

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038683.D
 Acq On : 08 Jun 2020 21:48
 Operator : SY/MD
 Sample : L2896-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW44

Quant Time: Jun 09 06:35:49 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	560351	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	543151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	247697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193708	61.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.74%
7) Chloroethane-d5	1.93	69	149625	61.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.22%
11) 1,1-Dichloroethene-d2	2.59	63	293221	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
21) 2-Butanone-d5	4.66	46	350249	115.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.00%
24) Chloroform-d	5.10	84	364736	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.08%
26) 1,2-Dichloroethane-d4	5.74	65	247833	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.80%
32) Benzene-d6	5.76	84	771082	58.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.86%
36) 1,2-Dichloropropane-d6	6.72	67	230851	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.50%
41) Toluene-d8	7.92	98	666839	56.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.80%
43) trans-1,3-Dichloropropene-	8.20	79	111630	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.98%
47) 2-Hexanone-d5	8.65	63	261123	121.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325866	54.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.36%
64) 1,2-Dichlorobenzene-d4	12.20	152	260926	60.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.34%#

Target Compounds

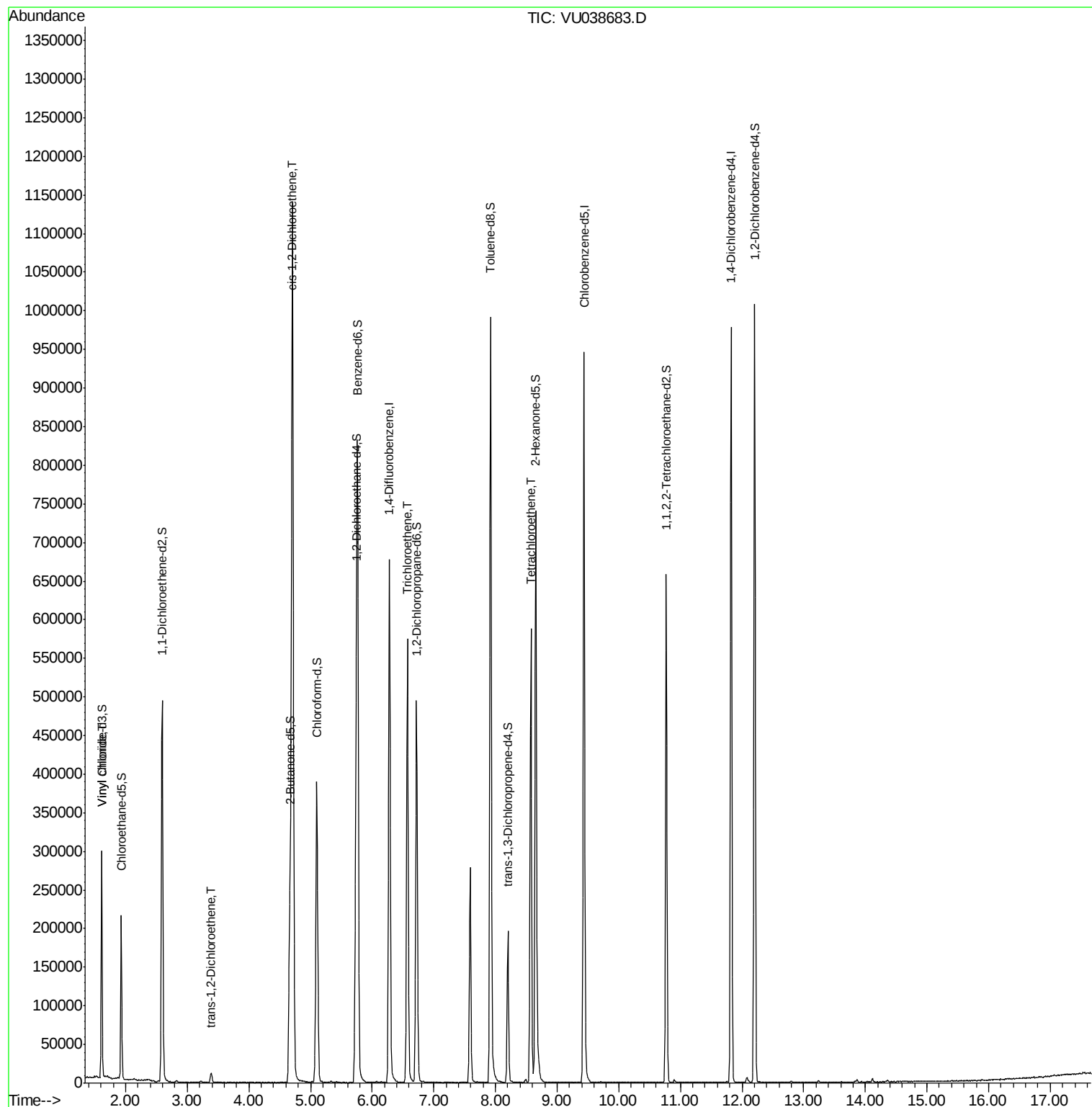
					Ovalue
5) Vinyl chloride	1.62	62	8383	1.870 ug/L	# 15
17) trans-1,2-Dichloroethene	3.38	96	5093	1.312 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	577490	134.600 ug/L	98
34) Trichloroethene	6.57	95	193239	47.107 ug/L	100
46) Tetrachloroethene	8.57	164	132100	44.636 ug/L	98

