

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061320\
 Data File : VU038877.D
 Acq On : 13 Jun 2020 02:50
 Operator : SY/MD
 Sample : L2985-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT72

Quant Time: Jun 13 04:10:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252238	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	118757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61338	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	60655	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.59	63	110313	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.68	46	319702	74.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.20%#
24) Chloroform-d	5.10	84	173568	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.74	65	102786	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.76	84	317312	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	103828	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.92	98	257461	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	35025	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.66	63	270045	75.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.08%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98844	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	111783	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

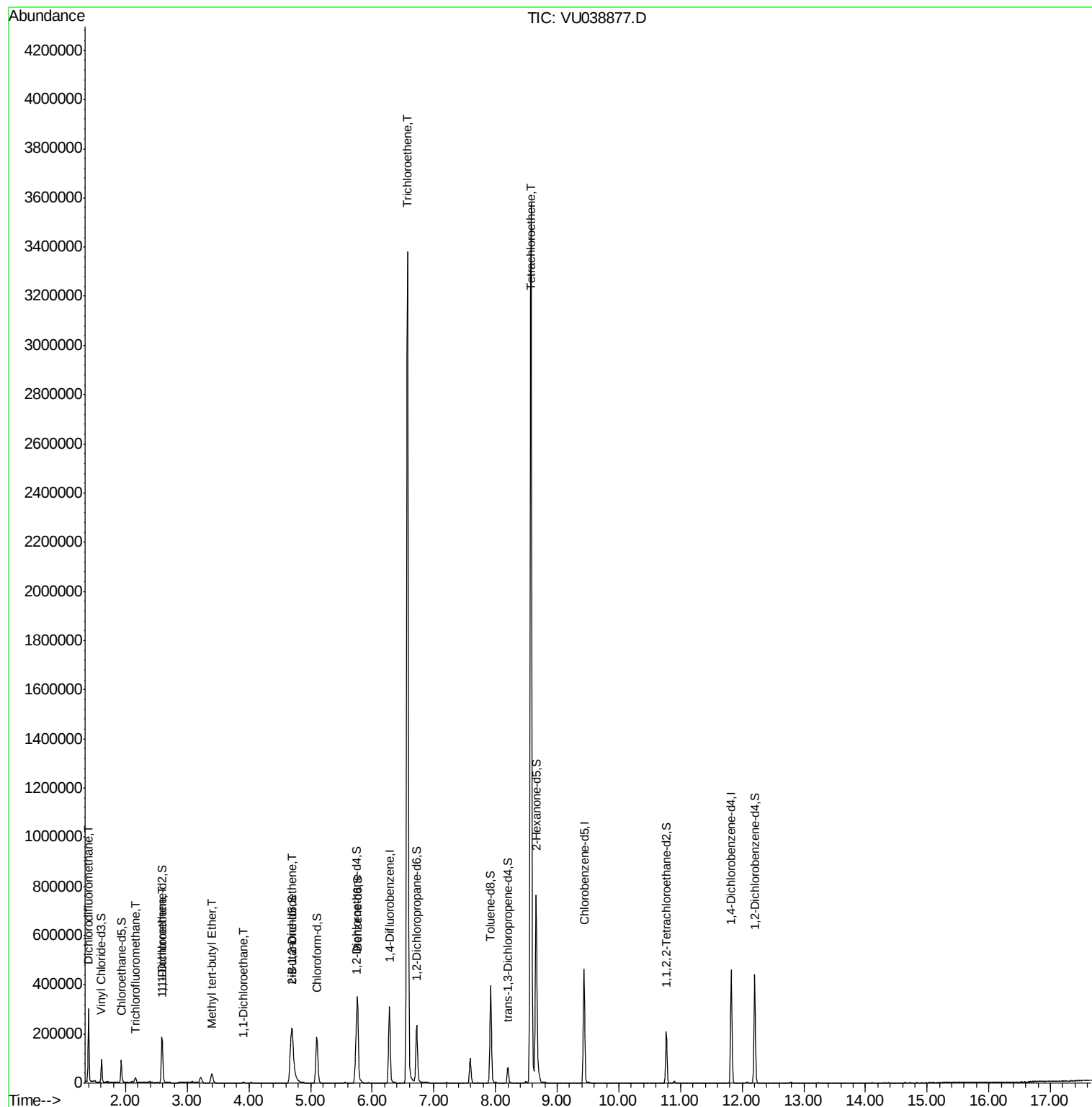
					Ovalue
2) Dichlorodifluoromethane	1.39	85	101082	4.114 ug/L	99
9) Trichlorofluoromethane	2.16	101	11296	0.353 ug/L	100
12) 1,1-Dichloroethene	2.61	96	6387	0.362 ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	42022	0.923 ug/L	98
19) 1,1-Dichloroethane	3.91	63	4544	0.133 ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	45995	2.328 ug/L	94
34) Trichloroethene	6.57	95	1138582	55.312 ug/L	98
47) Tetrachloroethene	8.57	164	801017	50.546 ug/L	99

