

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038684.D
 Acq On : 08 Jun 2020 22:10
 Operator : SY/MD
 Sample : L2896-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW45

Quant Time: Jun 09 06:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	575032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	558397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	250302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188514	58.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.36%
7) Chloroethane-d5	1.93	69	150241	60.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.56%
11) 1,1-Dichloroethene-d2	2.59	63	284902	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
21) 2-Butanone-d5	4.66	46	347669	111.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.23%
24) Chloroform-d	5.10	84	357690	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	5.74	65	247142	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.66%
32) Benzene-d6	5.76	84	748667	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.32%
36) 1,2-Dichloropropane-d6	6.72	67	227719	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.86%
41) Toluene-d8	7.92	98	646473	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%
43) trans-1,3-Dichloropropene-	8.20	79	108130	51.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.62%
47) 2-Hexanone-d5	8.65	63	255280	115.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	320676	51.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	255062	58.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.38%

Target Compounds

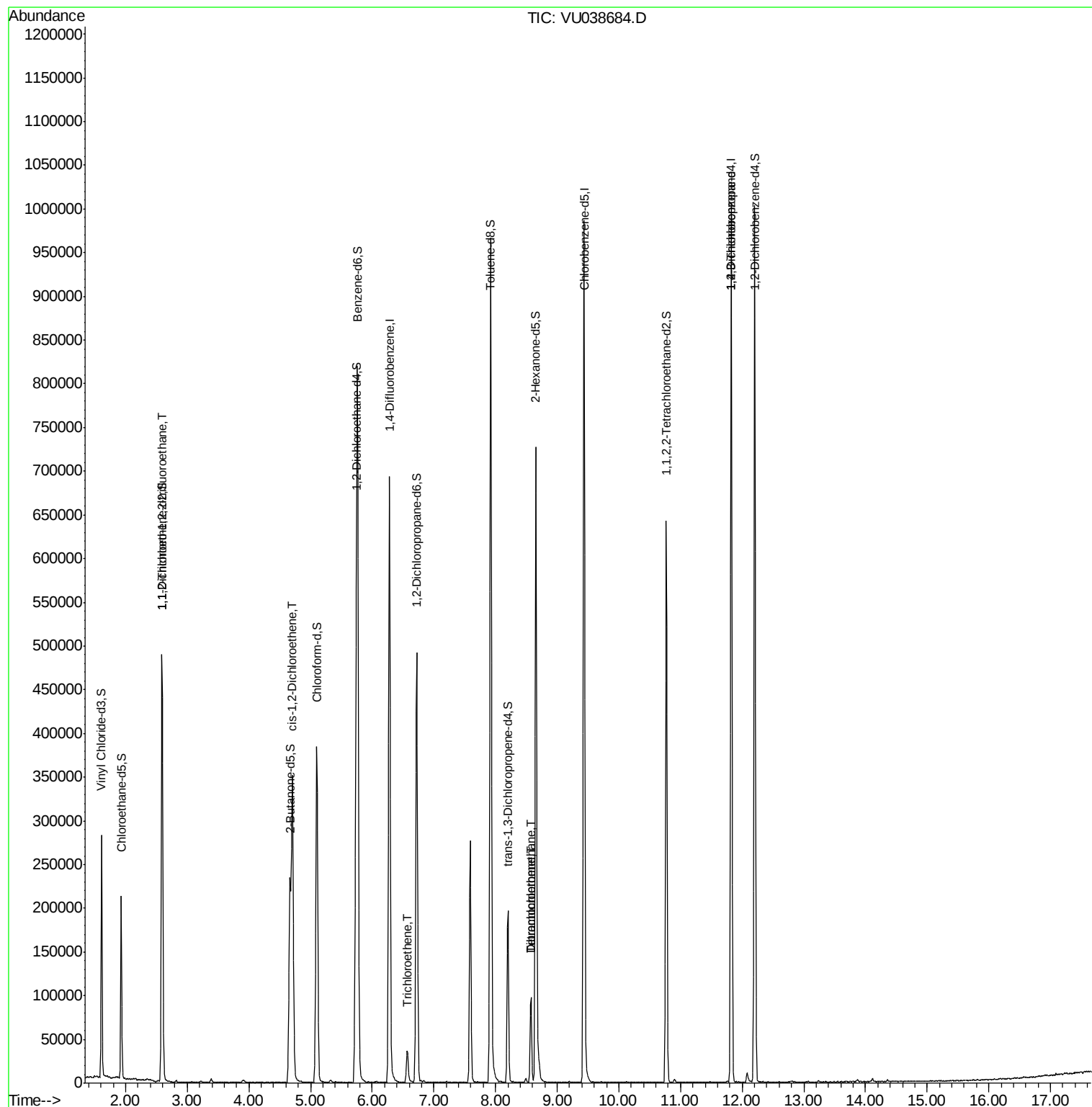
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3037	0.822 ug/L #	24
20) cis-1,2-Dichloroethene	4.71	96	167876	38.129 ug/L	100
34) Trichloroethene	6.57	95	9637	2.285 ug/L	95
46) Tetrachloroethene	8.57	164	21774	7.157 ug/L	95
49) Dibromochloromethane	8.57	129	22233	5.205 ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	32083	5.295 ug/L	90

