

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041700.D
 Acq On : 21 Dec 2020 14:49
 Operator : SY/MD
 Sample : L5148-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2MS

Quant Time: Dec 22 03:45:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45910	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.92	69	42859	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.58	63	88630	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.67	46	198795	66.27	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.54%#
24) Chloroform-d	5.08	84	92879	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	59647	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.74	84	195789	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	58407	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	153519	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	24845	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	185012	63.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56917	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	61413	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

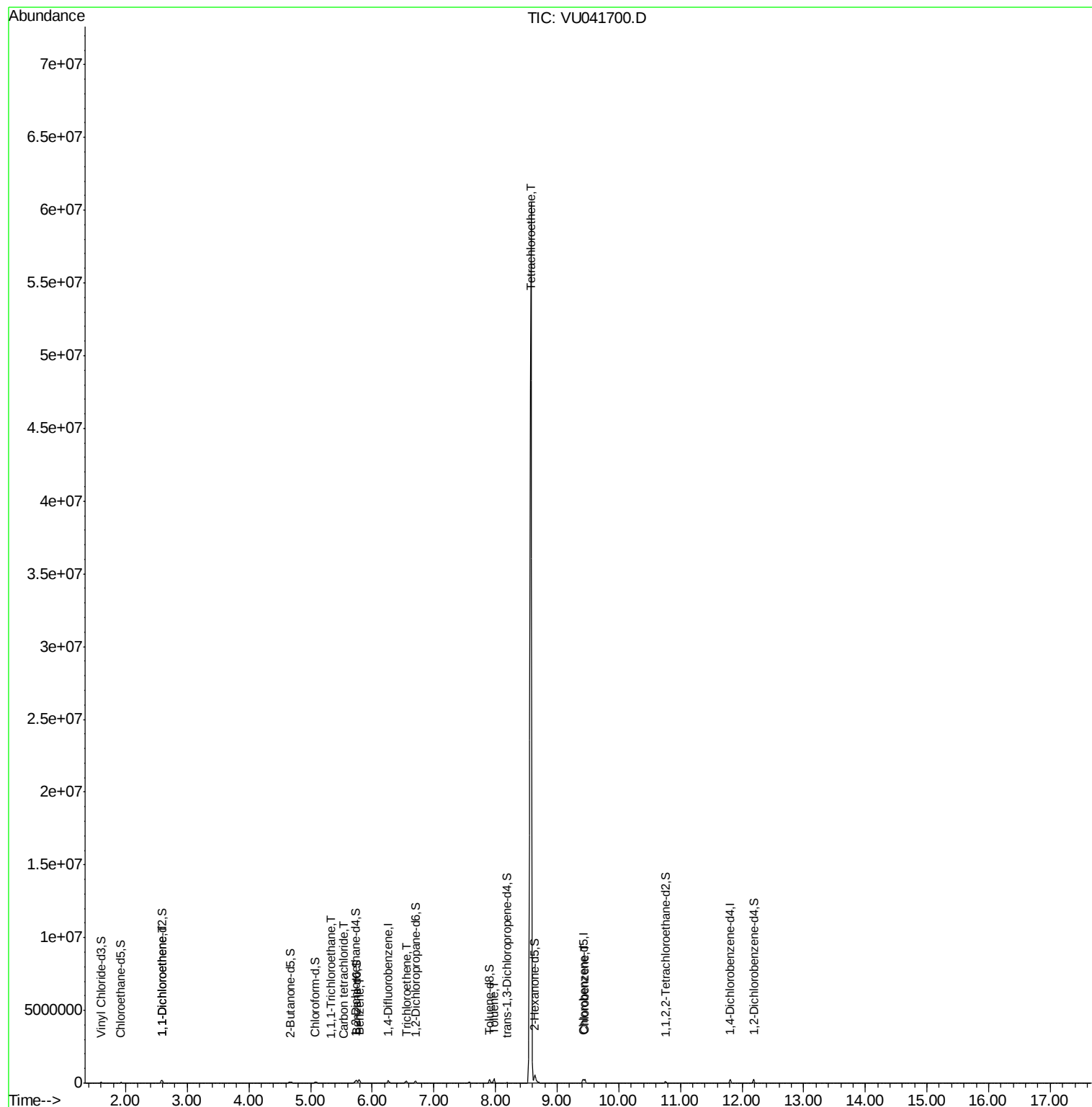
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	45167	4.984	ug/L	93
29) 1,1,1-Trichloroethane	5.33	97	1999	0.132	ug/L	95
31) Carbon tetrachloride	5.54	117	1394	0.107	ug/L	93
33) Benzene	5.79	78	225400	5.352	ug/L	100
34) Trichloroethene	6.55	95	52836	4.992	ug/L	98
42) Toluene	7.98	91	215484	4.956	ug/L	100
47) Tetrachloroethene	8.57	164	14351648	1937.141	ug/L	90
51) Chlorobenzene	9.45	112	142702	5.280	ug/L	99

