

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040590.D
 Acq On : 09 Oct 2020 17:38
 Operator : SY/MD
 Sample : L4346-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ3MS

Quant Time: Oct 10 05:29:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49711	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	40590	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	98958	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.66	46	189837	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	5.08	84	96609	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	60731	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	182496	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	62460	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.91	98	148438	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	26009	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.64	63	141149	53.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53835	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	60161	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

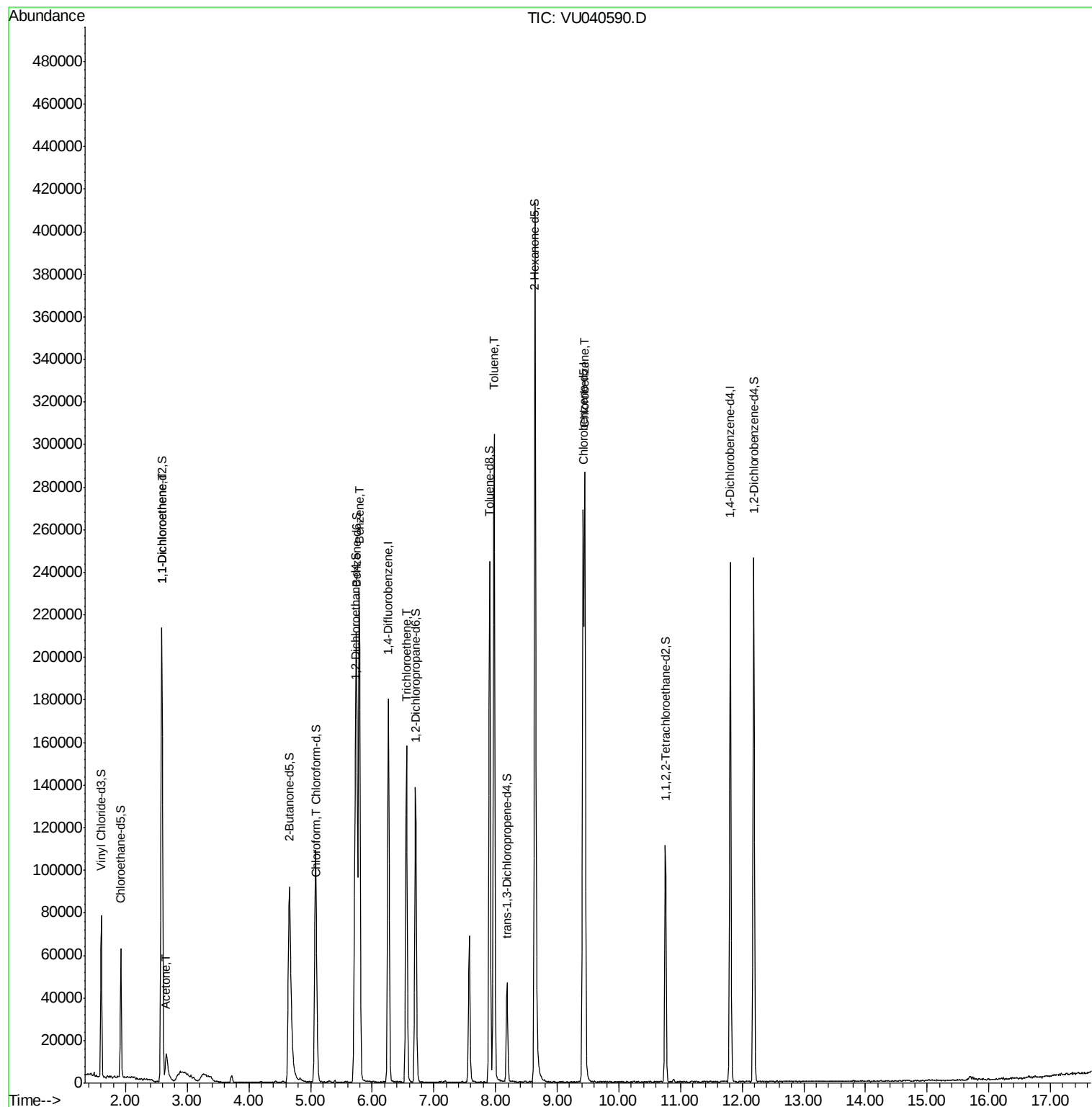
					Ovalue
12) 1,1-Dichloroethene	2.59	96	43256	4.439 ug/L	93
13) Acetone	2.66	43	27331	9.736 ug/L	92
25) Chloroform	5.11	83	6107	0.284 ug/L	88
33) Benzene	5.79	78	206512	4.719 ug/L	100
34) Trichloroethene	6.55	95	52135	4.596 ug/L	95
42) Toluene	7.98	91	208380	4.673 ug/L	99
51) Chlorobenzene	9.45	112	138429	4.713 ug/L	99

