

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041701.D
 Acq On : 21 Dec 2020 15:13
 Operator : SY/MD
 Sample : L5148-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2MSD

Quant Time: Dec 22 03:51:24 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	126605	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45757	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.92	69	42984	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.58	63	87819	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.67	46	202499	71.22	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.44%#
24) Chloroform-d	5.08	84	91325	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.72	65	53965	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	177075	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	65922	5.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.60%
41) Toluene-d8	7.90	98	151204	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	25089	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.64	63	166971	60.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55577	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	57462	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

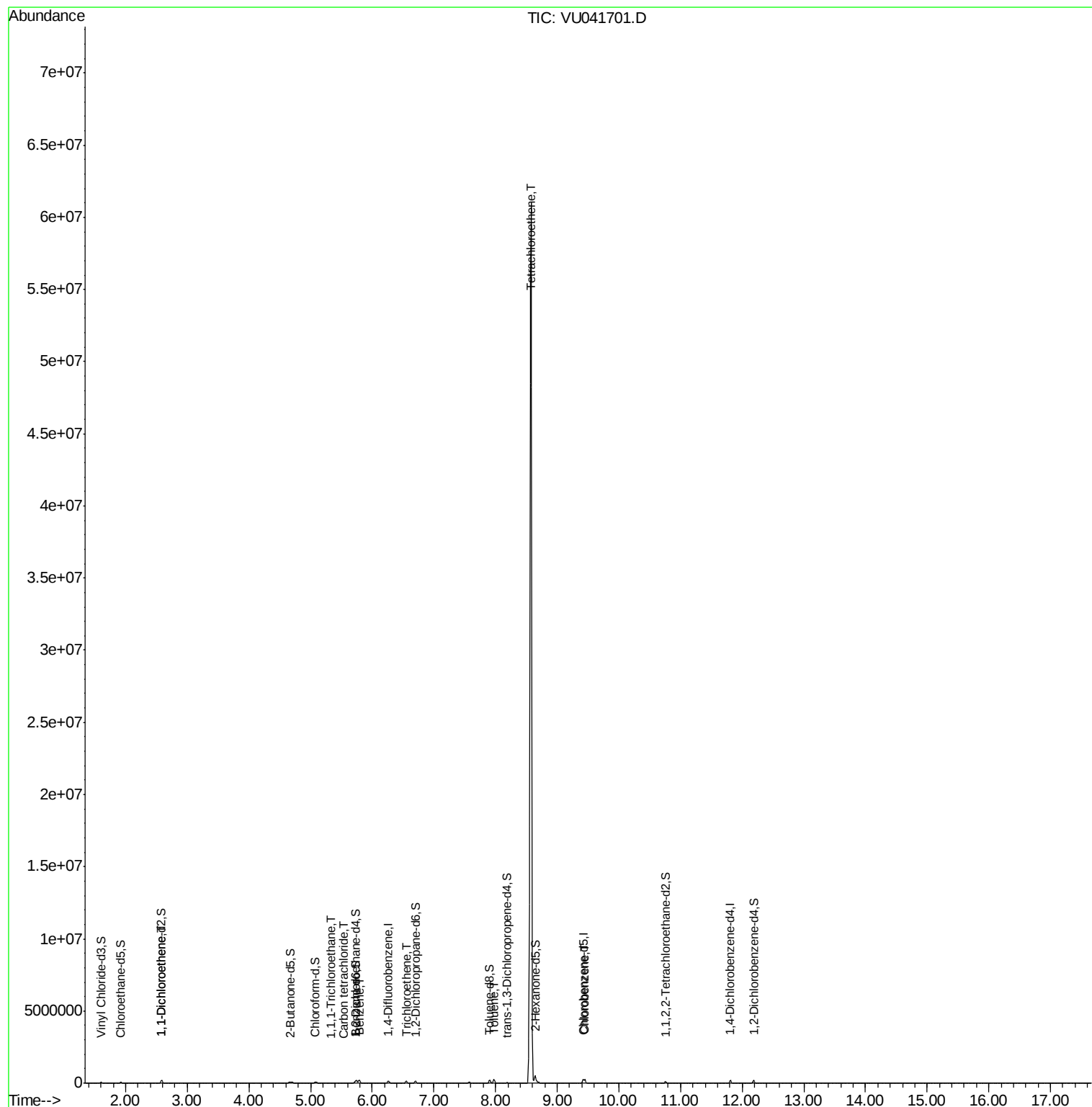
					Ovalue
12) 1,1-Dichloroethene	2.59	96	43545	5.070 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	1968	0.136 ug/L	94
31) Carbon tetrachloride	5.54	117	1321	0.106 ug/L #	80
33) Benzene	5.79	78	197945	4.917 ug/L	100
34) Trichloroethene	6.55	95	57038	5.638 ug/L	99
42) Toluene	7.98	91	204027	4.909 ug/L	99
47) Tetrachloroethene	8.57	164	14537500	2052.841 ug/L	90
51) Chlorobenzene	9.45	112	140416	5.435 ug/L	99