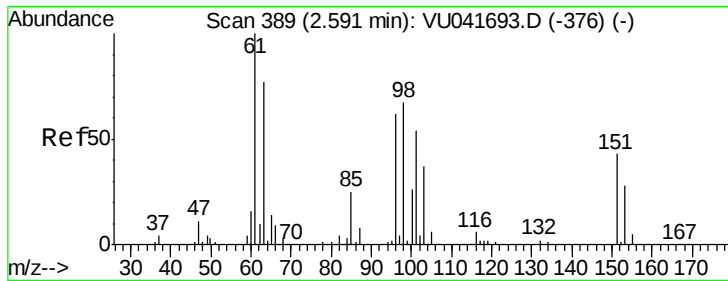
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041700.D
Acq On : 21 Dec 2020 14:49
Operator : SY/MD
Sample : L5148-02MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB1T2MS

Quant Time: Dec 22 03:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration

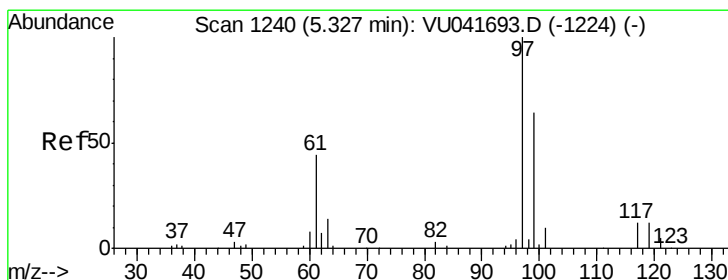
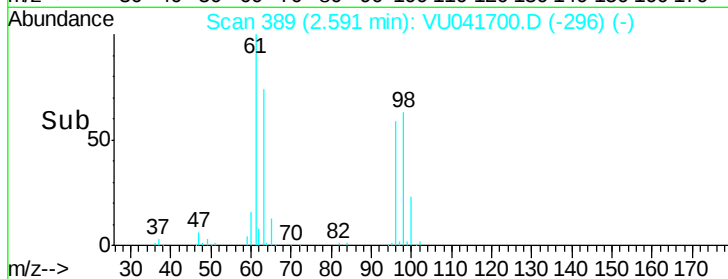
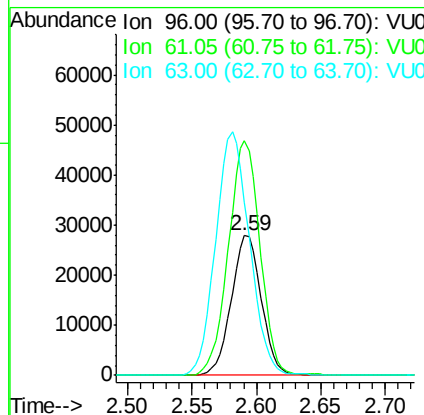
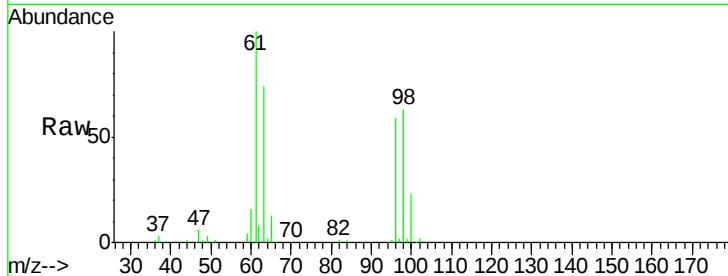




#12
 1,1-Dichloroethene
 Concen: 4.984 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU041700.D
 Acq: 21 Dec 2020 14:49

