

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041790.D
 Acq On : 23 Dec 2020 18:33
 Operator : SY/MD
 Sample : L5185-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S1

Quant Time: Dec 24 04:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36447	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	39098	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	59923	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	159890	57.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.06%
24) Chloroform-d	5.08	84	88482	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.72	65	48069	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	156722	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	53885	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.90	98	128317	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	20234	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	131085	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50737	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45605	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

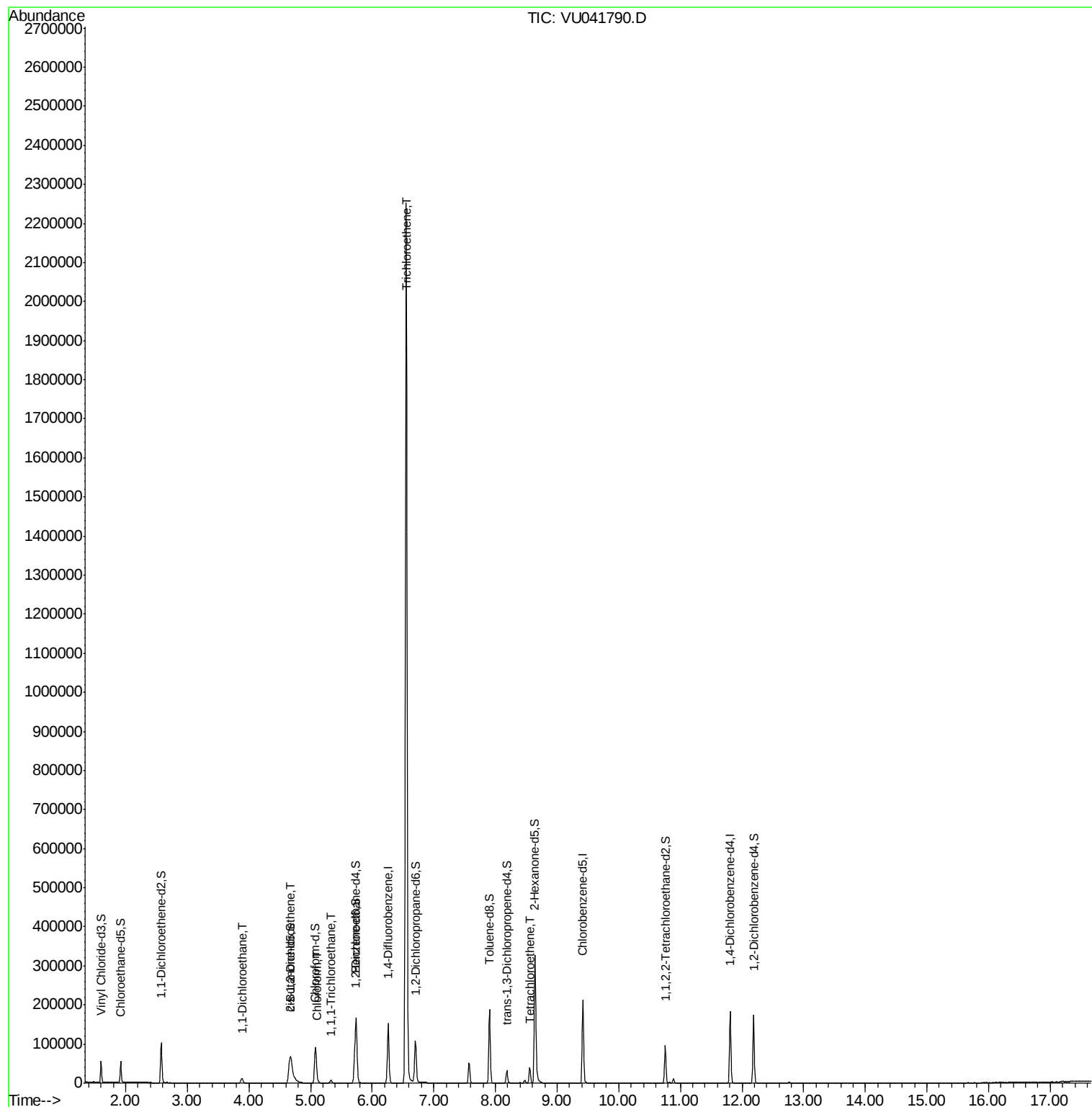
					Ovalue
19) 1,1-Dichloroethane	3.89	63	14758	0.901 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	8610	0.889 ug/L	97
25) Chloroform	5.11	83	7463	0.453 ug/L	85
29) 1,1,1-Trichloroethane	5.33	97	5122	0.361 ug/L	97
34) Trichloroethene	6.55	95	789971	79.633 ug/L	98
47) Tetrachloroethene	8.56	164	8803	1.268 ug/L	94