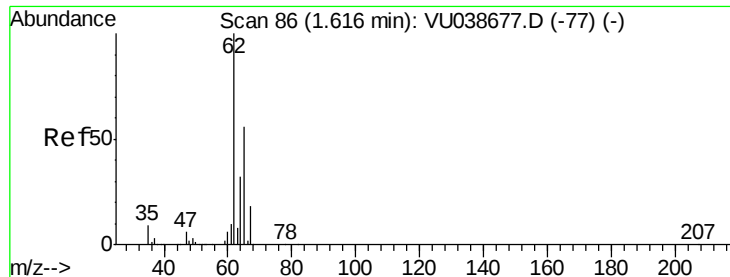
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038683.D
Acq On : 08 Jun 2020 21:48
Operator : SY/MD
Sample : L2896-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETW44

Quant Time: Jun 09 06:35:49 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





#5

Vinyl chloride

Concen: 1.870 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038683.D

Acq: 08 Jun 2020 21:48

Instrument :

MSVOA_U

ClientSampled :

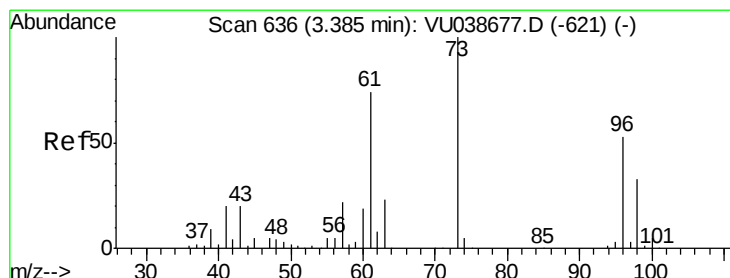
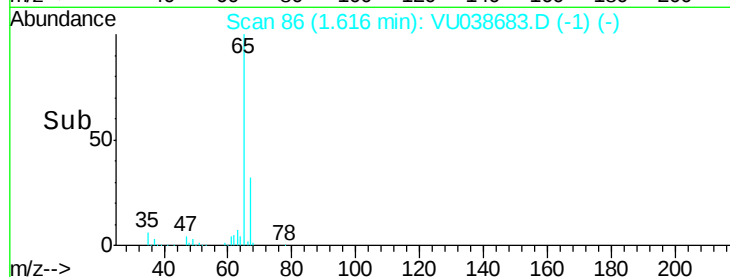
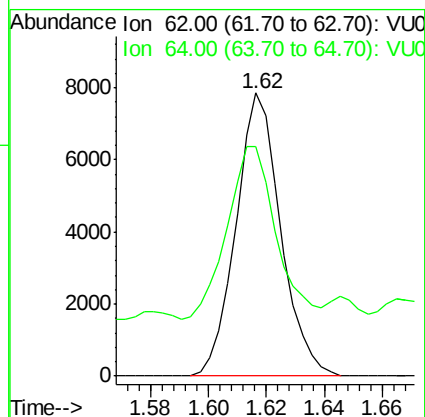
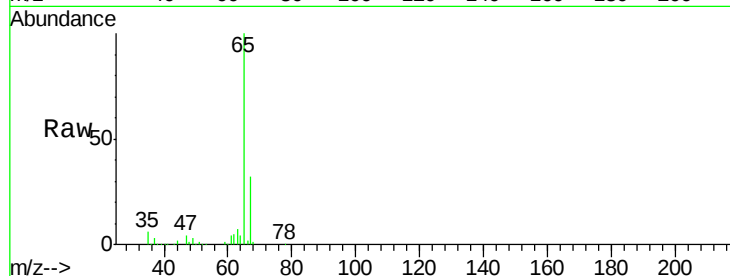
ETW44