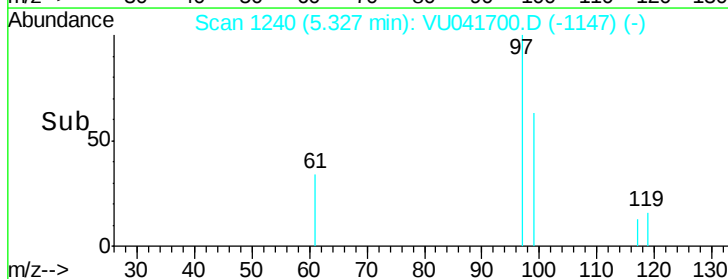
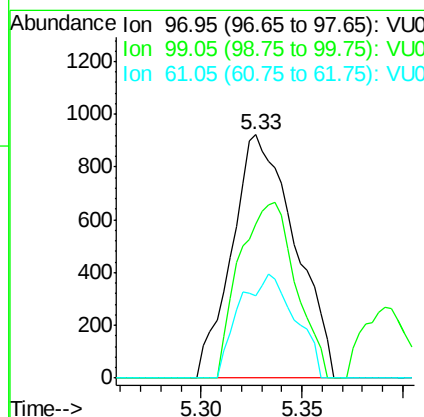
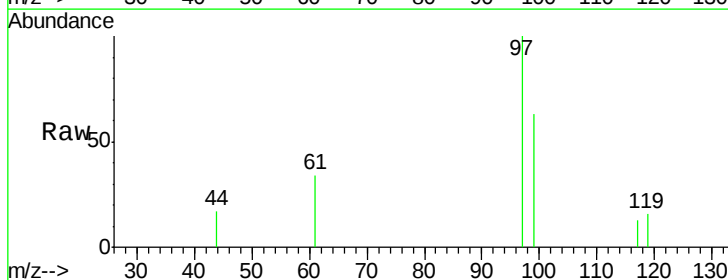
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2MS

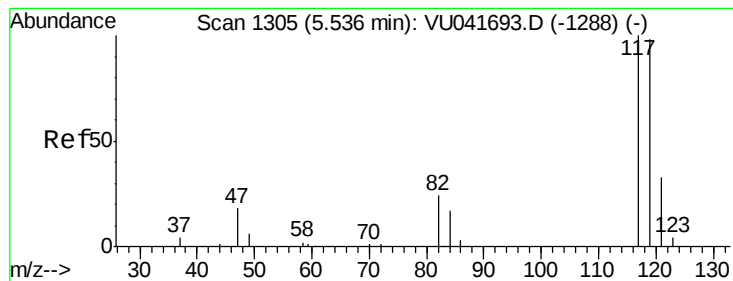
Tot Ion: 96 Resp: 45167
 Ion Ratio Lower Upper
 96 100
 61 168.3 123.8 230.0
 63 123.8 81.0 150.4



#29
 1,1,1-Trichloroethane
 Concen: 0.132 ug/L
 RT: 5.33 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VU041700.D
 Acq: 21 Dec 2020 14:49

Tgt Ion: 97 Resp: 1999
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.3 76.9
 61 38.0 36.5 54.7





#31

Carbon tetrachloride

Concen: 0.107 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.01 min

Lab File: VU041700.D

Acq: 21 Dec 2020 14:49

Instrument :

MSVOA_U

ClientSampleId :