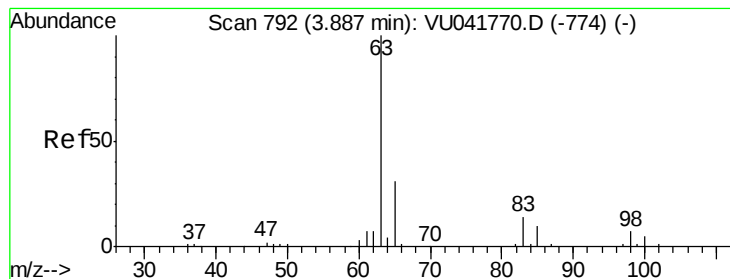
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122320\
Data File : VU041790.D
Acq On : 23 Dec 2020 18:33
Operator : SY/MD
Sample : L5185-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG4S1

Quant Time: Dec 24 04:20:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

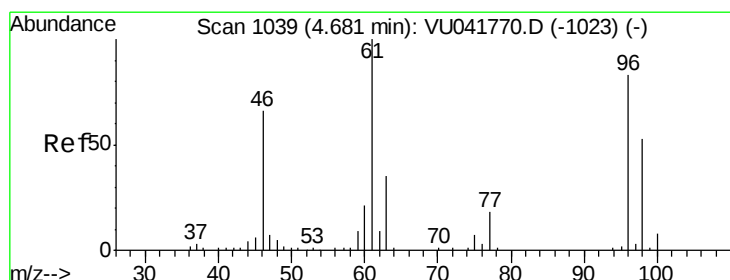
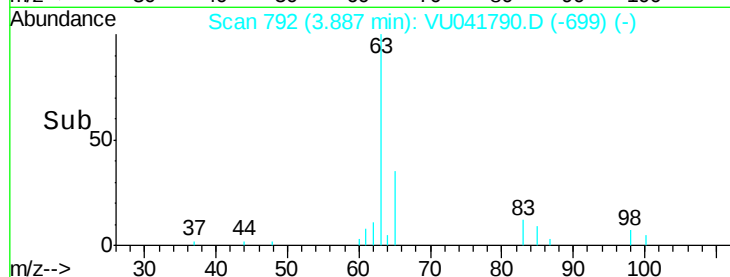
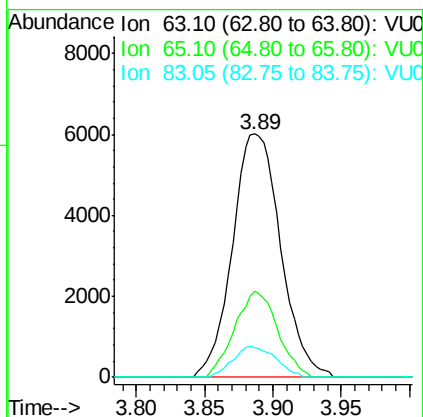
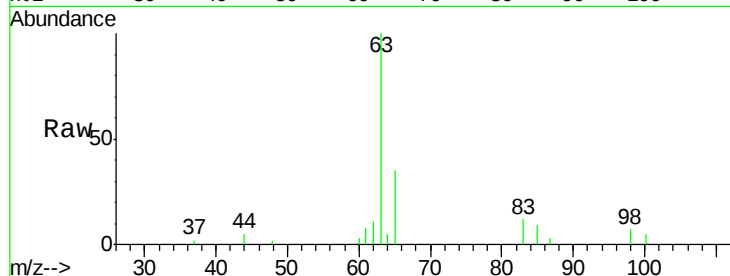




#19
 1,1-Dichloroethane
 Concen: 0.901 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU041790.D
 Acq: 23 Dec 2020 18:33

