

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101220\
 Data File : VU040665.D
 Acq On : 12 Oct 2020 17:43
 Operator : SY/MD
 Sample : L4345-15MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY6MS

Quant Time: Oct 13 05:51:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41817	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.92	69	36050	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	91988	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.66	46	170600	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	5.08	84	85800	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	51799	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.75	84	155677	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	53610	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	126034	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.19	79	22799	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	122778	48.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46689	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51942	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

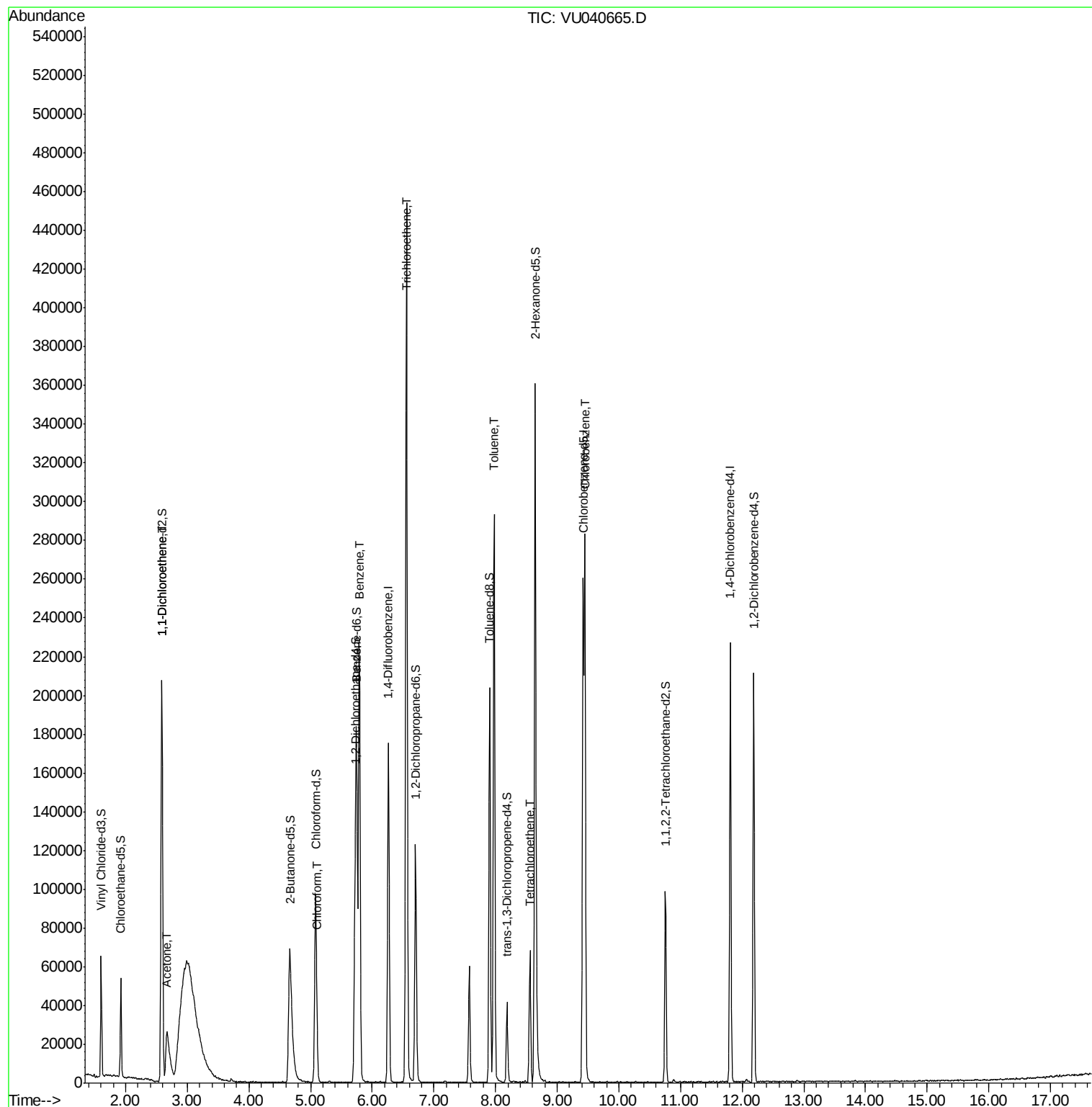
					Ovalue
12) 1,1-Dichloroethene	2.59	96	45243	4.848 ug/L	98
13) Acetone	2.67	43	76723	28.542 ug/L	97
25) Chloroform	5.11	83	5065	0.246 ug/L	98
33) Benzene	5.79	78	204512	4.895 ug/L	100
34) Trichloroethene	6.56	95	151493	13.988 ug/L	97
42) Toluene	7.98	91	204045	4.792 ug/L	98
47) Tetrachloroethene	8.56	164	14320	1.853 ug/L	93
51) Chlorobenzene	9.45	112	138604	4.942 ug/L	98

