

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041136.D
 Acq On : 09 Nov 2020 13:31
 Operator : SY/MD
 Sample : L4646-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MS

Quant Time: Nov 10 01:24:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16569	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.92	69	15515	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	38186	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.65	46	81895	52.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	5.08	84	41478	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	27508	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	72045	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	25773	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	58322	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.19	79	10287	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	59331	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23688	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25618	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

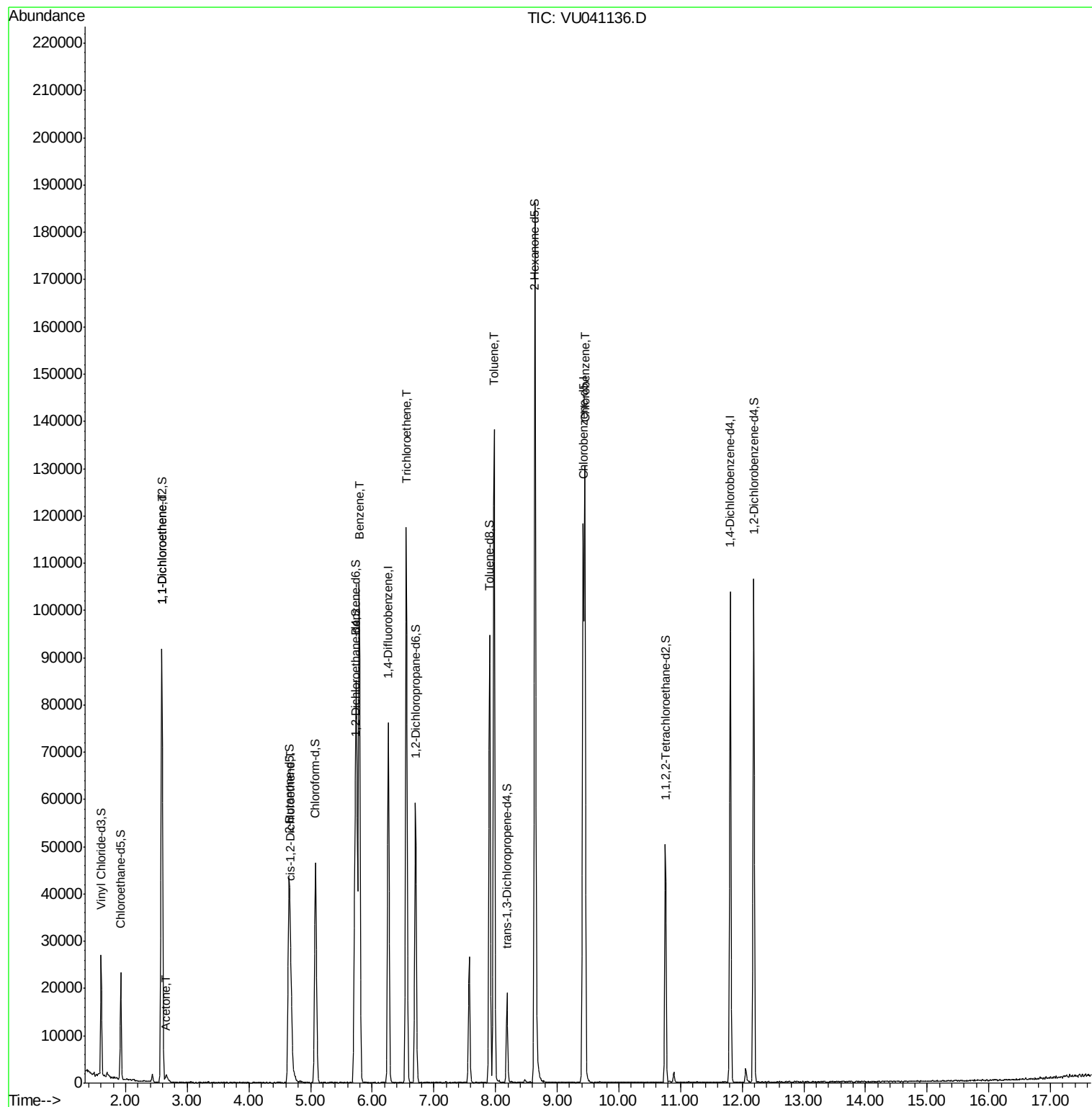
					Ovalue
12) 1,1-Dichloroethene	2.59	96	20539	5.120 ug/L	97
13) Acetone	2.66	43	3269	3.043 ug/L	68
22) cis-1,2-Dichloroethene	4.68	96	3427	0.815 ug/L	95
33) Benzene	5.79	78	93419	5.309 ug/L	100
34) Trichloroethene	6.55	95	38856	8.676 ug/L	98
42) Toluene	7.98	91	92428	5.180 ug/L	98
51) Chlorobenzene	9.45	112	63030	5.570 ug/L	98