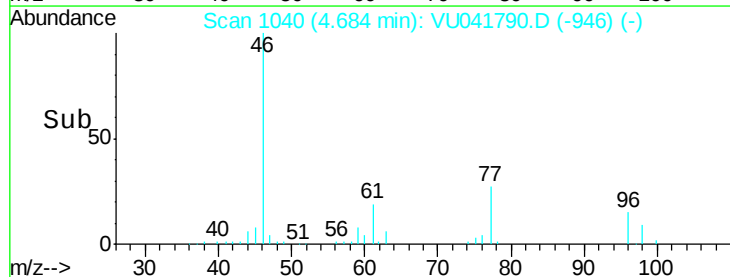
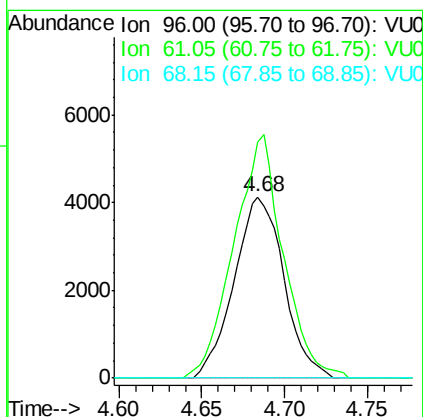
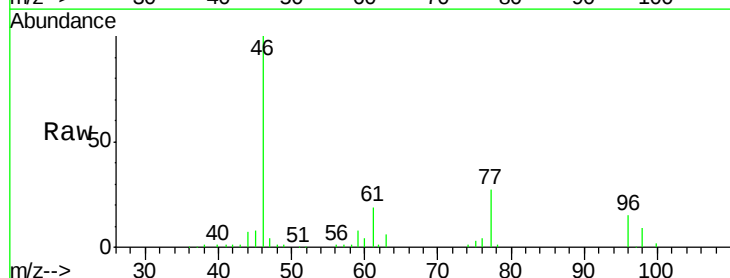
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S1

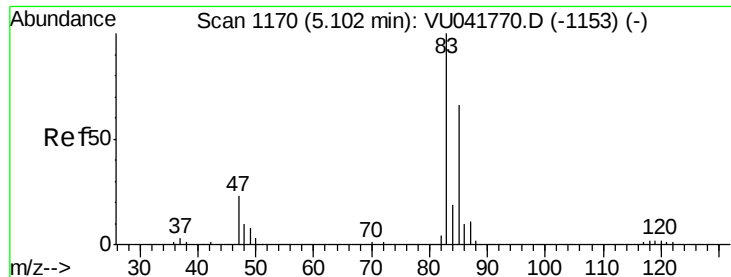
Tot Ion: 63 Resp: 14758
 Ion Ratio Lower Upper
 63 100
 65 35.3 21.3 39.6
 83 12.4 9.3 17.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.889 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041790.D
 Acq: 23 Dec 2020 18:33

Tgt Ion: 96 Resp: 8610
 Ion Ratio Lower Upper
 96 100
 61 130.7 88.8 165.0
 68 0.0 0.0 0.0