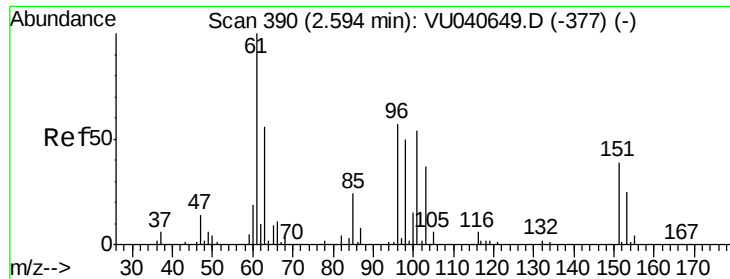
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.848 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040665.D

Acq: 12 Oct 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

YAQY6MS

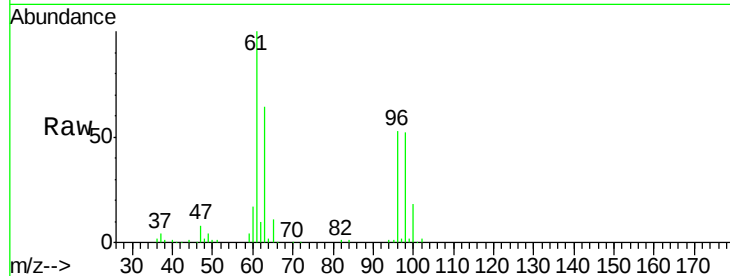
Tot Ion: 96 Resp: 45243

Ion Ratio Lower Upper

96 100

61 187.2 128.8 239.2

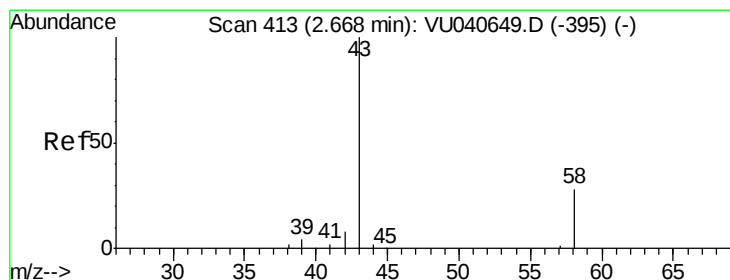
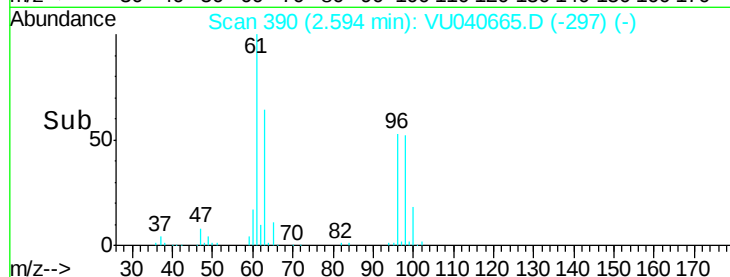
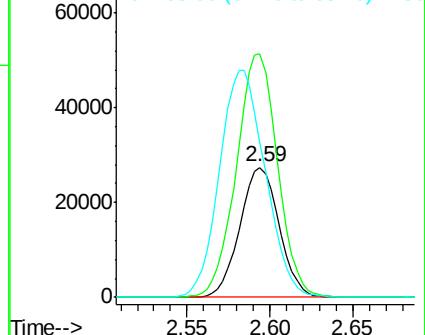
63 119.6 84.6 157.2



