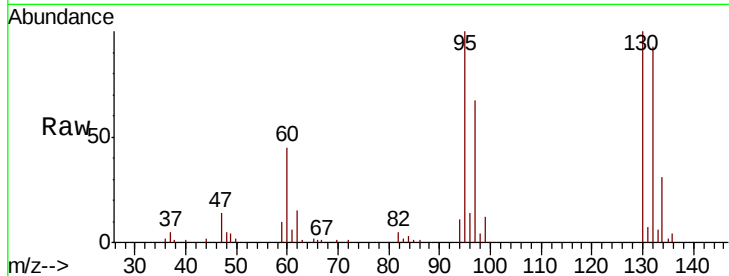
Ion Ratio Lower Upper

95 100

97 67.3 44.4 82.4

132 93.3 64.9 120.5

130 99.7 68.6 127.4

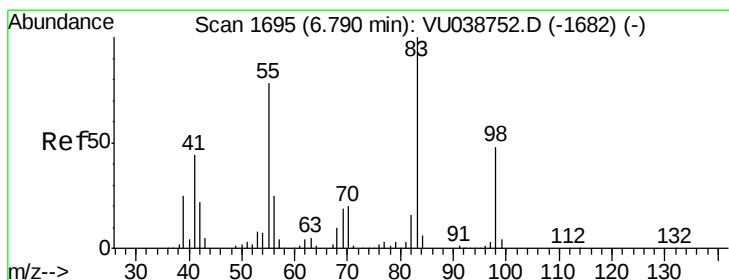
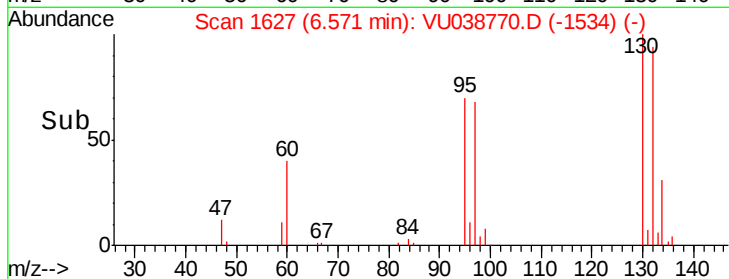
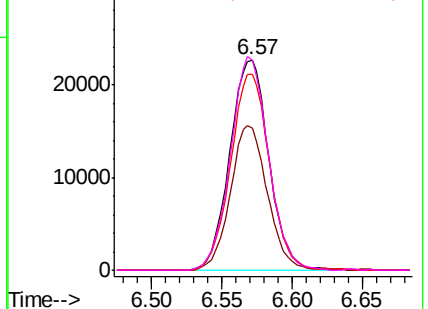


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 5.571 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

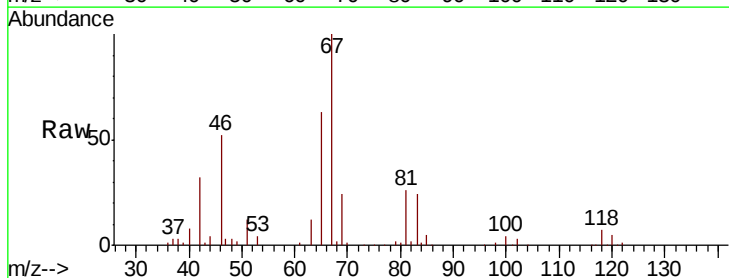
Tgt Ion: 83 Resp: 29149

Ion Ratio Lower Upper

83 100

55 0.1 63.2 94.8#

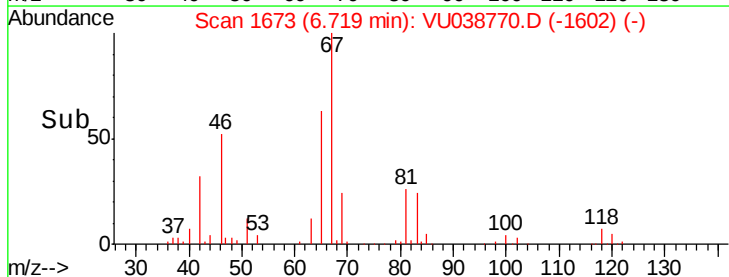
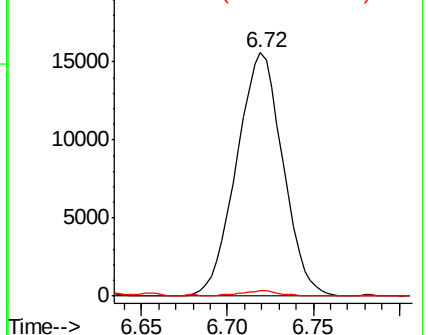
98 0.9 38.4 57.6#

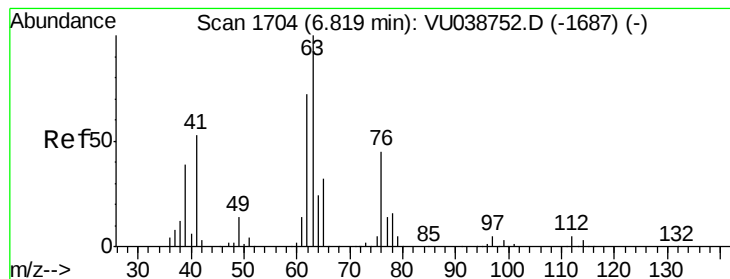


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 4.026 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