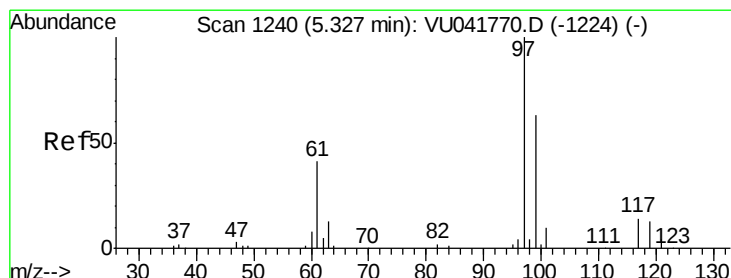
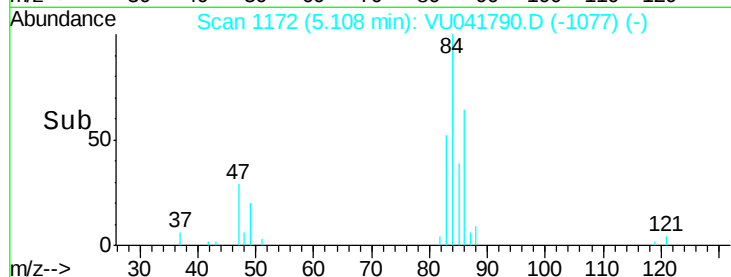
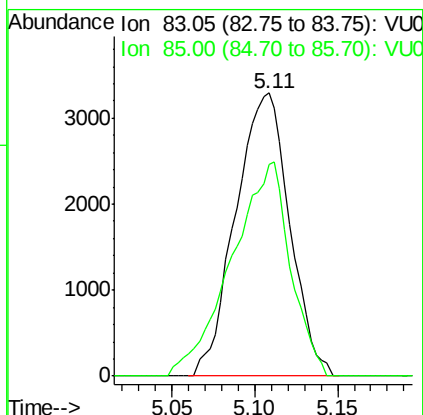
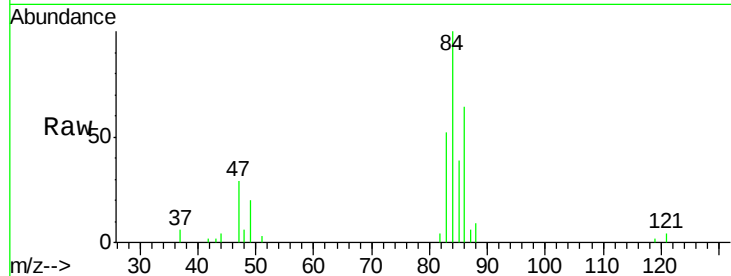




#25
Chloroform
Concen: 0.453 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041790.D
Acq: 23 Dec 2020 18:33

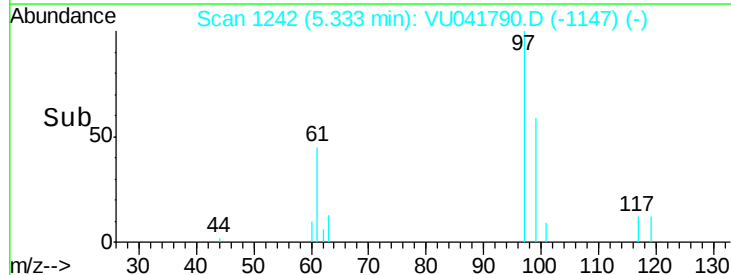
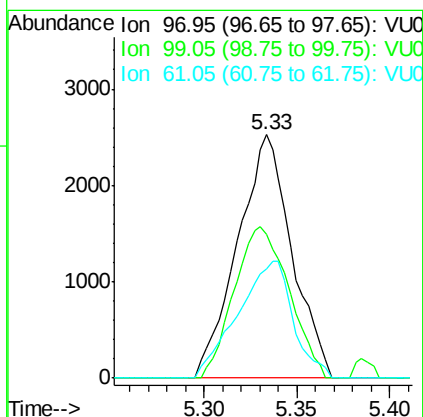
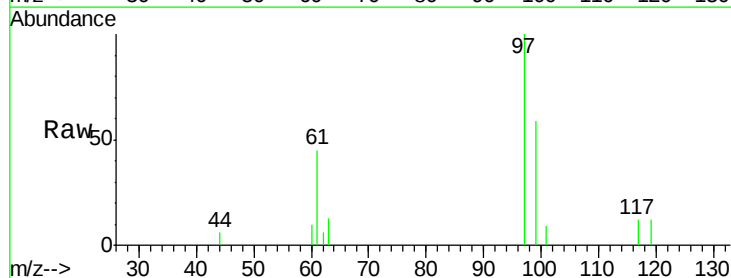
Instrument :
MSVOA_U
ClientSampleId :
BG4S1

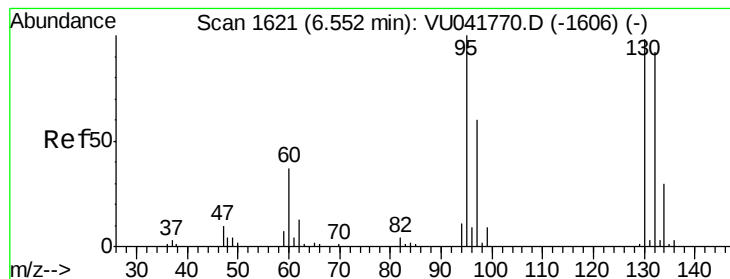
Tot Ion: 83 Resp: 7463
Ion Ratio Lower Upper
83 100
85 74.8 44.2 82.0



