

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041137.D
 Acq On : 09 Nov 2020 13:54
 Operator : SY/MD
 Sample : L4646-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MSD

Quant Time: Nov 10 01:25:57 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	49258	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16764	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	15382	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	38923	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.65	46	84770	62.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	5.08	84	42013	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.72	65	27800	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
32) Benzene-d6	5.74	84	73407	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	26264	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.91	98	58982	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	10261	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.64	63	61439	57.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24487	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26446	7.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	140.60%#

Target Compounds

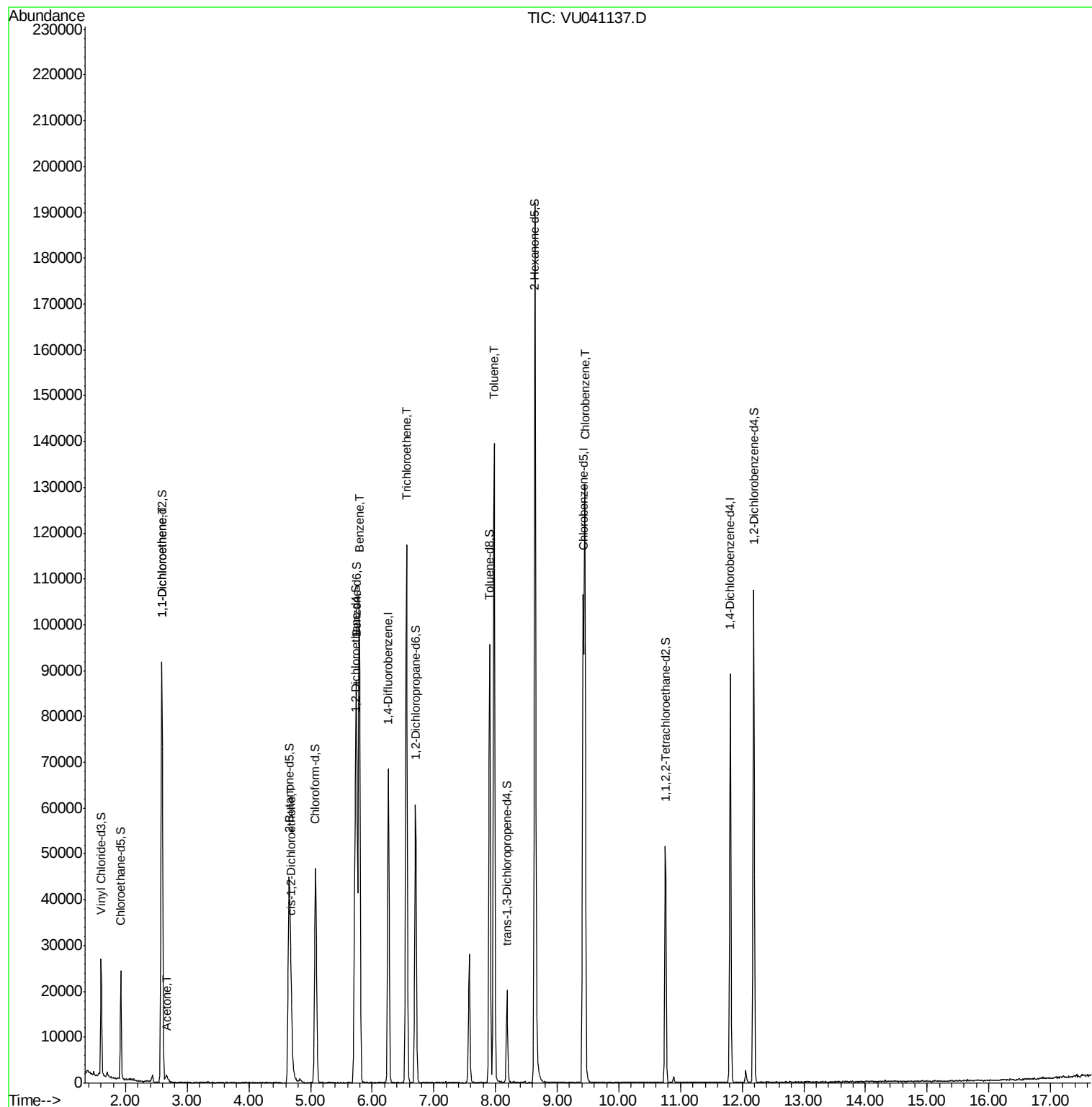
					Ovalue
12) 1,1-Dichloroethene	2.59	96	20999	6.035	ug/L 86
13) Acetone	2.66	43	3160	3.392	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	3507	0.962	ug/L 97
33) Benzene	5.79	78	94528	6.049	ug/L 100
34) Trichloroethene	6.55	95	39156	9.845	ug/L 95
42) Toluene	7.98	91	95055	5.998	ug/L 98
51) Chlorobenzene	9.45	112	64785	6.447	ug/L 97