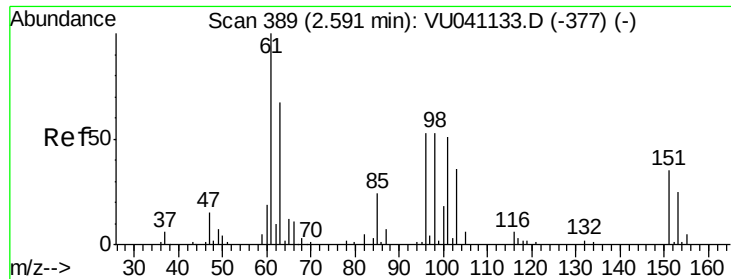
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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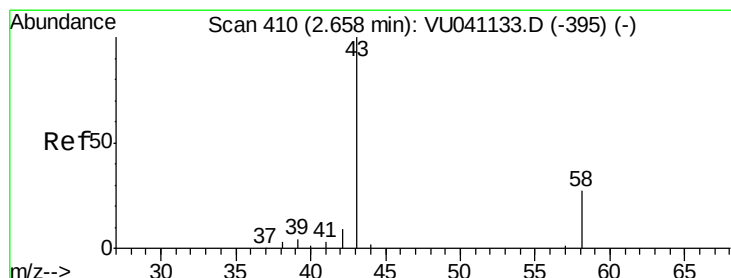
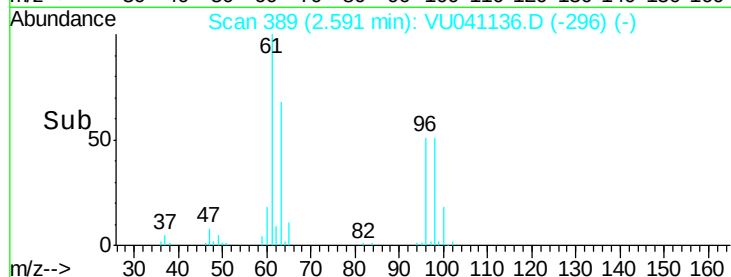
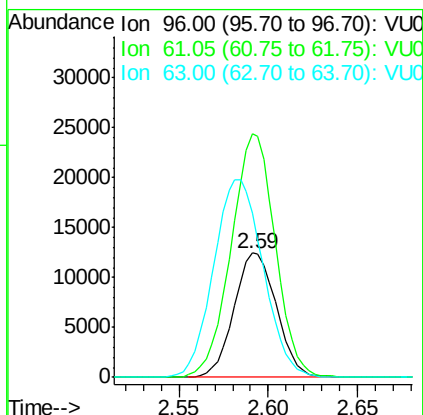
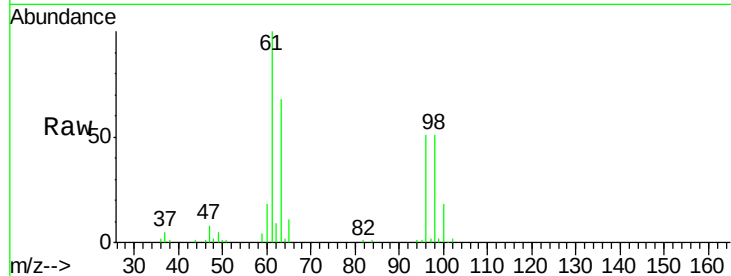




#12
 1,1-Dichloroethene
 Concen: 5.120 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU041136.D
 Acq: 09 Nov 2020 13:31