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



#13

Acetone

Concen: 28.542 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU040665.D

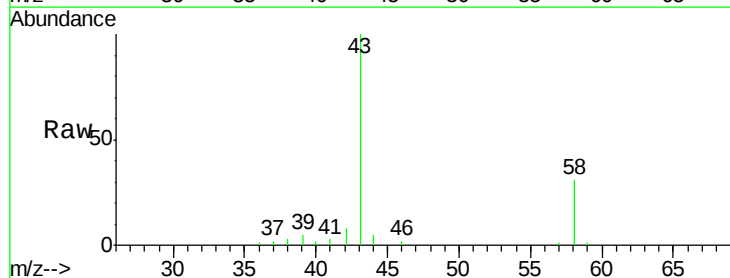
Acq: 12 Oct 2020 17:43

Tgt Ion: 43 Resp: 76723

Ion Ratio Lower Upper

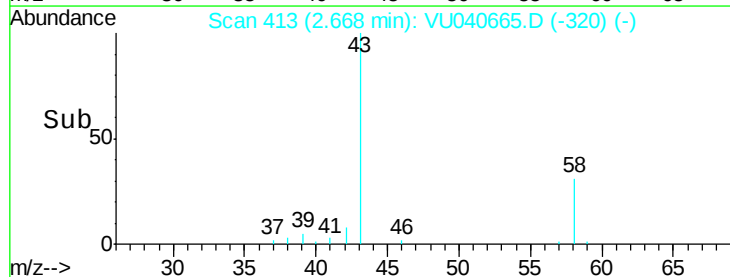
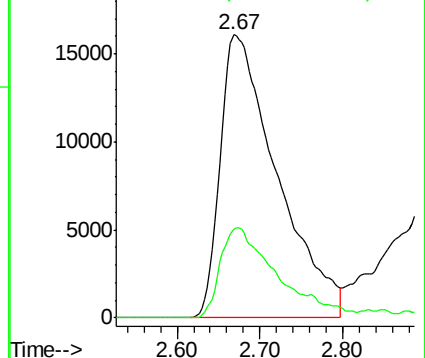
43 100

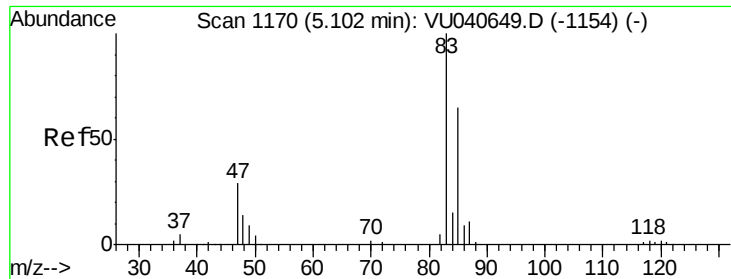
58 28.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

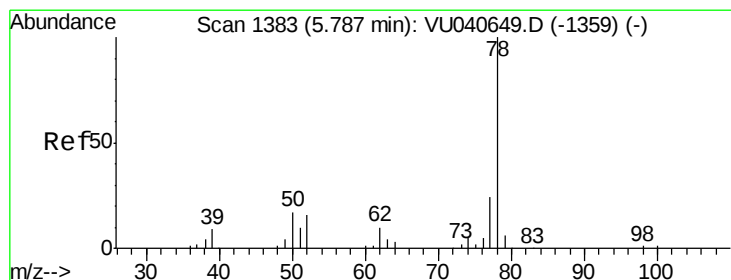
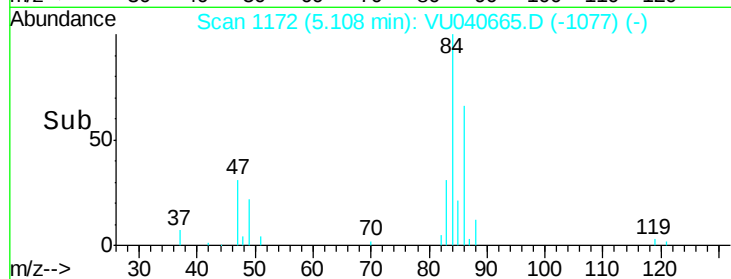
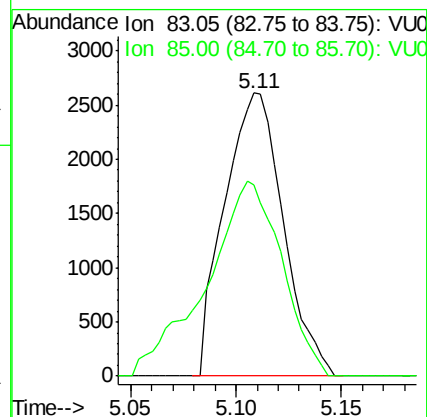
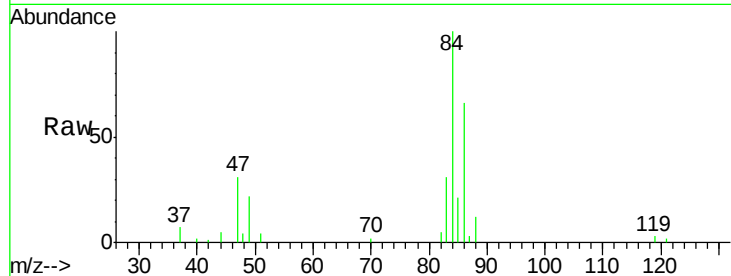