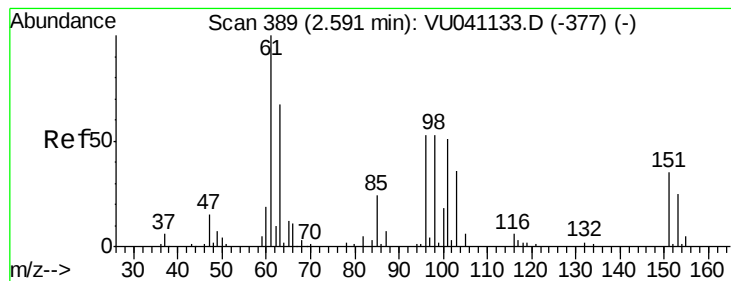
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.035 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041137.D

Acq: 09 Nov 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MSD

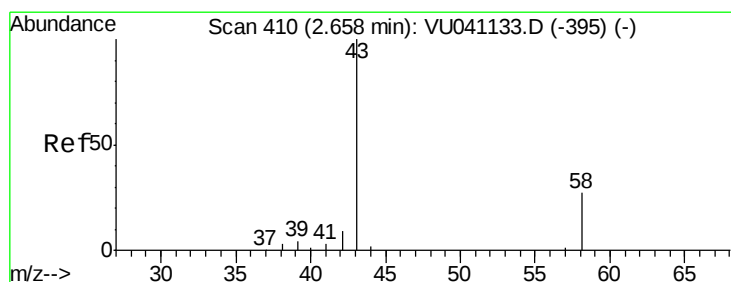
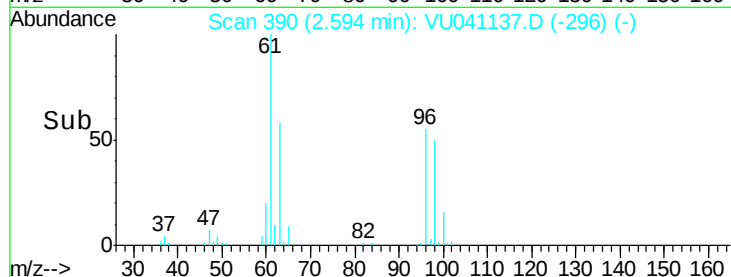
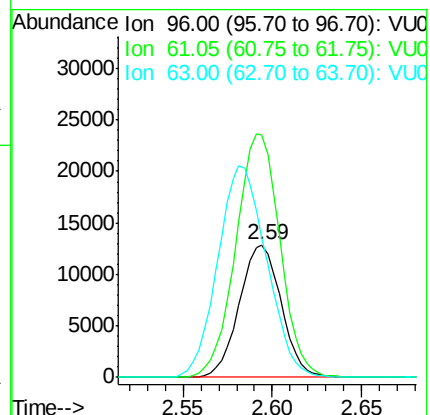
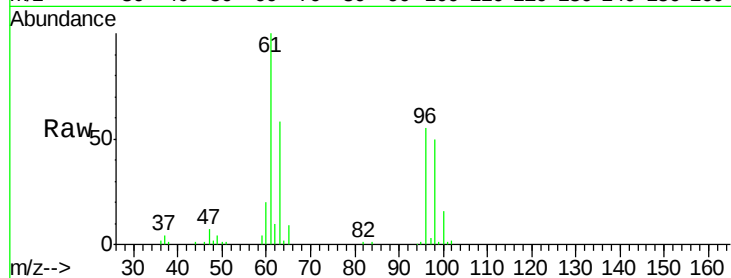
Tot Ion: 96 Resp: 20999