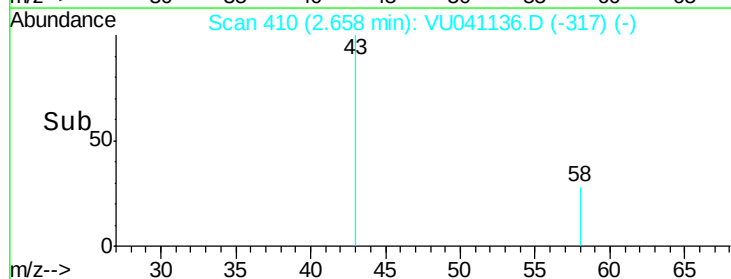
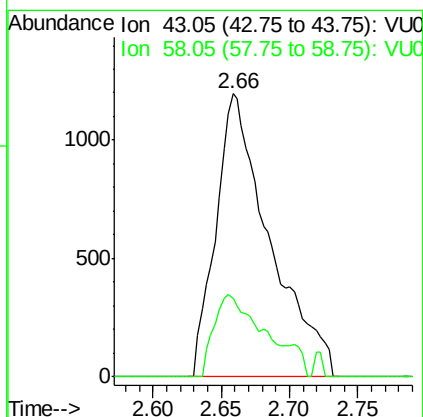
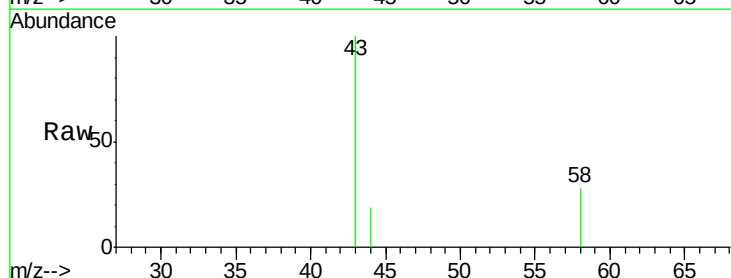
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MS

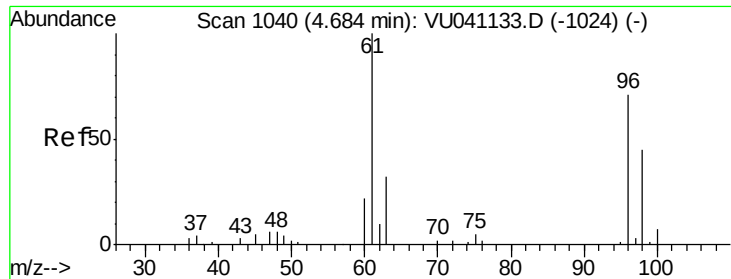
Tot Ion: 96 Resp: 20539
 Ion Ratio Lower Upper
 96 100
 61 196.2 134.3 249.5
 63 132.8 95.0 176.4



#13
 Acetone
 Concen: 3.043 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU041136.D
 Acq: 09 Nov 2020 13:31

Tgt Ion: 43 Resp: 3269
 Ion Ratio Lower Upper
 43 100
 58 25.1 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.815 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MS

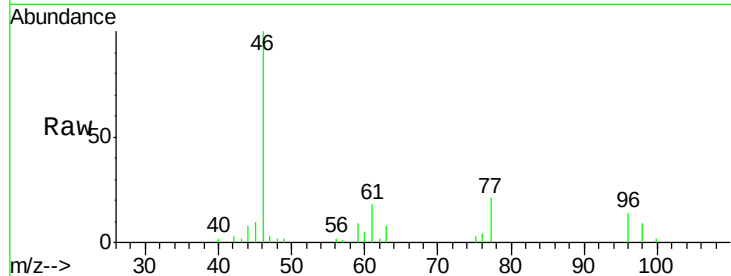
Tot Ion: 96 Resp: 3427

Ion Ratio Lower Upper

96 100

61 132.2 97.2 180.4

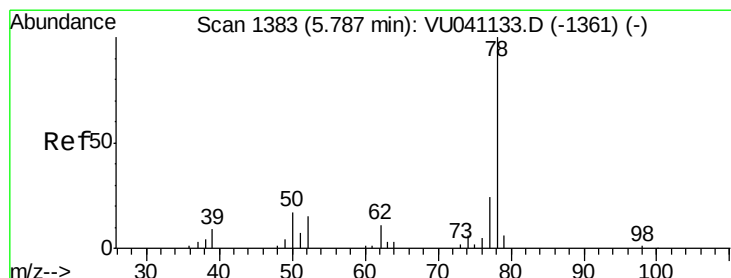
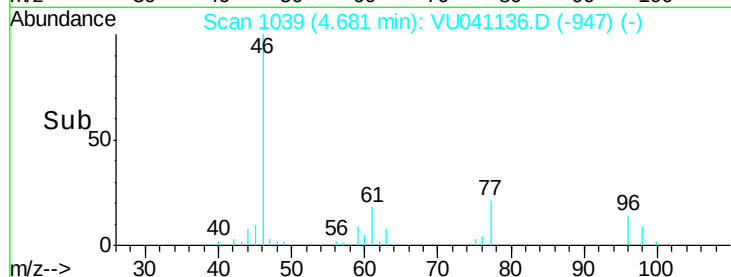
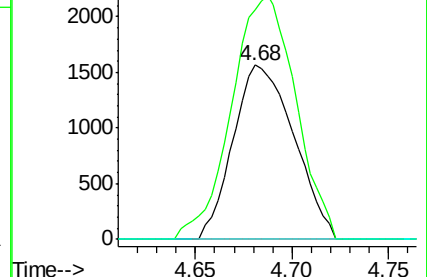
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041133.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041133.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041133.D (-1024) (-)