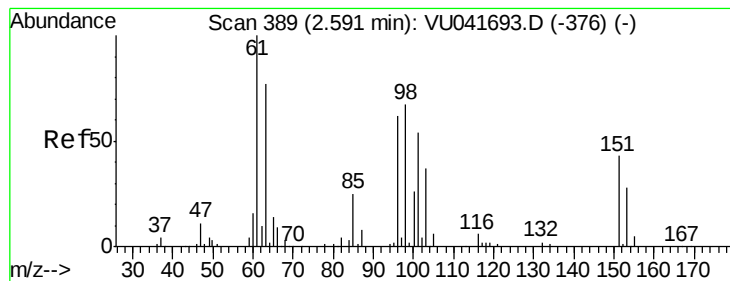
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.070 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

GB1T2MSD

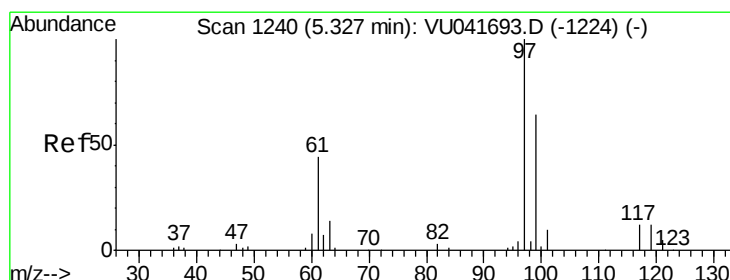
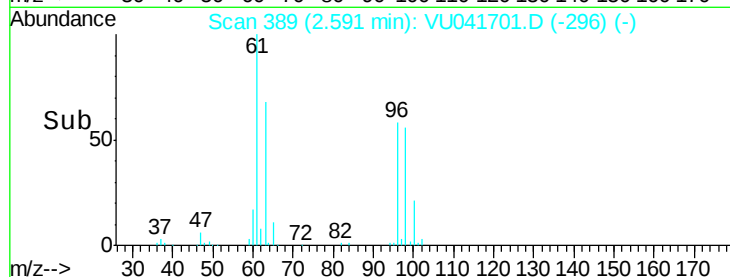
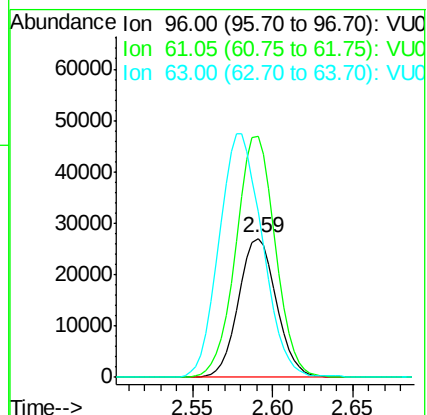
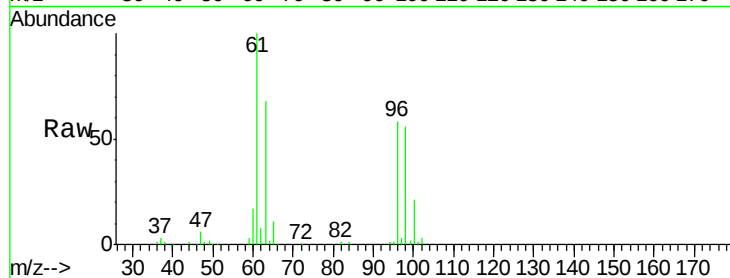
Tot Ion: 96 Resp: 43545