Ion Ratio Lower Upper

96 100

61 182.2 134.3 249.5

63 105.4 95.0 176.4



#13

Acetone

Concen: 3.392 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU041137.D

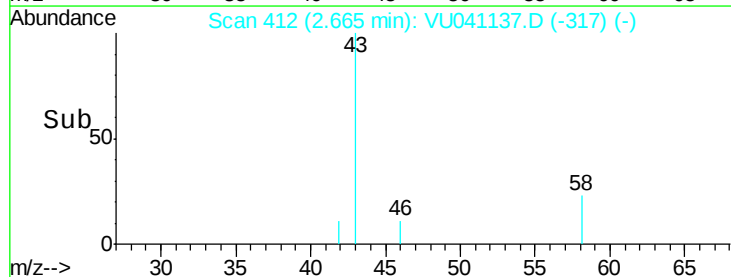
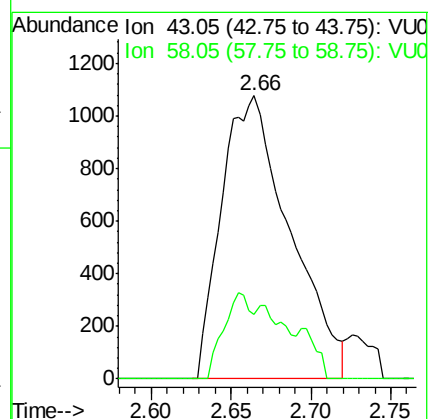
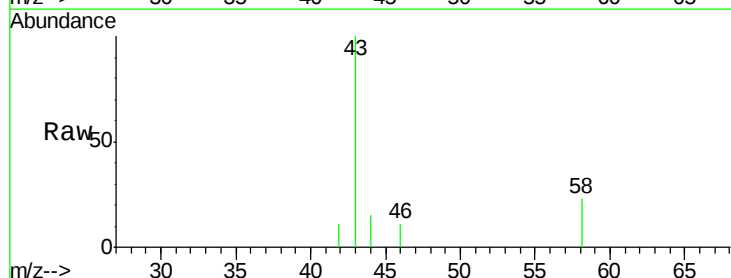
Acq: 09 Nov 2020 13:54

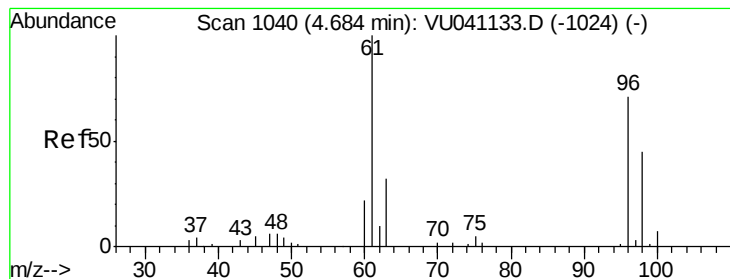
Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

58 12.8 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.962 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041137.D