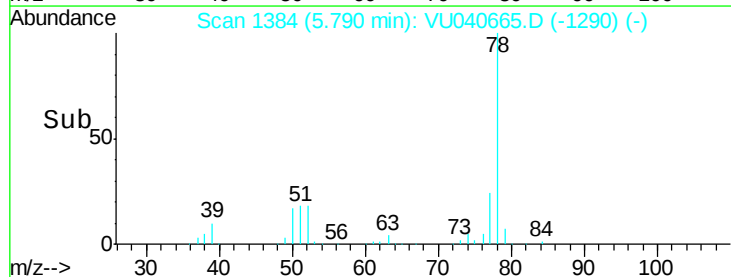
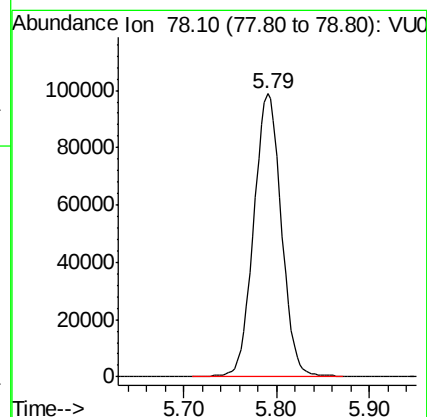
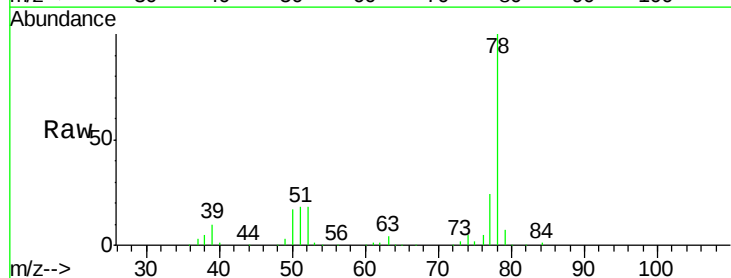
#25
Chloroform
Concen: 0.246 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040665.D
Acq: 12 Oct 2020 17:43

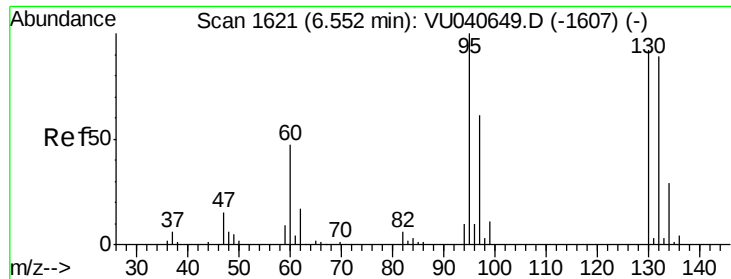
Instrument :
MSVOA_U
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YAQY6MS

Tot Ion: 83 Resp: 5065
Ion Ratio Lower Upper
83 100
85 67.8 46.5 86.5



#33
Benzene
Concen: 4.895 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040665.D
Acq: 12 Oct 2020 17:43
Tgt Ion: 78 Resp: 204512