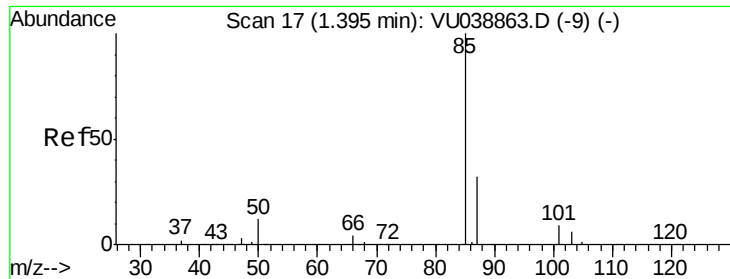
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.114 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038877.D

Acq: 13 Jun 2020 02:50

Instrument :

MSVOA_U

ClientSampleId :

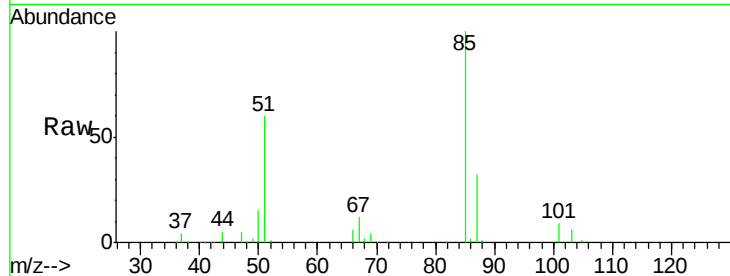
BFT72

Tot Ion: 85 Resp: 101082

Ion Ratio Lower Upper

85 100

87 31.6 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU038863.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU038863.D (-9) (-)

1.39

100000

80000

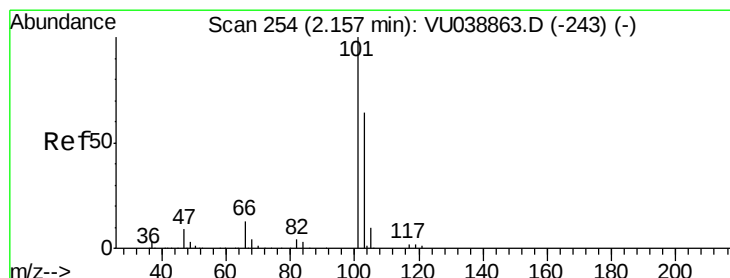
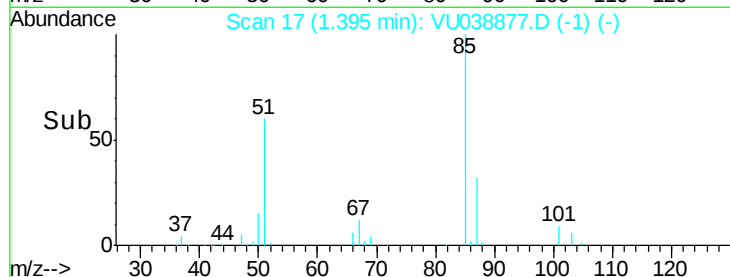
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 0.353 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU038877.D

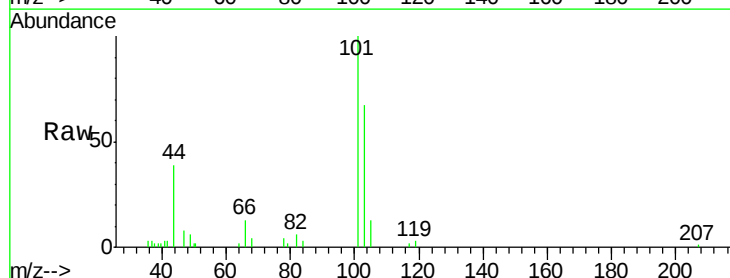
Acq: 13 Jun 2020 02:50

Tgt Ion: 101 Resp: 11296

Ion Ratio Lower Upper

101 100

103 64.0 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VU038863.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU038863.D (-243) (-)