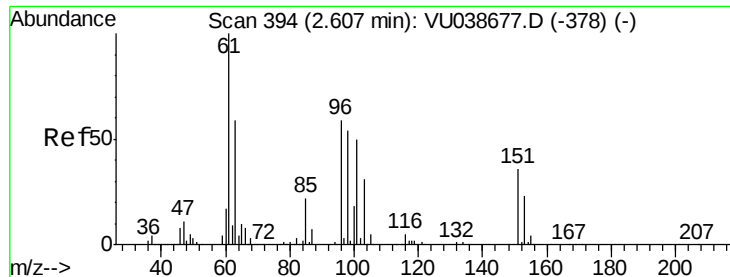
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.822 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038684.D

Acq: 08 Jun 2020 22:10

Instrument :

MSVOA_U

ClientSampleId :

ETW45

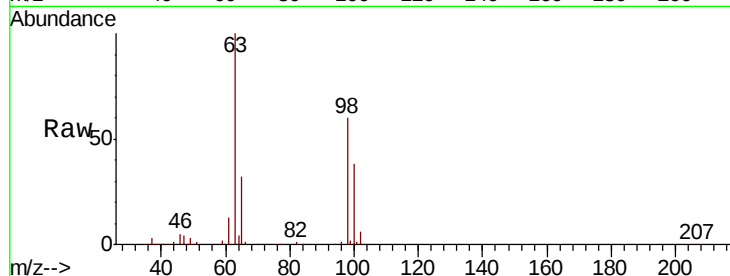
Tot Ion:101 Resp: 3037

Ion Ratio Lower Upper

101 100

85 2.3 35.1 52.7#

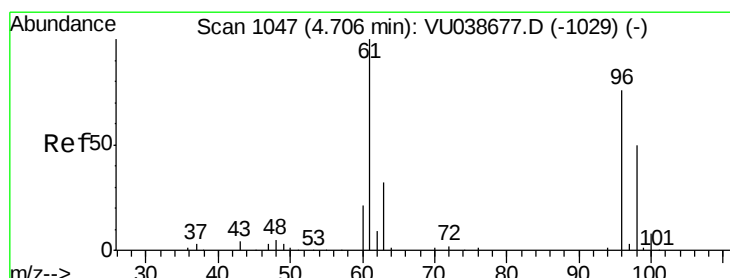
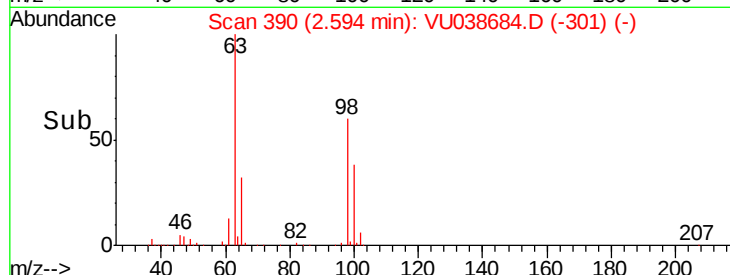
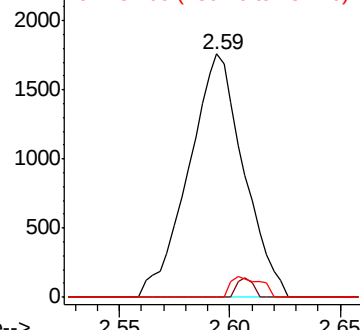
151 3.2 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 38.129 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038684.D