Ion Ratio Lower Upper

96 100

61 173.8 123.8 230.0

63 118.9 81.0 150.4



#29

1,1,1-Trichloroethane

Concen: 0.136 ug/L

RT: 5.33 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

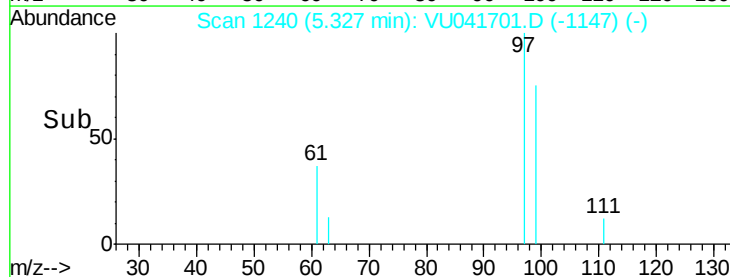
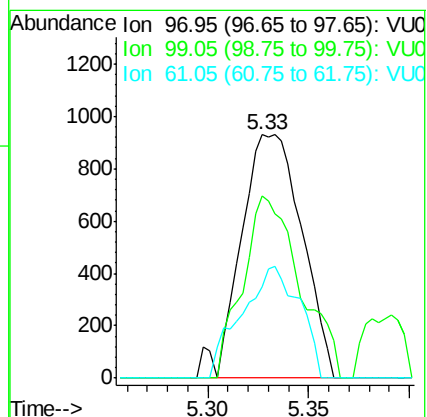
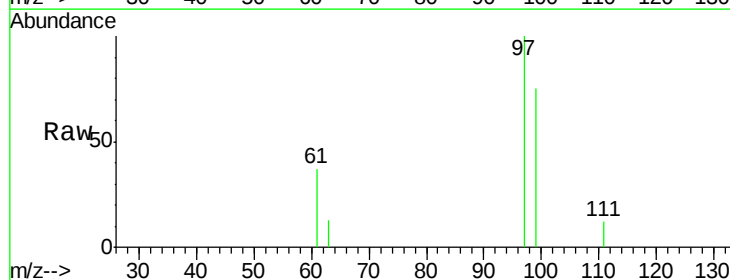
Tgt Ion: 97 Resp: 1968

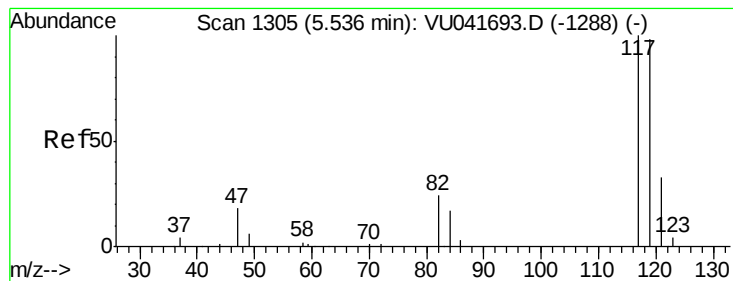
Ion Ratio Lower Upper

97 100

99 70.2 51.3 76.9

61 43.4 36.5 54.7





#31

Carbon tetrachloride

Concen: 0.106 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.01 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