Acq: 09 Nov 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MSD

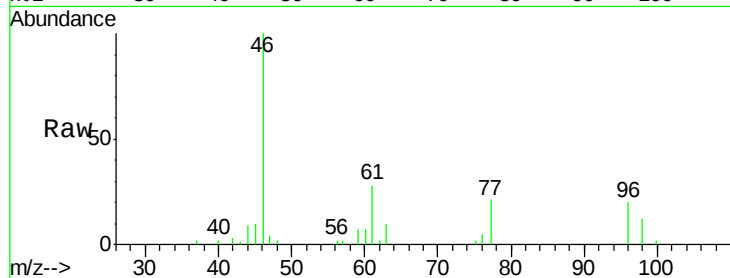
Tot Ion: 96 Resp: 3507

Ion Ratio Lower Upper

96 100

61 142.7 97.2 180.4

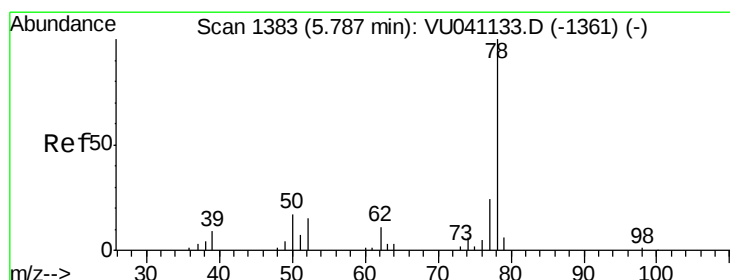
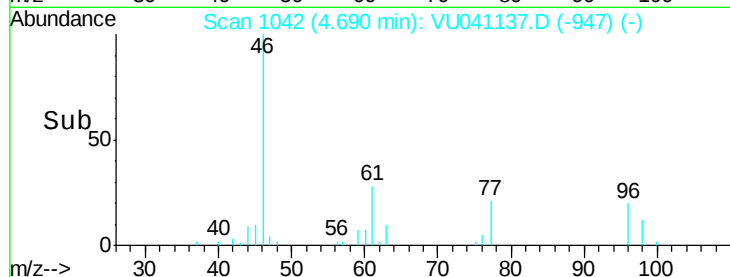
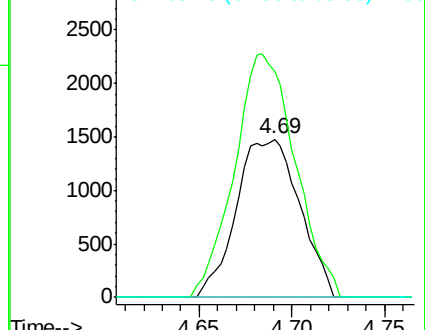
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 6.049 ug/L

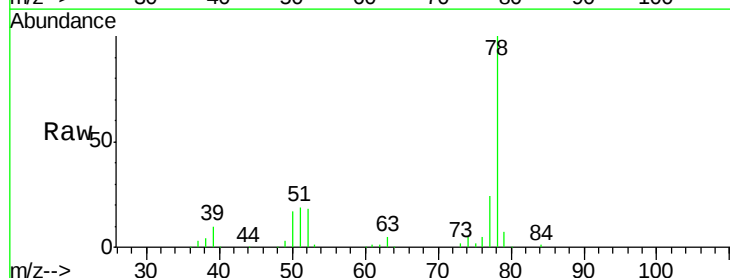
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

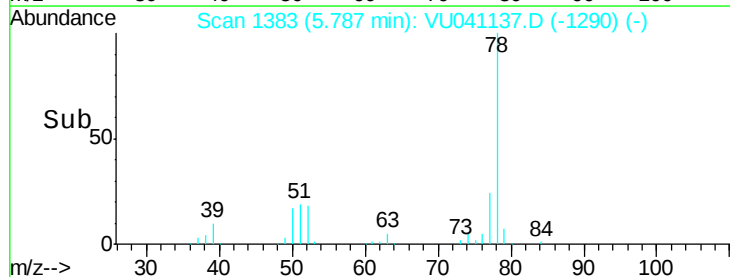
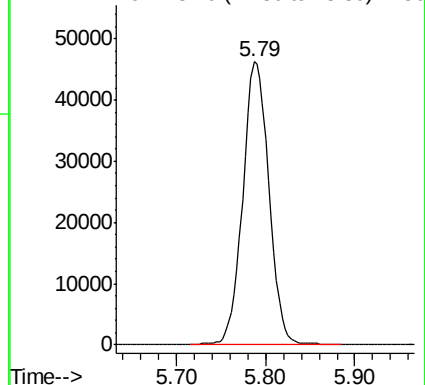
Lab File: VU041137.D