Acq: 08 Jun 2020 22:10

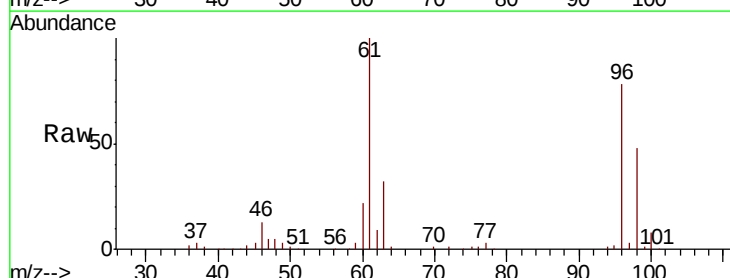
Tgt Ion: 96 Resp: 167876

Ion Ratio Lower Upper

96 100

61 128.0 89.5 166.1

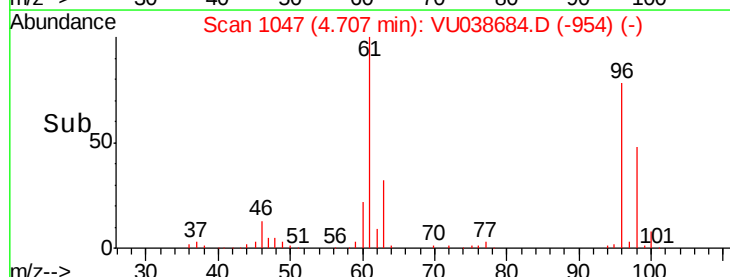
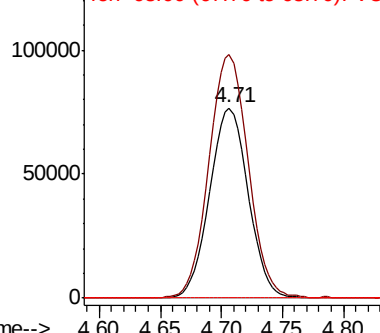
68 0.0 0.0 0.0

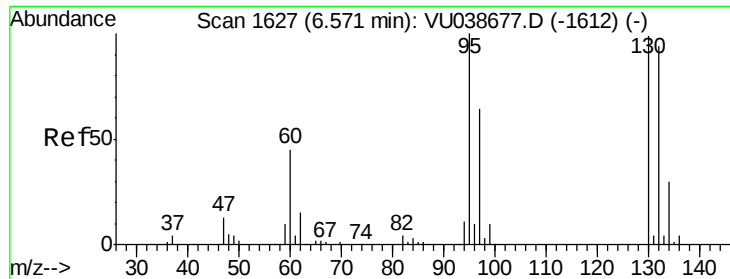


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.285 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038684.D

Acq: 08 Jun 2020 22:10

Instrument :

MSVOA_U

ClientSampleId :