#33

Benzene

Concen: 5.309 ug/L

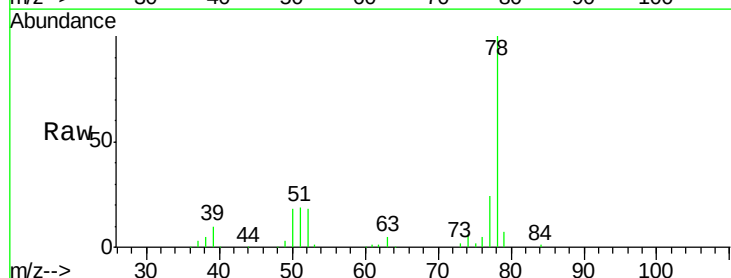
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Tgt Ion: 78 Resp: 93419



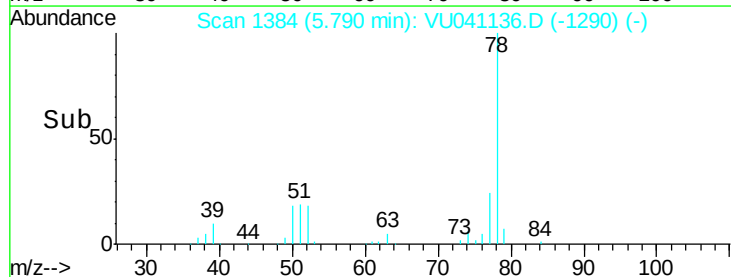
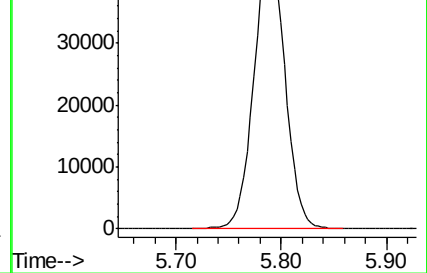
Abundance Ion 78.10 (77.80 to 78.80): VU041133.D (-1361) (-)

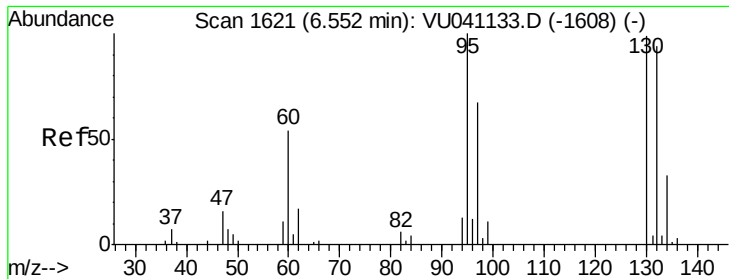
Ion 51.05 (50.75 to 51.75): VU041133.D (-1361) (-)

Ion 63.15 (62.85 to 63.85): VU041133.D (-1361) (-)

Ion 73.15 (72.85 to 73.85): VU041133.D (-1361) (-)

Ion 84.15 (83.85 to 84.85): VU041133.D (-1361) (-)