2.16

8000

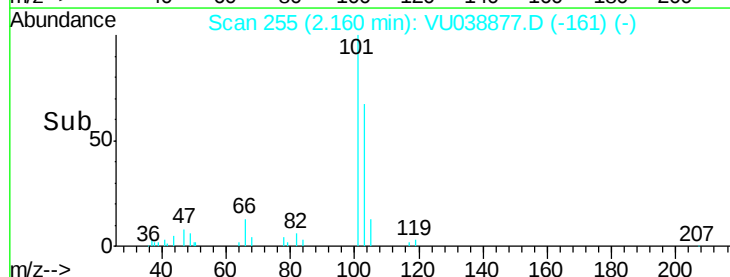
6000

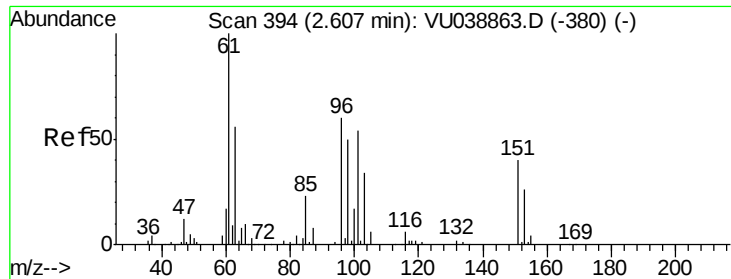
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.362 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038877.D

Acq: 13 Jun 2020 02:50

Instrument :

MSVOA_U

ClientSampleId :

BFT72

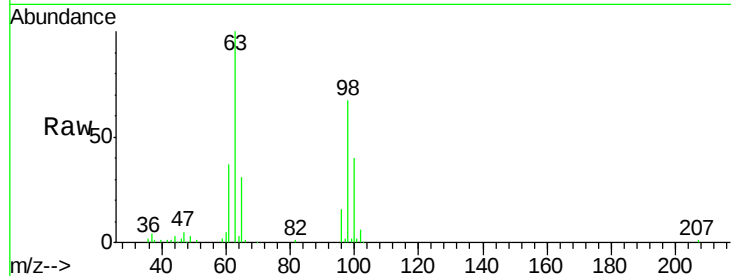
Tot Ion: 96 Resp: 6387

Ion Ratio Lower Upper

96 100

61 237.6 120.2 223.2#

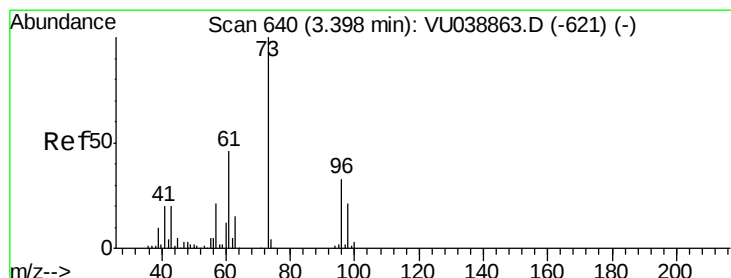
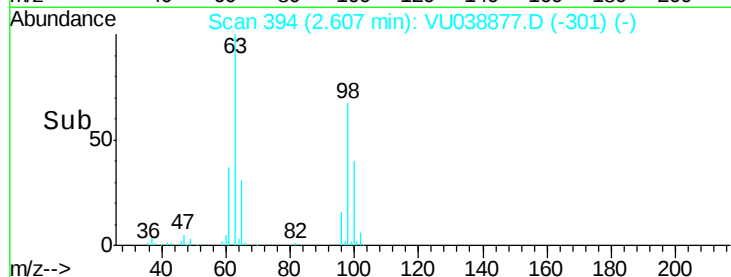
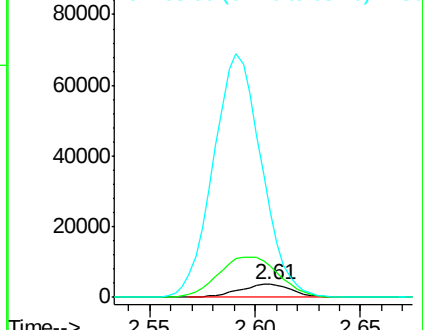
63 642.3 90.1 167.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#17