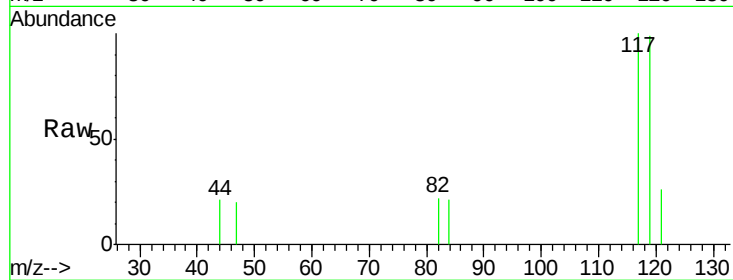
GB1T2MSD

Tot Ion:117 Resp: 1321

Ion Ratio Lower Upper

117 100

119 114.9 76.2 114.2#

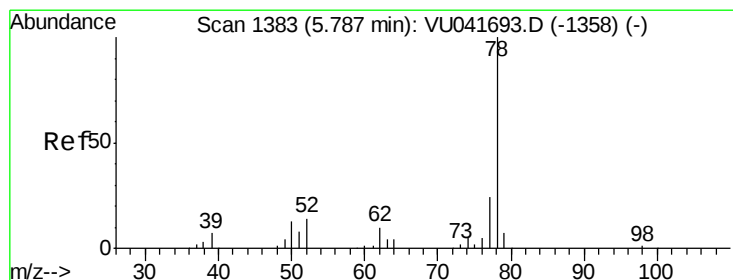
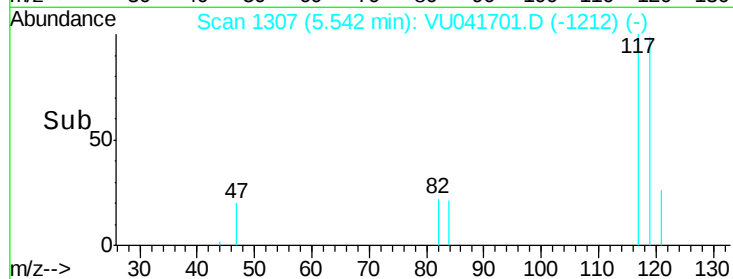


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

Time-->



#33

Benzene

Concen: 4.917 ug/L

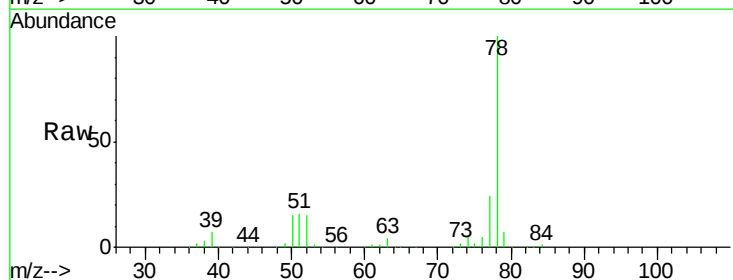
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