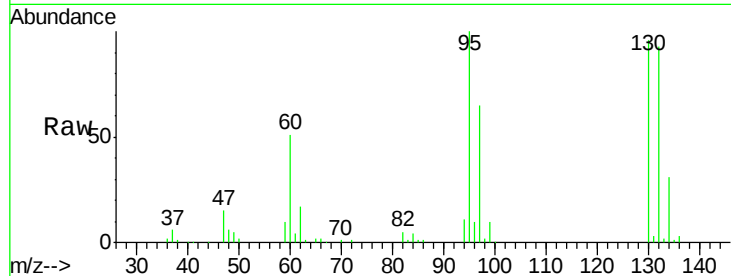




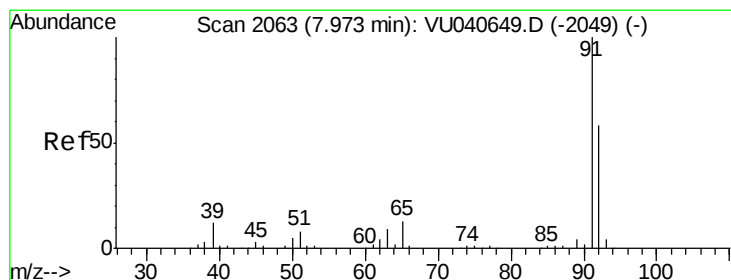
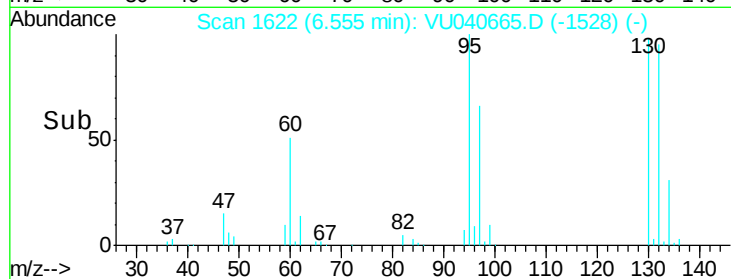
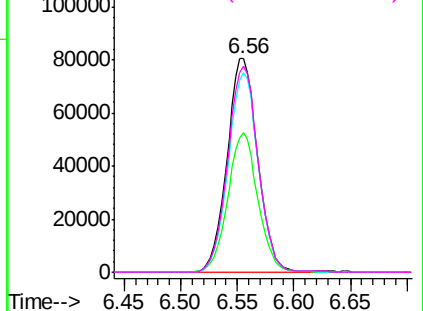
#34
 Trichloroethene
 Concen: 13.988 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040665.D
 Acq: 12 Oct 2020 17:43

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY6MS

Tot Ion: 95 Resp: 151493
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.5 84.5
 132 93.5 67.5 125.4
 130 96.4 69.9 129.9

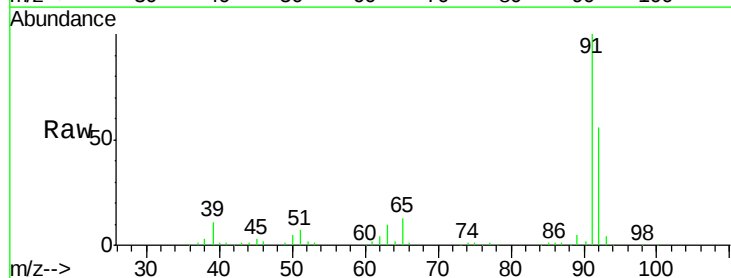


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

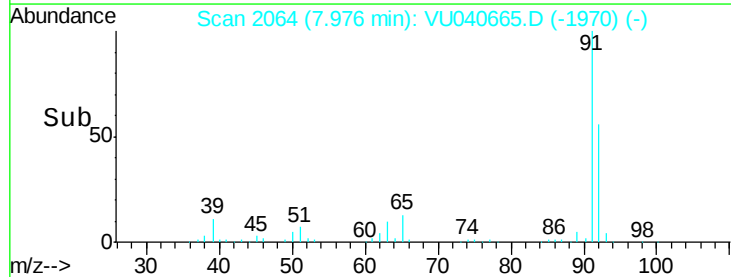
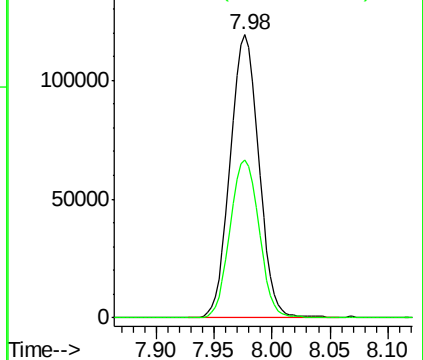