Methyl tert-butyl Ether

Concen: 0.923 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038877.D

Acq: 13 Jun 2020 02:50

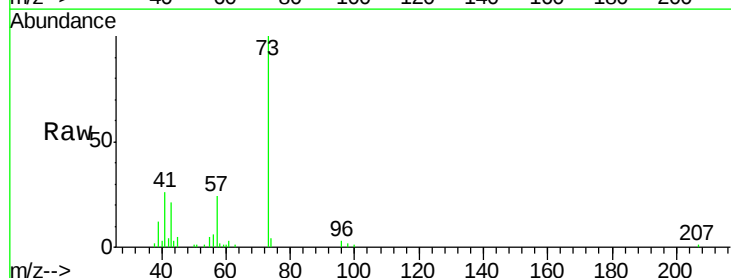
Tgt Ion: 73 Resp: 42022

Ion Ratio Lower Upper

73 100

43 21.0 15.9 23.9

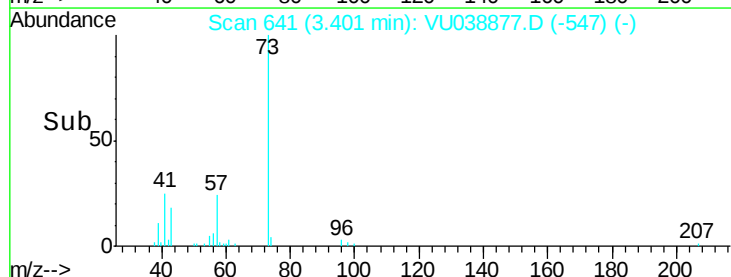
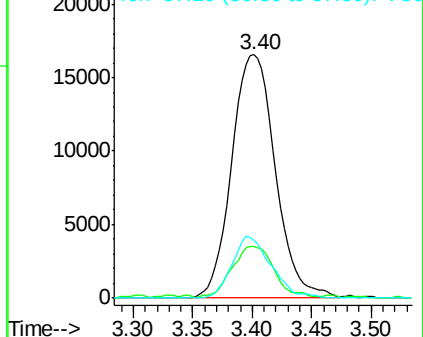
57 22.7 17.5 26.3

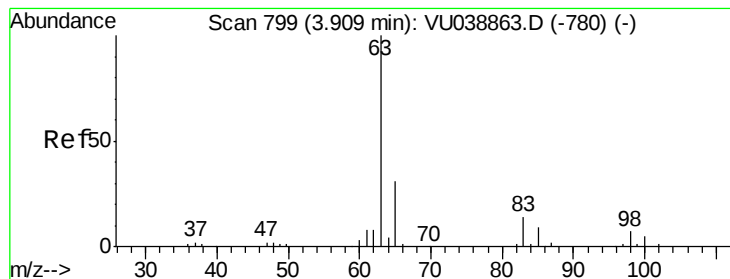


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU038877.D

Acq: 13 Jun 2020 02:50

Instrument :

MSVOA_U

ClientSampleId :