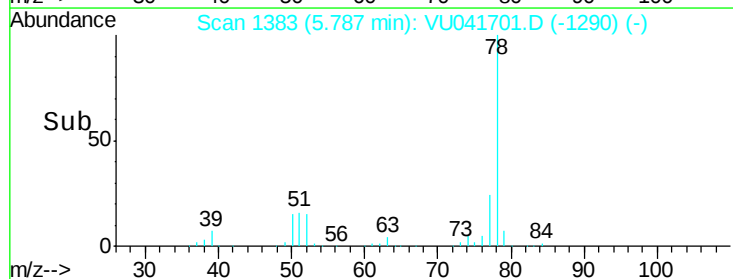
Tgt Ion: 78 Resp: 197945

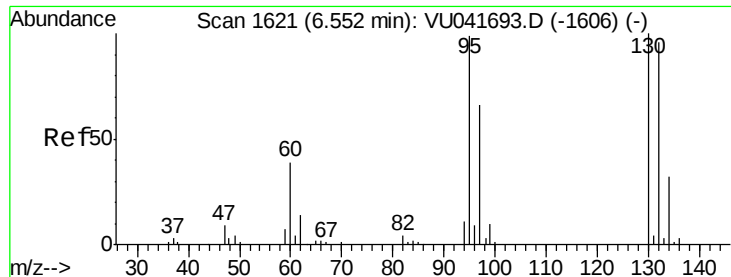


Abundance Ion 78.10 (77.80 to 78.80): VU0

5.79

Time-->

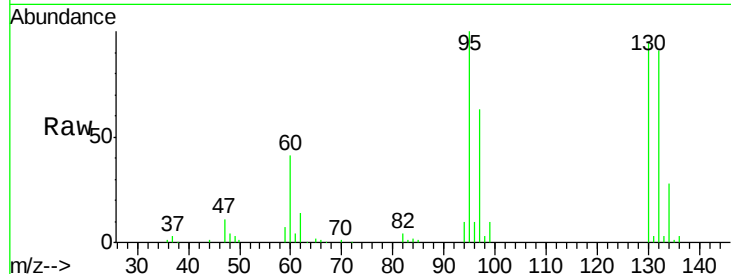




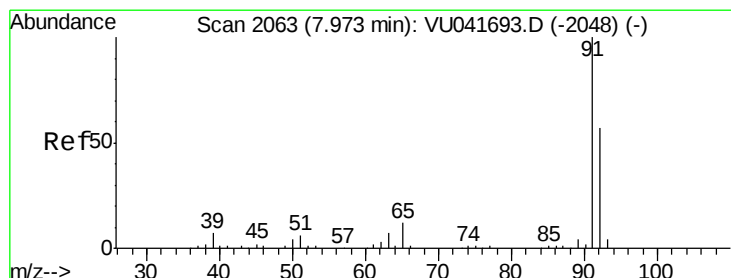
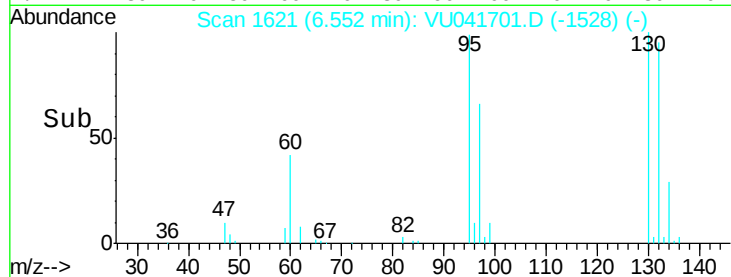
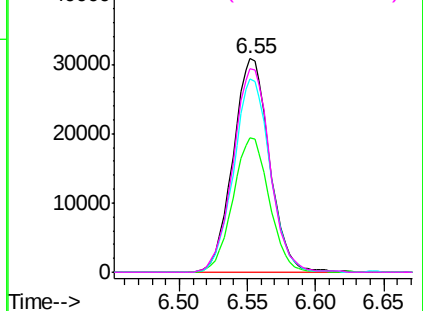
#34
 Trichloroethene
 Concen: 5.638 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041701.D
 Acq: 21 Dec 2020 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T2MSD

Tot Ion: 95 Resp: 57038
 Ion Ratio Lower Upper
 95 100
 97 63.0 43.9 81.5
 132 90.8 63.1 117.3
 130 95.2 67.4 125.2

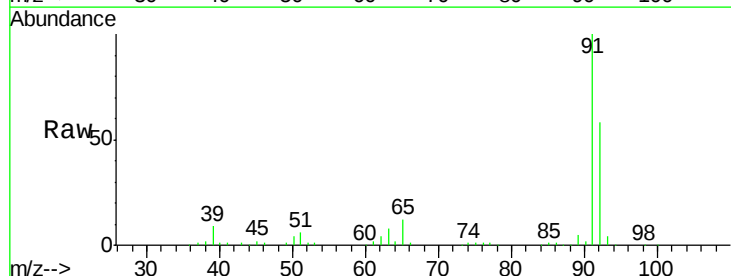


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

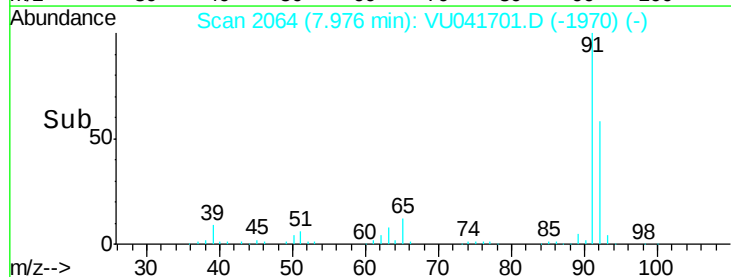
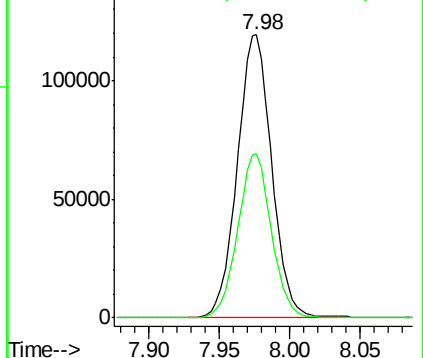