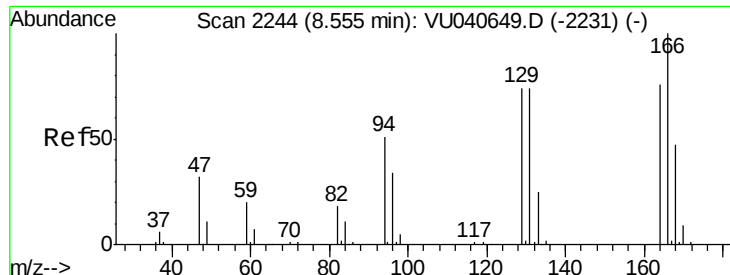
#42
 Toluene
 Concen: 4.792 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040665.D
 Acq: 12 Oct 2020 17:43

Tgt Ion: 91 Resp: 204045
 Ion Ratio Lower Upper
 91 100
 92 55.9 40.2 74.6



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





#47

Tetrachloroethene

Concen: 1.853 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040665.D

Acq: 12 Oct 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

YAQY6MS

Tot Ion:164 Resp: 14320

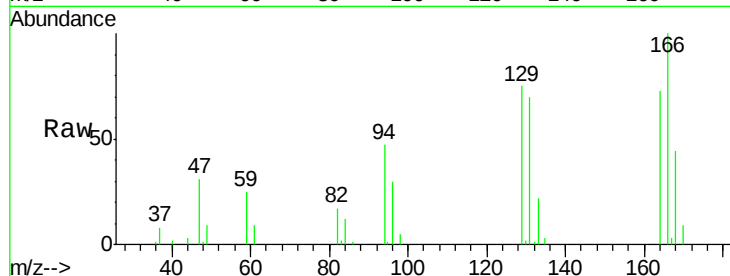
Ion Ratio Lower Upper

164 100

129 101.8 68.8 127.8

131 95.5 66.7 123.9

166 136.3 83.9 155.7

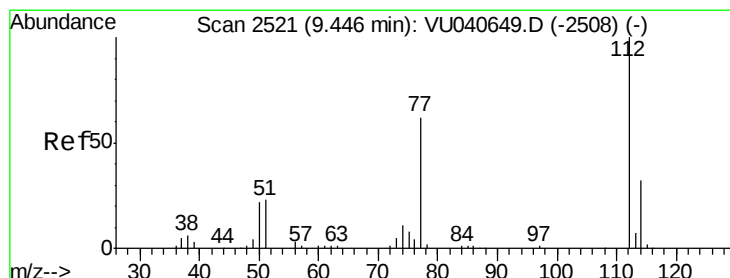
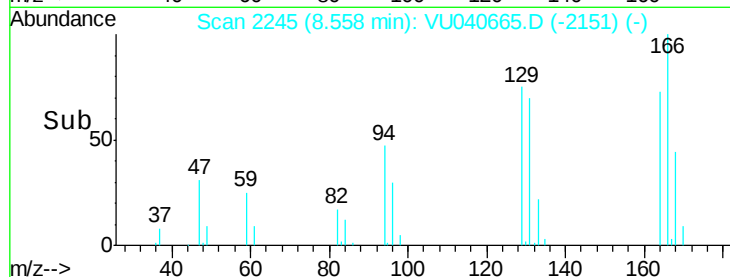
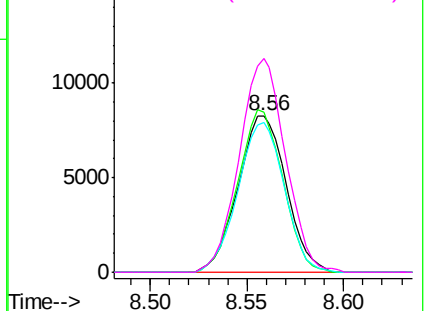


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.942 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040665.D

Acq: 12 Oct 2020 17:43

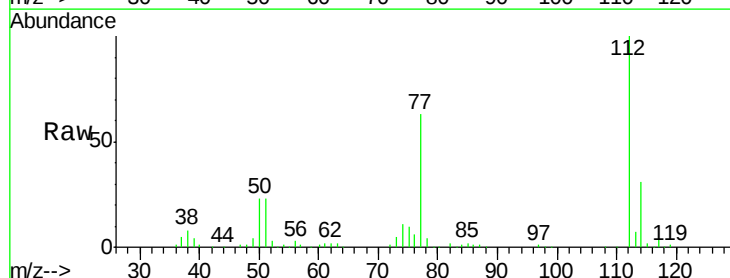
Tgt Ion:112 Resp: 138604

Ion Ratio Lower Upper

112 100

114 30.9 23.1 42.9

77 63.3 50.3 75.5



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): V