Tot Ion: 62 Resp: 8383

Ion Ratio Lower Upper

62 100

64 80.9 23.0 42.8#



#17

trans-1,2-Dichloroethene

Concen: 1.312 ug/L

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU038683.D

Acq: 08 Jun 2020 21:48

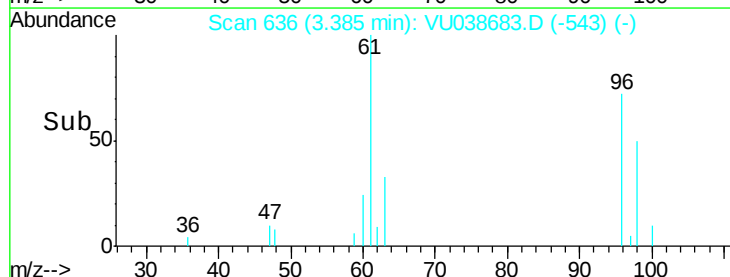
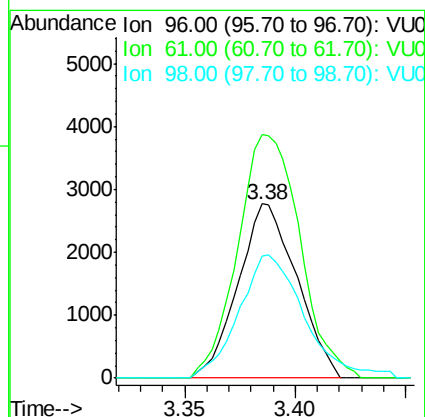
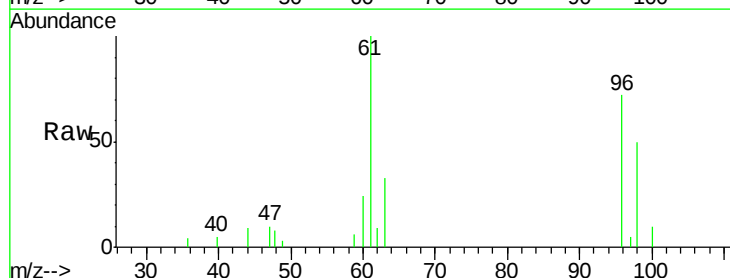
Tgt Ion: 96 Resp: 5093

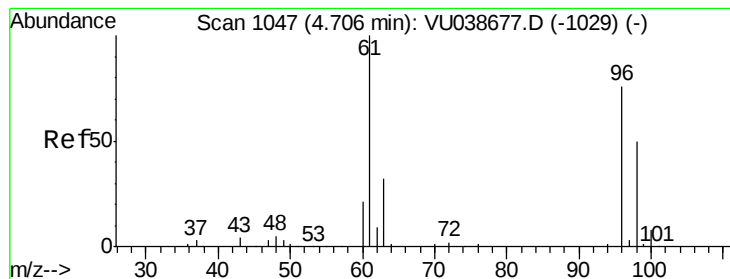
Ion Ratio Lower Upper

96 100

61 139.8 98.2 182.4

98 70.1 44.3 82.3





#20

cis-1,2-Dichloroethene

Concen: 134.600 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038683.D

Acq: 08 Jun 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

ETW44

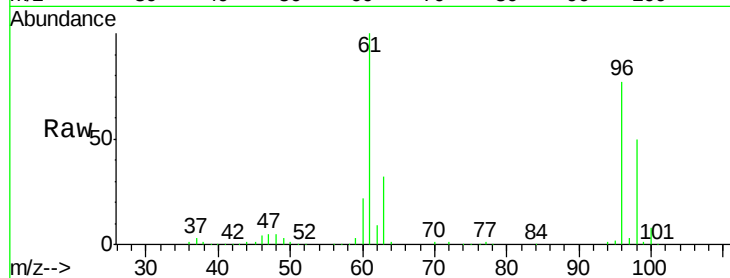
Tot Ion: 96 Resp: 577490

Ion Ratio Lower Upper

96 100

61 130.3 89.5 166.1

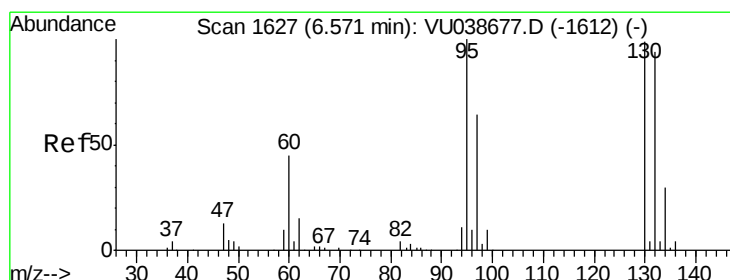
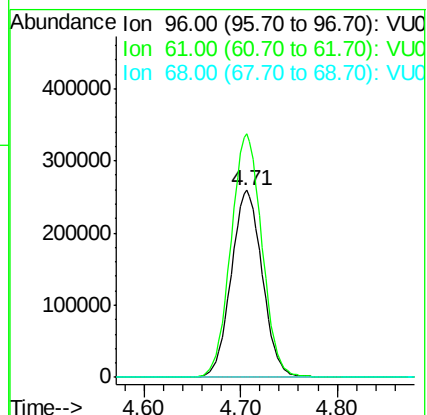
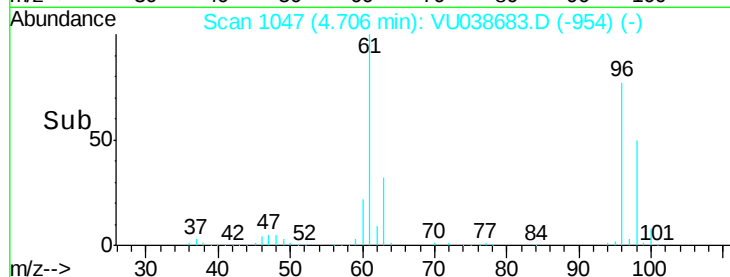
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038677.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU038677.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU038677.D (-1029) (-)