#29
1,1,1-Trichloroethane
Concen: 0.361 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VU041790.D
Acq: 23 Dec 2020 18:33

Tgt Ion: 97 Resp: 5122
Ion Ratio Lower Upper
97 100
99 62.7 51.3 76.9
61 49.1 36.5 54.7





#34

Trichloroethene

Concen: 79.633 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041790.D

Acq: 23 Dec 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

BG4S1

Tot Ion: 95 Resp: 789971

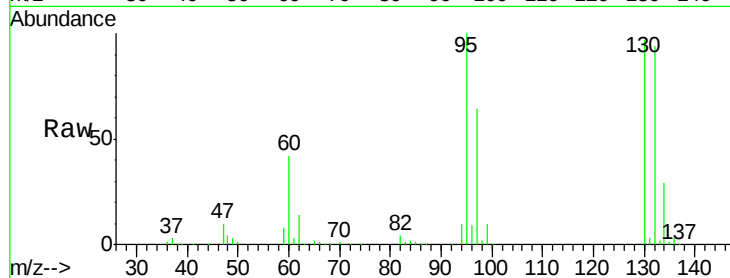
Ion Ratio Lower Upper

95 100

97 63.8 43.9 81.5

132 94.1 63.1 117.3

130 96.6 67.4 125.2

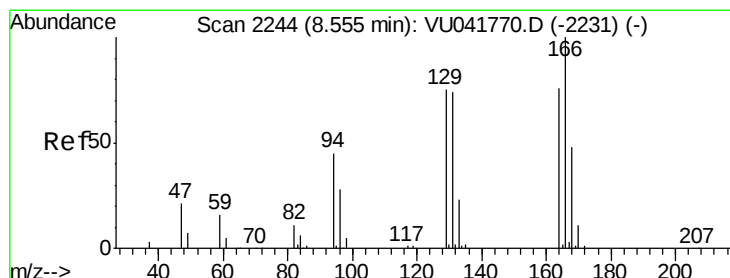
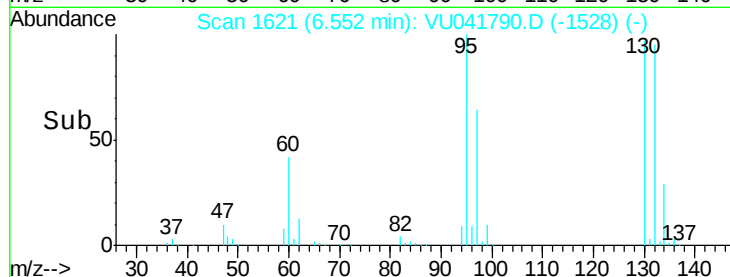
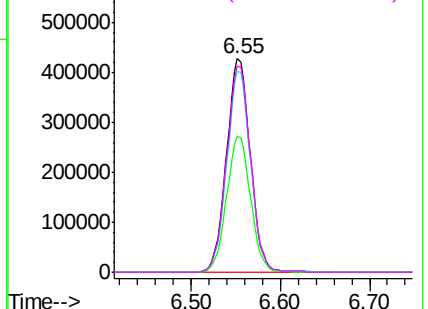


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.268 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041790.D

Acq: 23 Dec 2020 18:33

Tgt Ion: 164 Resp: 8803

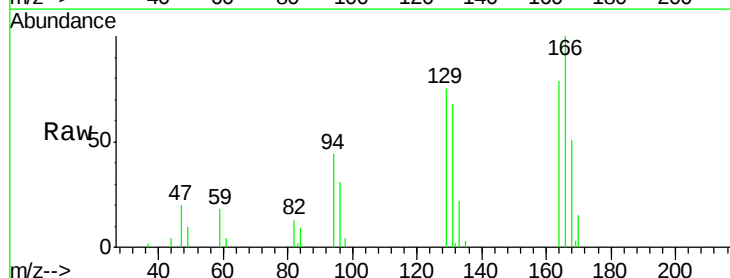
Ion Ratio Lower Upper

164 100

129 94.7 72.2 134.0

131 85.8 66.9 124.3

166 126.4 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