ETW45

Tot Ion: 95 Resp: 9637

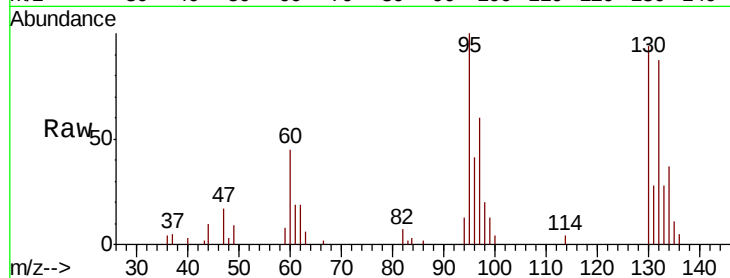
Ion Ratio Lower Upper

95 100

97 60.4 44.4 82.4

132 87.0 64.9 120.5

130 93.9 68.6 127.4

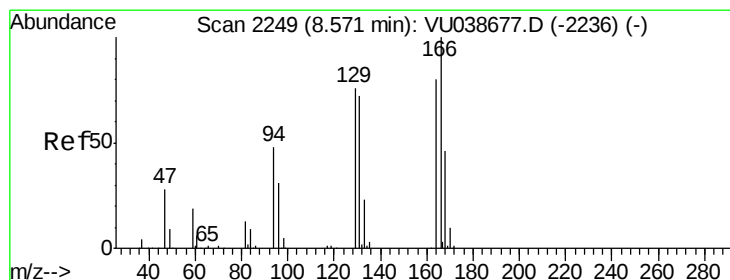
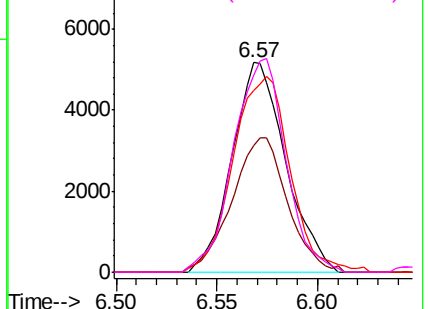
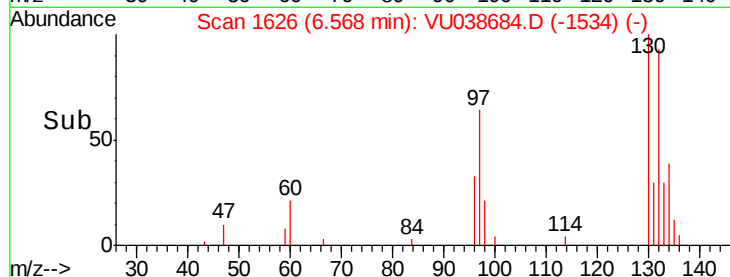


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 7.157 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038684.D

Acq: 08 Jun 2020 22:10

Tgt Ion:164 Resp: 21774

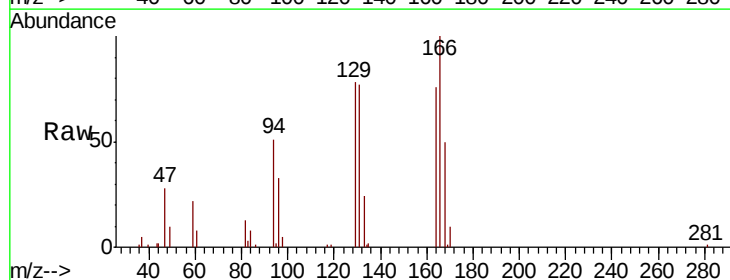
Ion Ratio Lower Upper

164 100

129 102.1 67.2 124.8

131 100.7 65.5 121.6

166 131.3 90.4 168.0

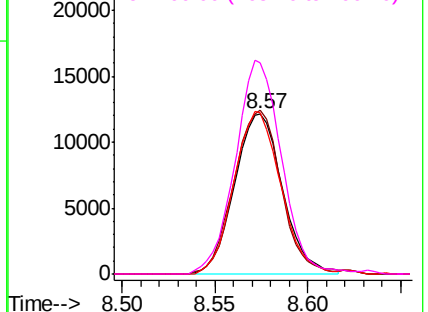
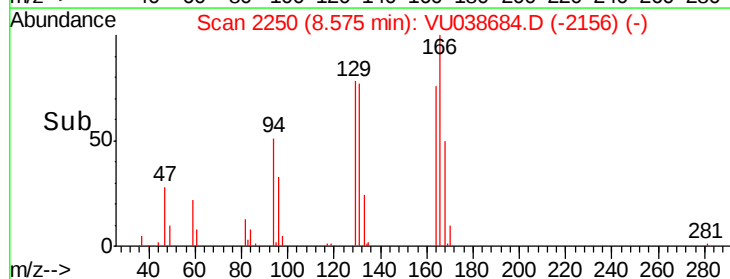