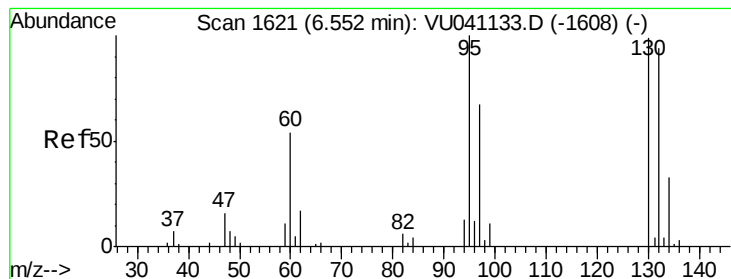
Acq: 09 Nov 2020 13:54

Tgt Ion: 78 Resp: 94528



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 9.845 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041137.D

Acq: 09 Nov 2020 13:54

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MSD

Tot Ion: 95 Resp: 39156

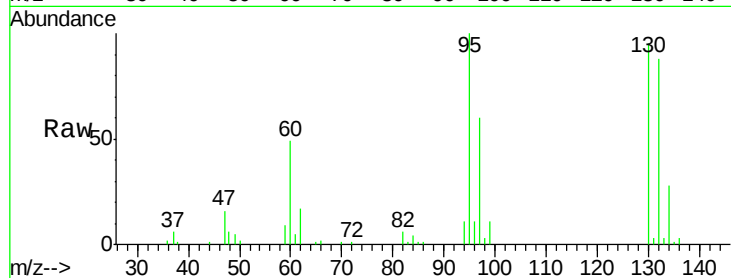
Ion Ratio Lower Upper

95 100

97 60.0 45.6 84.6

132 87.7 64.8 120.4

130 95.5 64.8 120.4

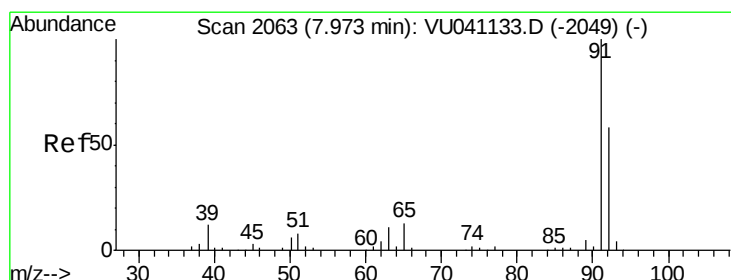
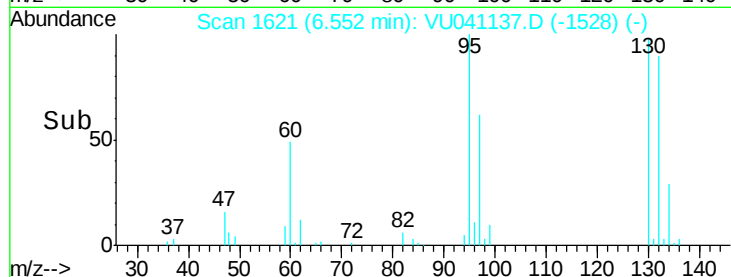
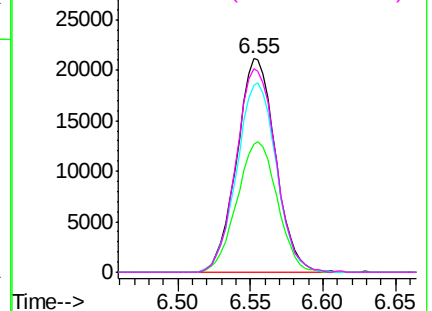