#34

Trichloroethene

Concen: 8.676 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MS

Tot Ion: 95 Resp: 38856

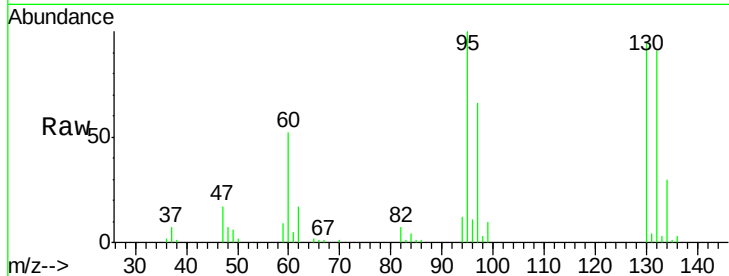
Ion Ratio Lower Upper

95 100

97 65.7 45.6 84.6

132 91.2 64.8 120.4

130 95.4 64.8 120.4

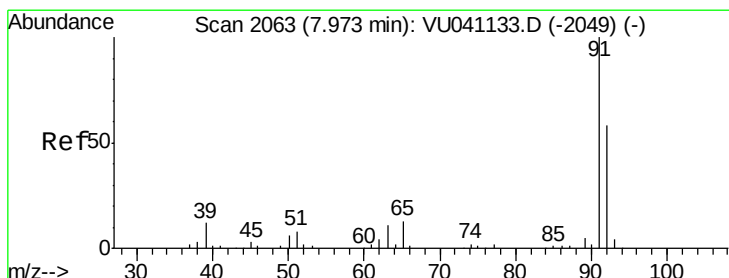
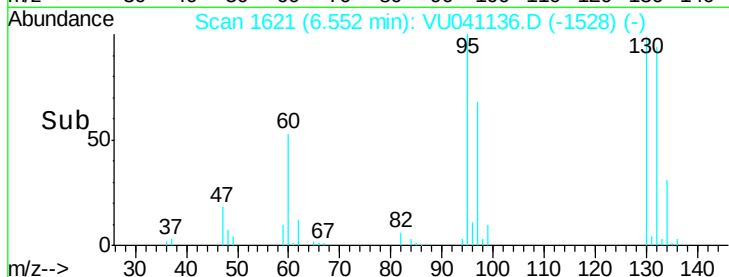
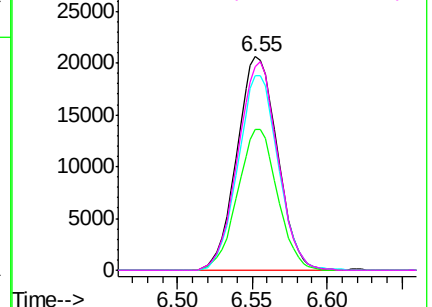


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.180 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041136.D

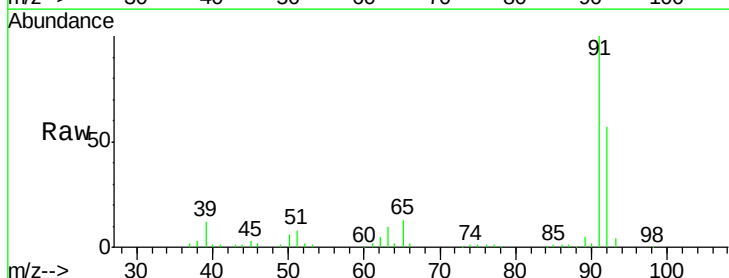
Acq: 09 Nov 2020 13:31

Tgt Ion: 91 Resp: 92428

Ion Ratio Lower Upper

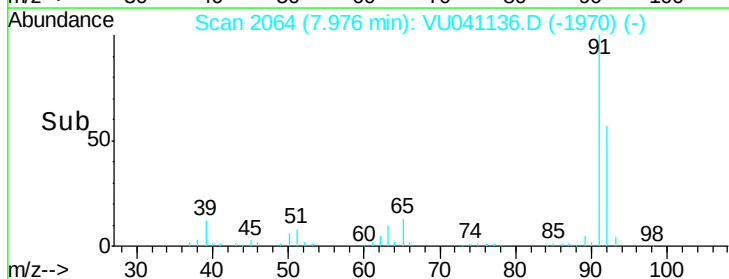
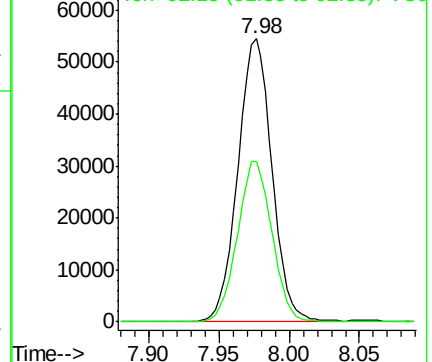
91 100

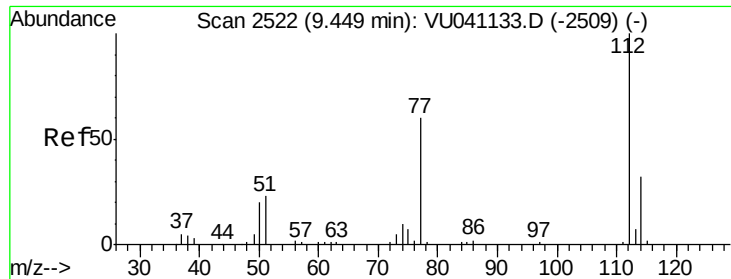
92 56.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 5.570 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU041136.D
 Acq: 09 Nov 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MS

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	31.0	22.4	41.6	
77	65.4	51.2	76.8	