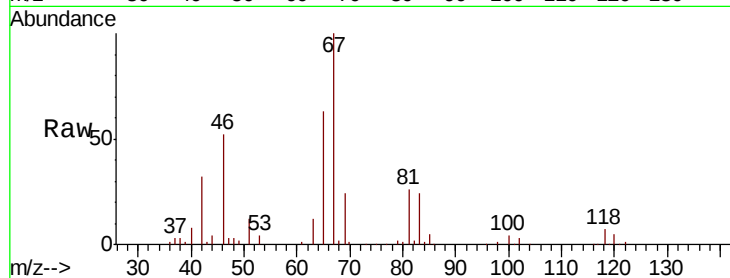
ETW42DL

Tot Ion: 63 Resp: 14310

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU038770.D (-1673) (-)

Ion 112.00 (111.70 to 112.70): VU038770.D (-1673) (-)

6.72

8000

6000

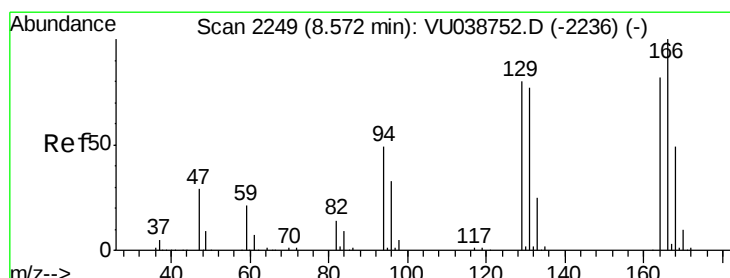
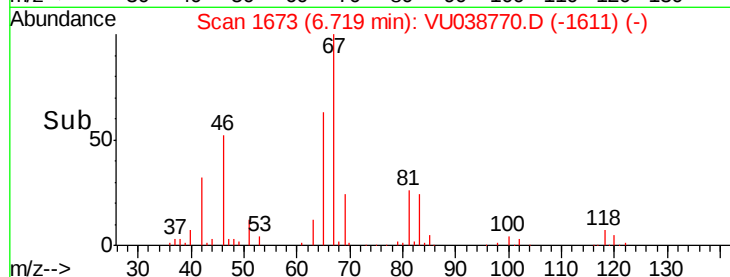
4000

2000

0

6.65 6.70 6.75

Time-->



#46

Tetrachloroethene

Concen: 56.334 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Tgt Ion:164 Resp: 141007

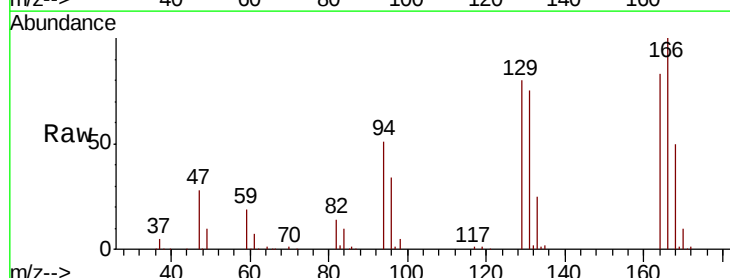
Ion Ratio Lower Upper

164 100

129 96.2 67.2 124.8

131 90.5 65.5 121.6

166 120.8 90.4 168.0



Abundance Ion 164.00 (163.70 to 164.70): VU038770.D (-2156) (-)

Ion 129.00 (128.70 to 129.70): VU038770.D (-2156) (-)

Ion 131.00 (130.70 to 131.70): VU038770.D (-2156) (-)

Ion 166.00 (165.70 to 166.70): VU038770.D (-2156) (-)

150000

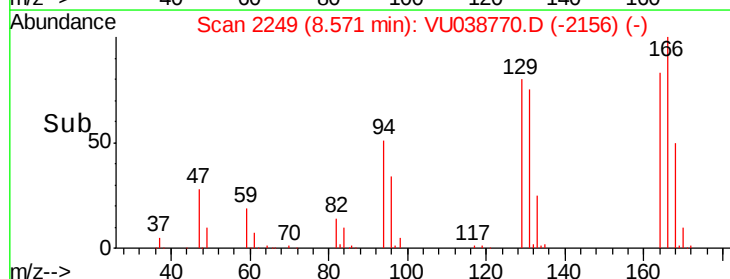
100000

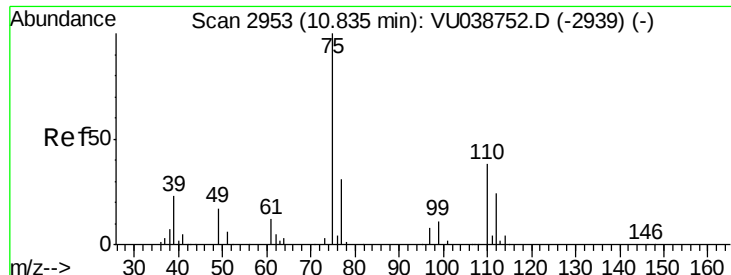
50000

0

8.50 8.55 8.60 8.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.709 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

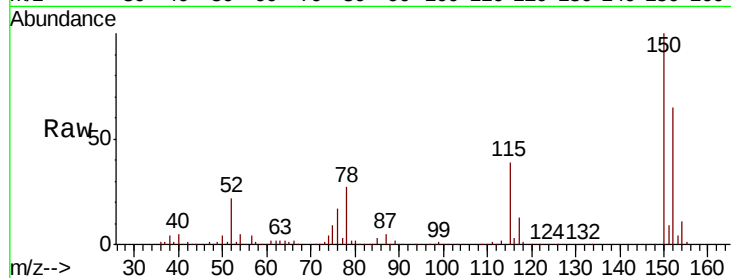
ETW42DL

Tot Ion: 75 Resp: 28454

Ion Ratio Lower Upper

75 100

77 36.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