BFT72

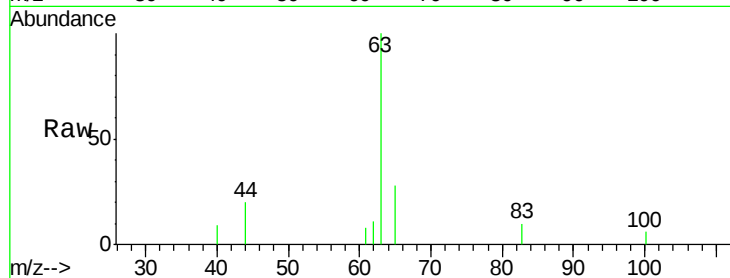
Tot Ion: 63 Resp: 4544

Ion Ratio Lower Upper

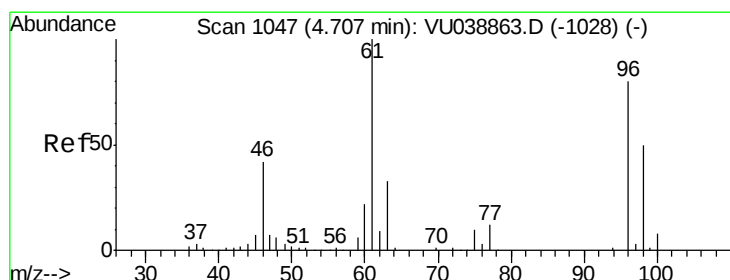
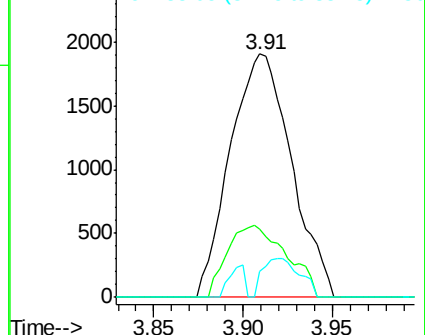
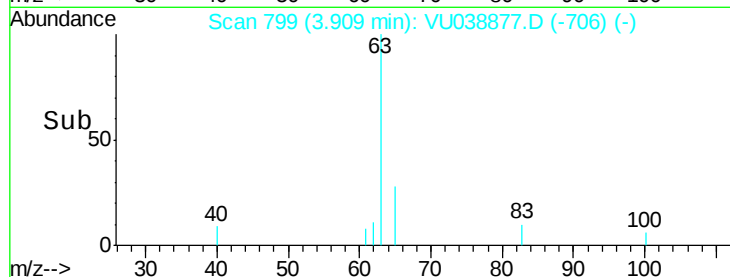
63 100

65 28.1 22.3 41.5

83 10.4 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VU038877.D (-706) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.328 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038877.D

Acq: 13 Jun 2020 02:50

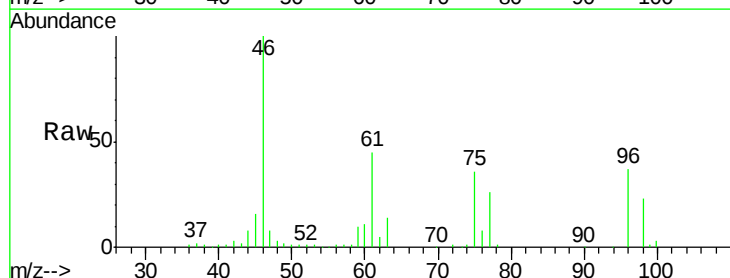
Tgt Ion: 96 Resp: 45995

Ion Ratio Lower Upper

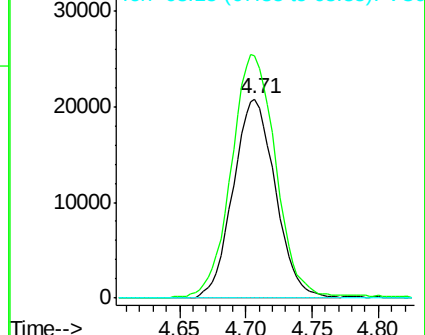
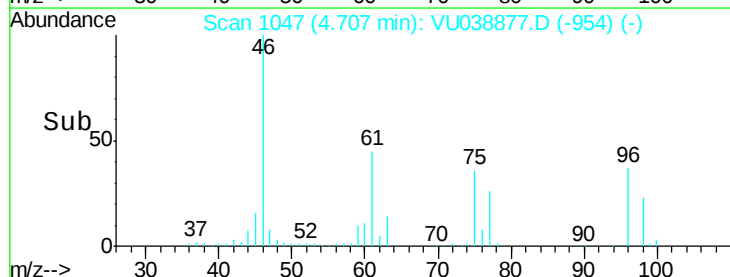
96 100

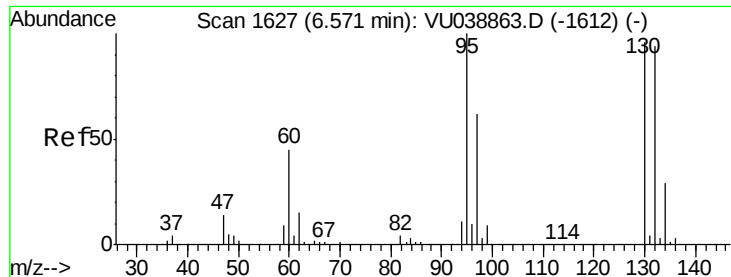
61 121.7 89.7 166.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038877.D (-954) (-)