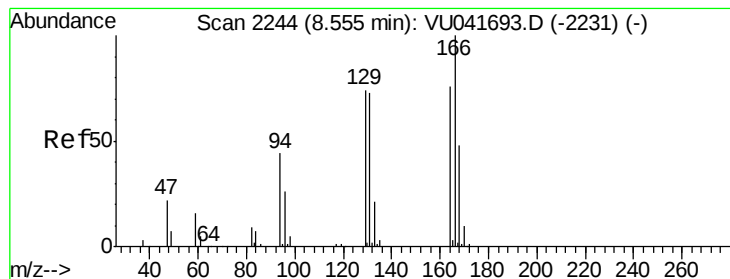
#42
 Toluene
 Concen: 4.909 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041701.D
 Acq: 21 Dec 2020 15:13

Tgt Ion: 91 Resp: 204027
 Ion Ratio Lower Upper
 91 100
 92 58.2 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: 2052.841 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.02 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

GB1T2MSD

Tot Ion:164 Resp:14537500

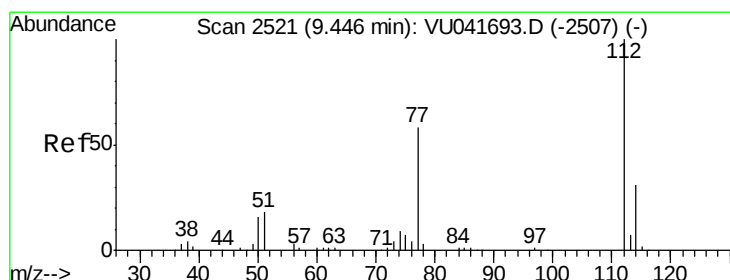
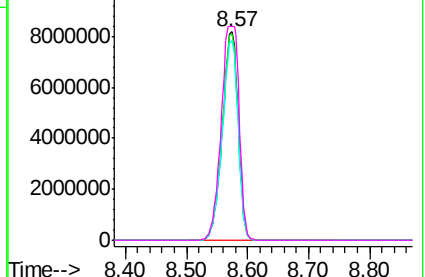
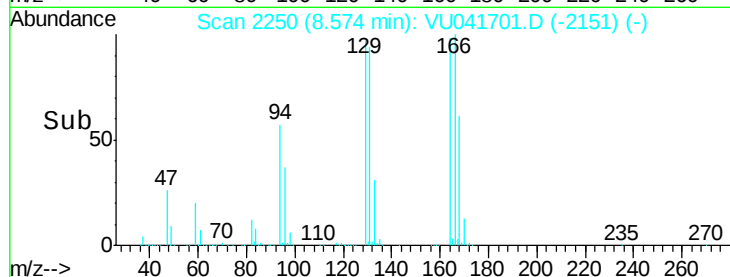
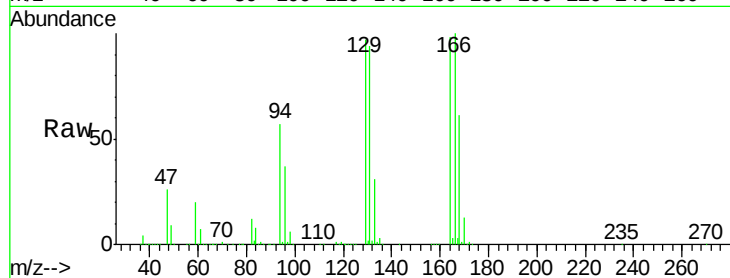
Ion Ratio Lower Upper

164 100

129 99.1 72.2 134.0

131 95.8 66.9 124.3

166 102.4 89.6 166.4



#51

Chlorobenzene

Concen: 5.435 ug/L

RT: 9.45 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VU041701.D

Acq: 21 Dec 2020 15:13

Tgt Ion:112 Resp: 140416

Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 60.9 49.1 73.7