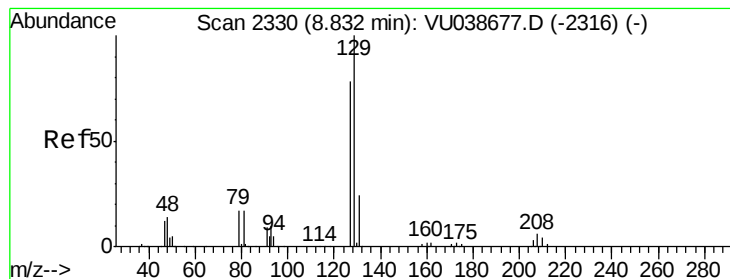
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

Dibromochloromethane

Concen: 5.205 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038684.D

Acq: 08 Jun 2020 22:10

Instrument :

MSVOA_U

ClientSampled :

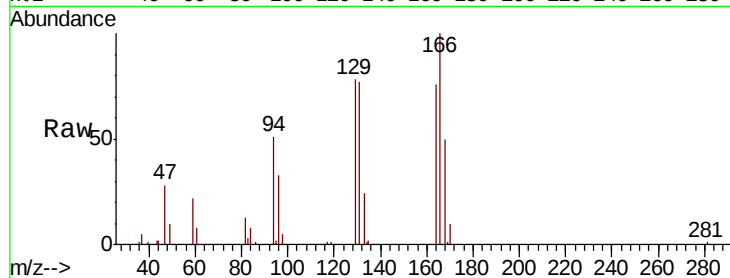
ETW45

Tot Ion:129 Resp: 22233

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.57

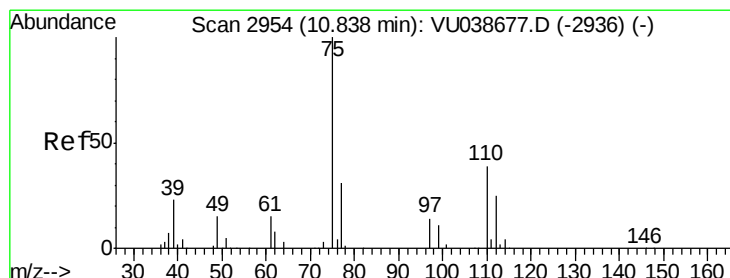
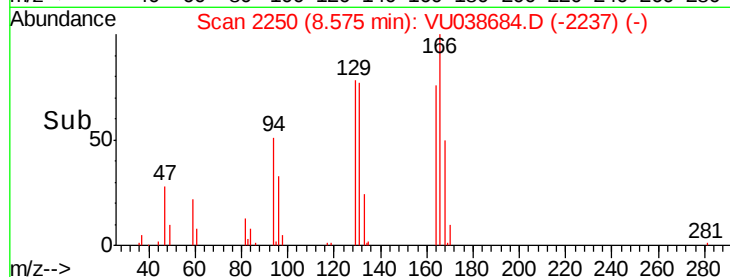
10000

5000

0

Time-->

8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 5.295 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038684.D

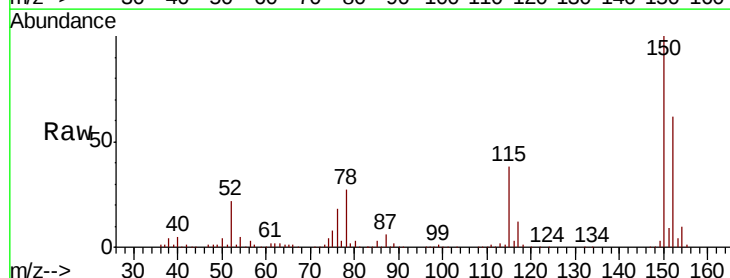
Acq: 08 Jun 2020 22:10

Tgt Ion: 75 Resp: 32083

Ion Ratio Lower Upper

75 100

77 37.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

20000

15000

10000

5000

0

Time-->

11.80 11.85