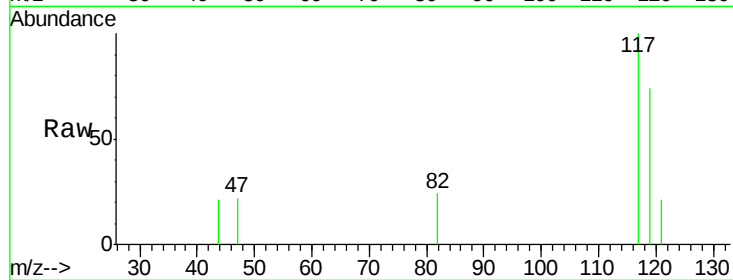
GB1T2MS

Tot Ion:117 Resp: 1394

Ion Ratio Lower Upper

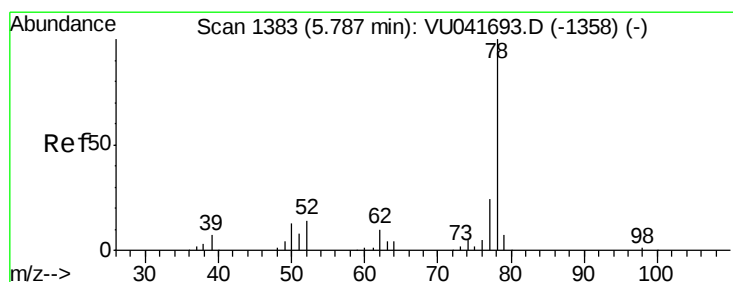
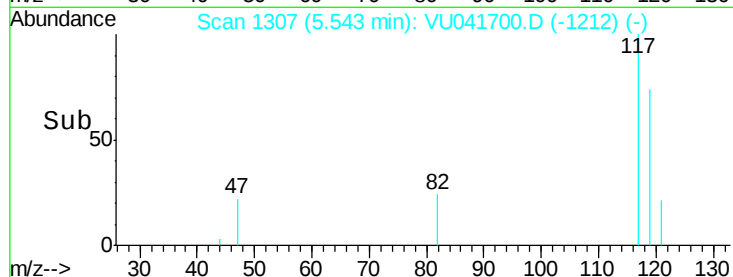
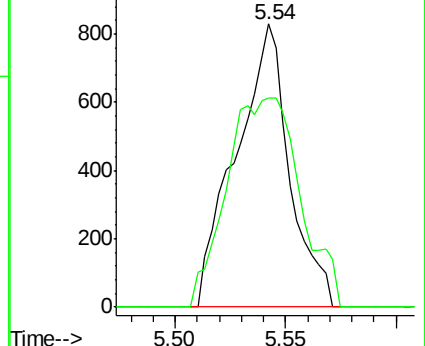
117 100

119 102.1 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.352 ug/L

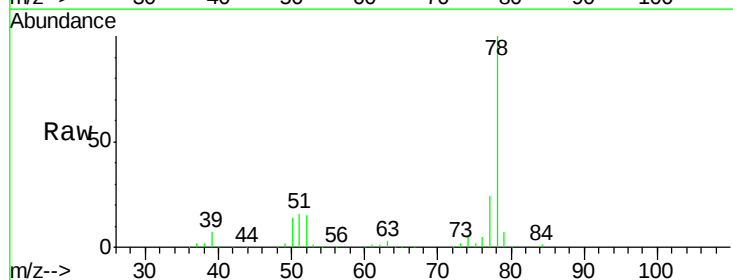
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

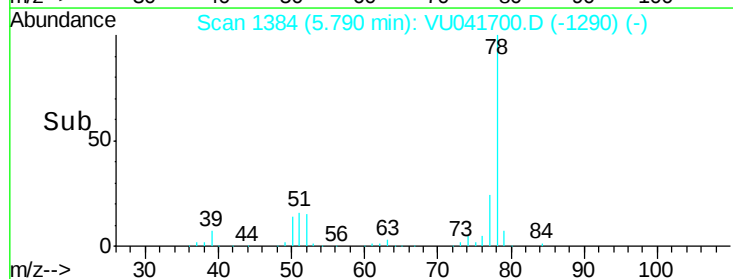
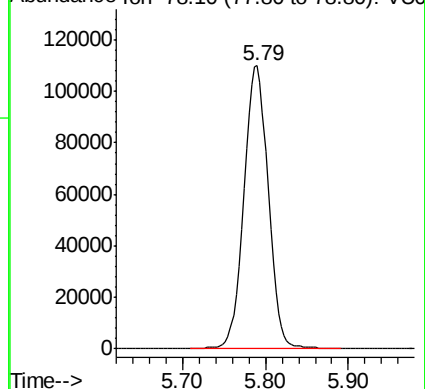
Lab File: VU041700.D