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.998 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041137.D

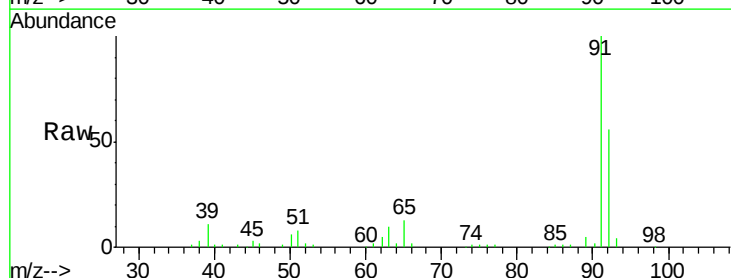
Acq: 09 Nov 2020 13:54

Tgt Ion: 91 Resp: 95055

Ion Ratio Lower Upper

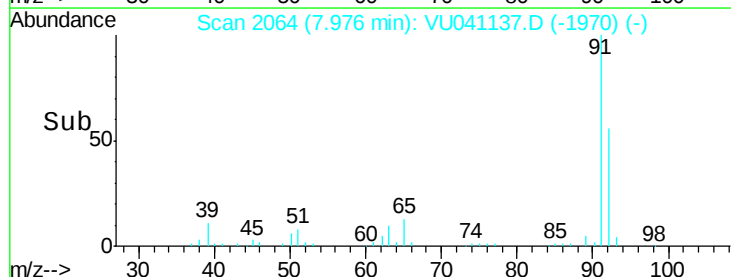
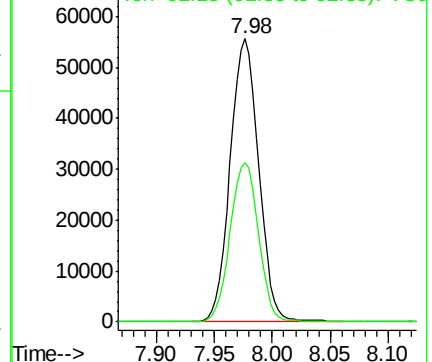
91 100

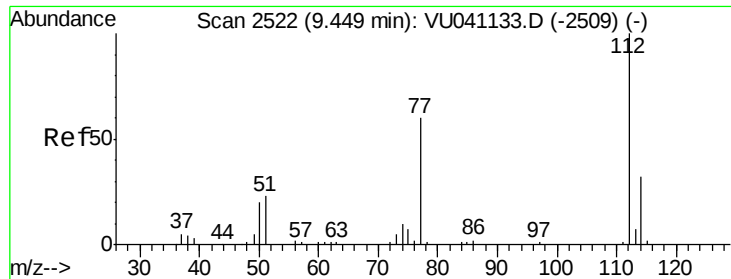
92 56.4 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

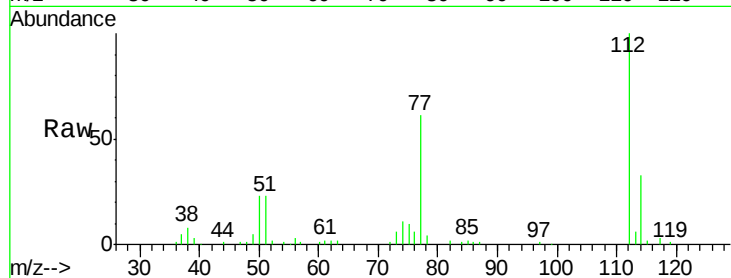




#51
 Chlorobenzene
 Concen: 6.447 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU041137.D
 Acq: 09 Nov 2020 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MSD

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	32.8	22.4	41.6	
77	61.4	51.2	76.8	



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