#34

Trichloroethene

Concen: 47.107 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038683.D

Acq: 08 Jun 2020 21:48

Tgt Ion: 95 Resp: 193239

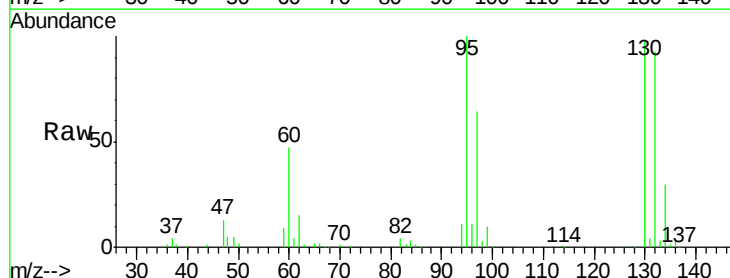
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 93.1 64.9 120.5

130 98.0 68.6 127.4

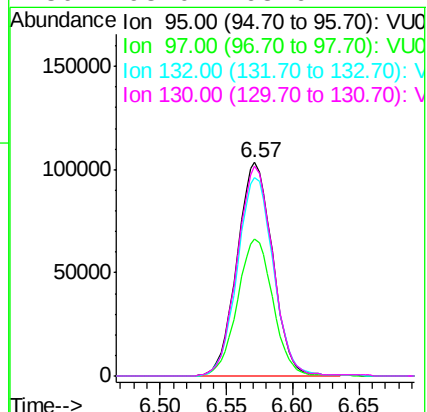
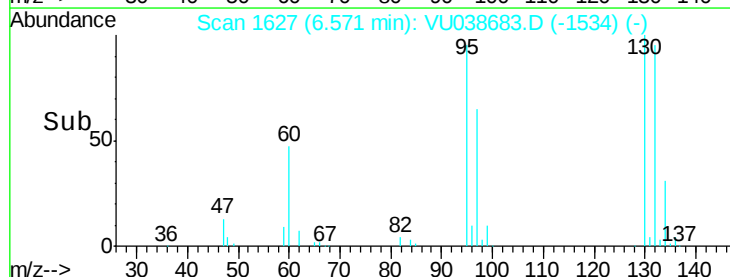


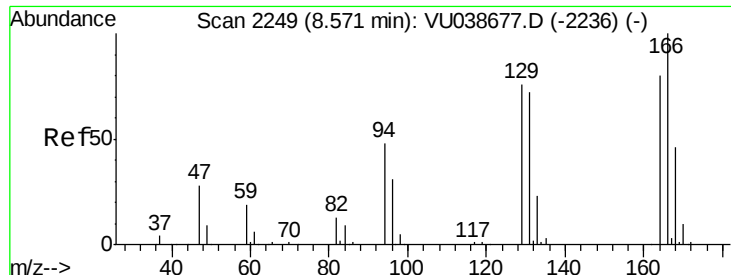
Abundance Ion 95.00 (94.70 to 95.70): VU038677.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU038677.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU038677.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU038677.D (-1612) (-)





#46

Tetrachloroethene

Concen: 44.636 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038683.D

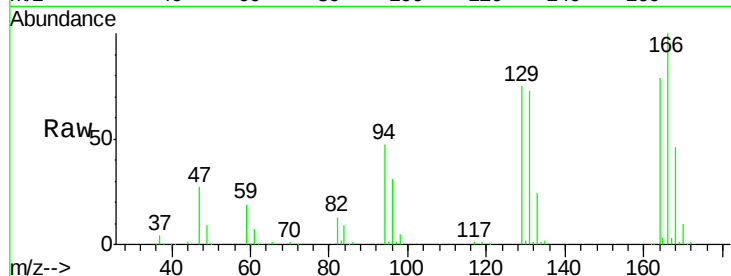
Acq: 08 Jun 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

ETW44



Tot Ion:164 Resp: 132100

Ion Ratio Lower Upper

164 100

129 93.9 67.2 124.8

131 91.7 65.5 121.6

166 125.9 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