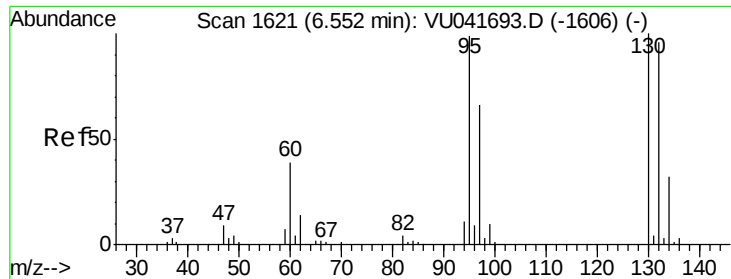
Acq: 21 Dec 2020 14:49

Tgt Ion: 78 Resp: 225400



Abundance Ion 78.10 (77.80 to 78.80): VU0

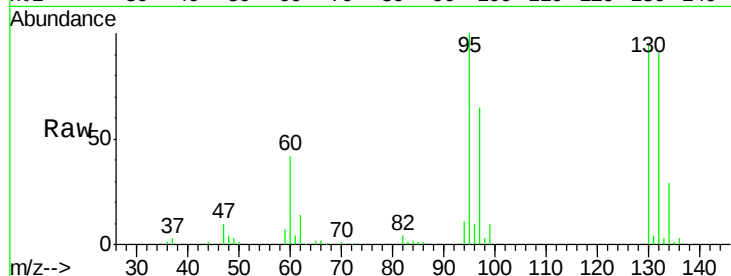




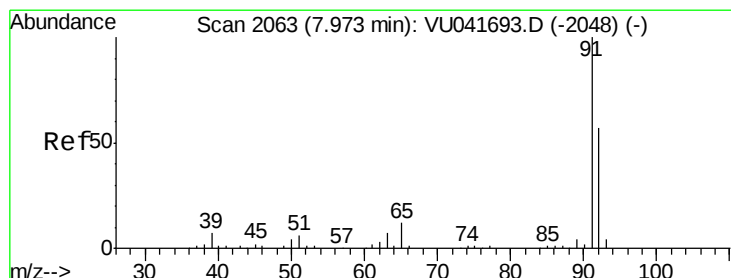
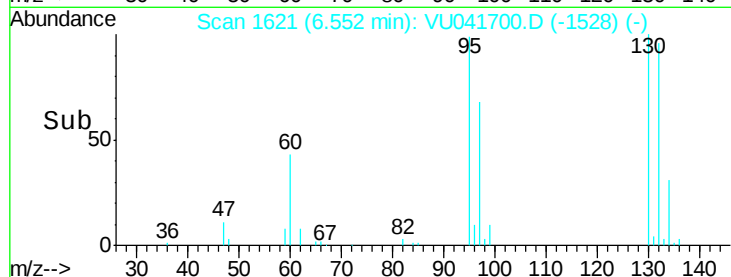
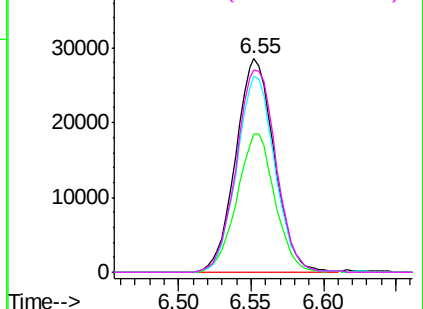
#34
 Trichloroethene
 Concen: 4.992 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041700.D
 Acq: 21 Dec 2020 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2MS

Tot Ion: 95 Resp: 52836
 Ion Ratio Lower Upper
 95 100
 97 64.5 43.9 81.5
 132 91.4 63.1 117.3
 130 94.8 67.4 125.2

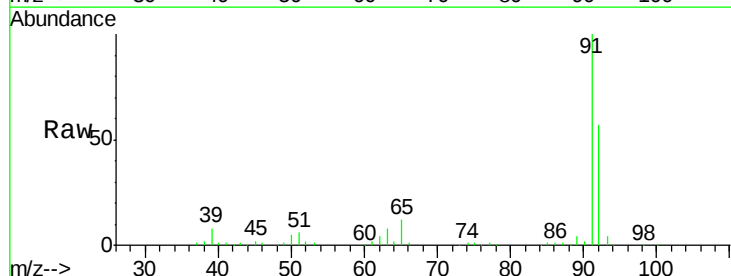


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

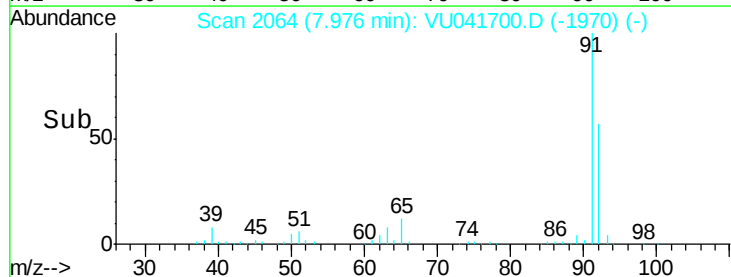
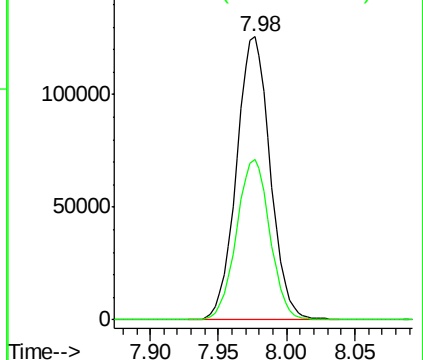