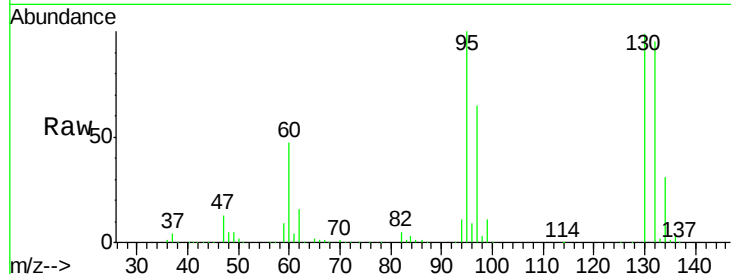


#34
 Trichloroethene
 Concen: 55.312 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038877.D
 Acq: 13 Jun 2020 02:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT72

Tot Ion: 95 Resp: 1138582

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.1	85.5
132	95.2	67.5	125.3
130	99.5	66.7	123.9

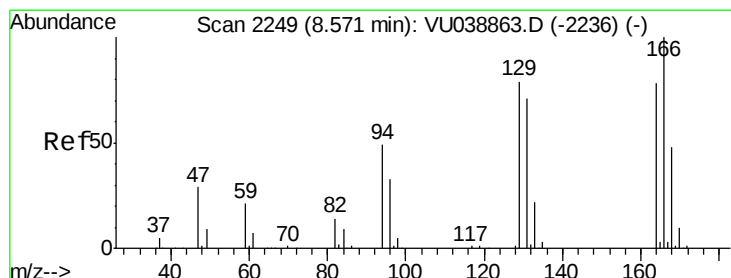
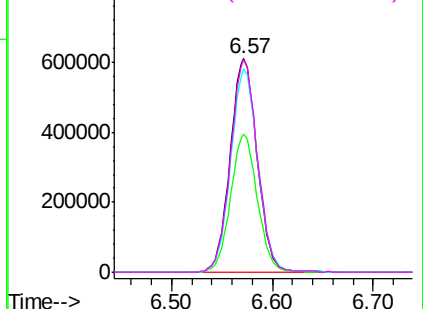
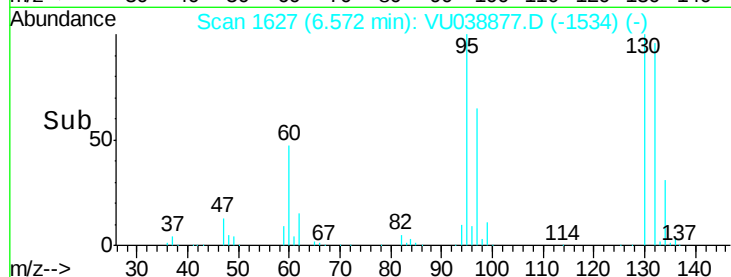


Abundance Ion 95.00 (94.70 to 95.70): VU038877.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038877.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038877.D (-1534) (-)

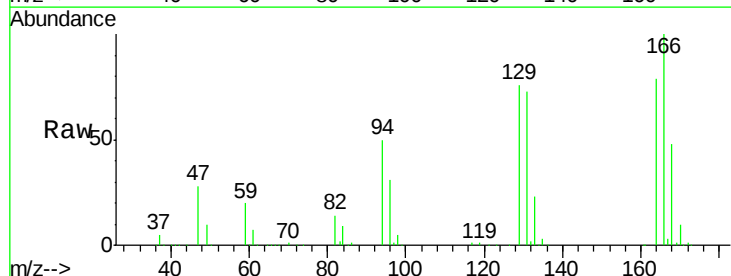
Ion 129.95 (129.65 to 130.65): VU038877.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 50.546 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038877.D
 Acq: 13 Jun 2020 02:50

Tgt Ion: 164 Resp: 801017

Ion	Ratio	Lower	Upper
164	100		
129	95.8	67.3	124.9
131	92.1	65.0	120.6
166	126.7	91.0	169.0



Abundance Ion 163.90 (163.60 to 164.60): VU038877.D (-2156) (-)

Ion 128.95 (128.65 to 129.65): VU038877.D (-2156) (-)

Ion 130.95 (130.65 to 131.65): VU038877.D (-2156) (-)

Ion 165.90 (165.60 to 166.60): VU038877.D (-2156) (-)