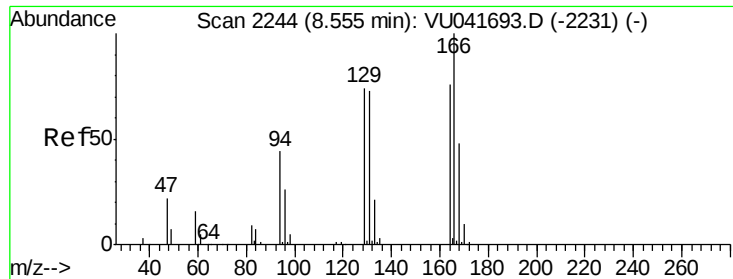
#42
 Toluene
 Concen: 4.956 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041700.D
 Acq: 21 Dec 2020 14:49

Tgt Ion: 91 Resp: 215484
 Ion Ratio Lower Upper
 91 100
 92 56.8 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1937.141 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VU041700.D

Acq: 21 Dec 2020 14:49

Instrument :

MSVOA_U

ClientSampleId :

GB1T2MS

Tot Ion:164 Resp:14351648

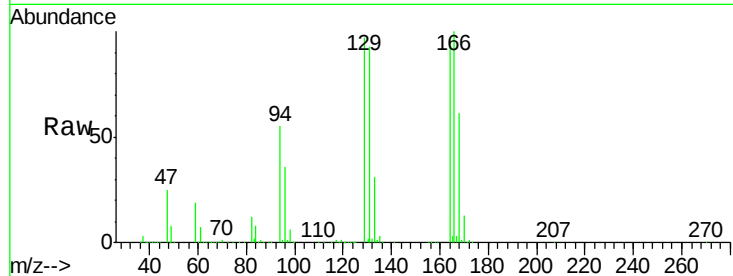
Ion Ratio Lower Upper

164 100

129 99.6 72.2 134.0

131 96.0 66.9 124.3

166 103.0 89.6 166.4

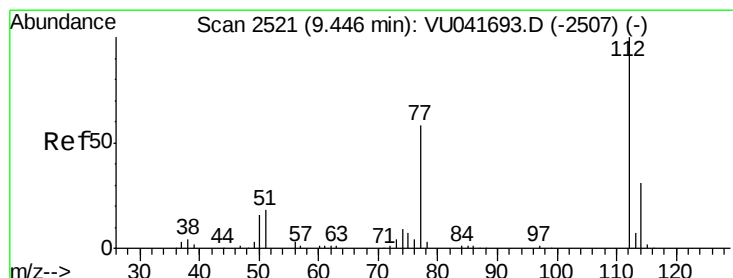
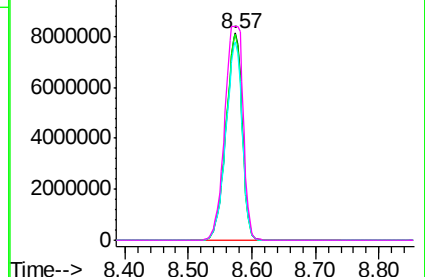
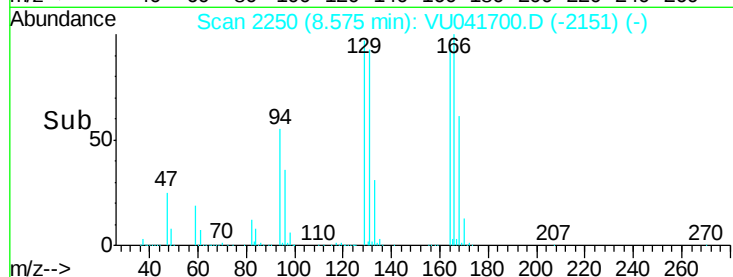


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Chlorobenzene

Concen: 5.280 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041700.D

Acq: 21 Dec 2020 14:49

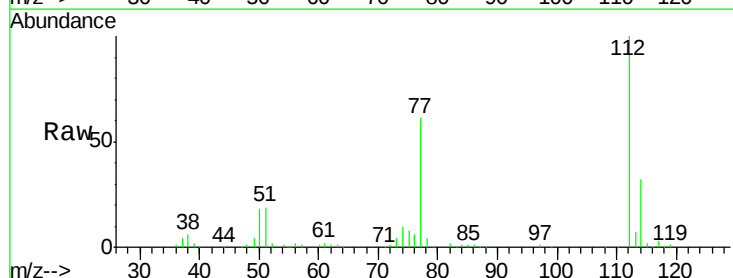
Tgt Ion:112 Resp: 142702

Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 60.9 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