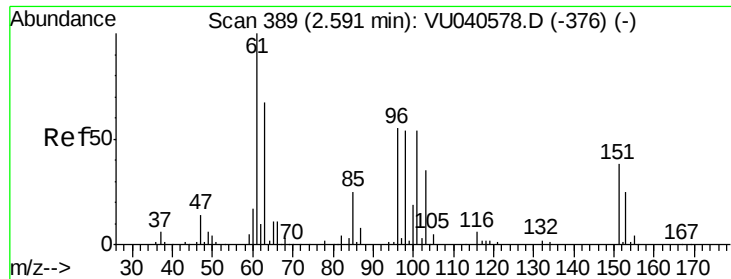
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.439 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040590.D

Acq: 09 Oct 2020 17:38

Instrument :

MSVOA_U

ClientSampleId :

YAZ3MS

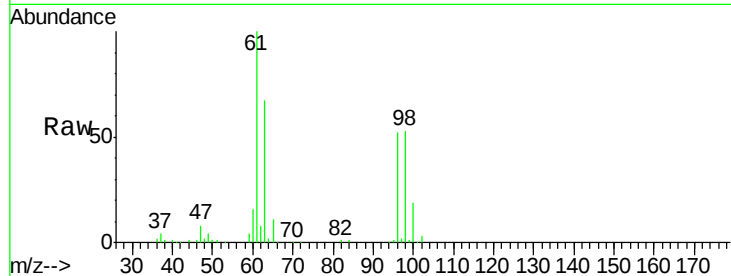
Tot Ion: 96 Resp: 43256

Ion Ratio Lower Upper

96 100

61 194.1 128.8 239.2

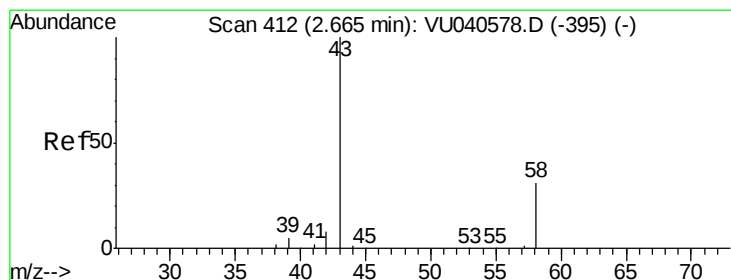
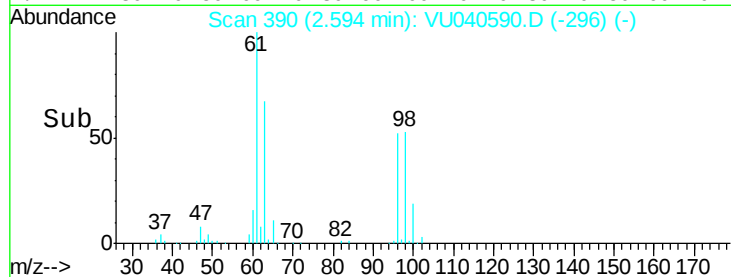
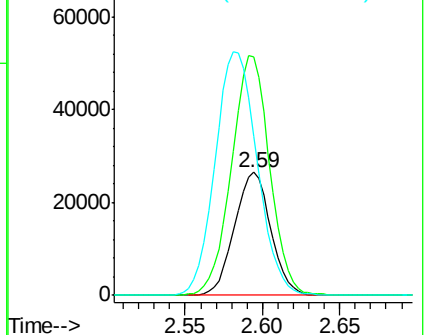
63 129.4 84.6 157.2



Abundance Ion 96.00 (95.70 to 96.70): VU040578.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VU040578.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VU040578.D (-376) (-)



#13

Acetone

Concen: 9.736 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU040590.D

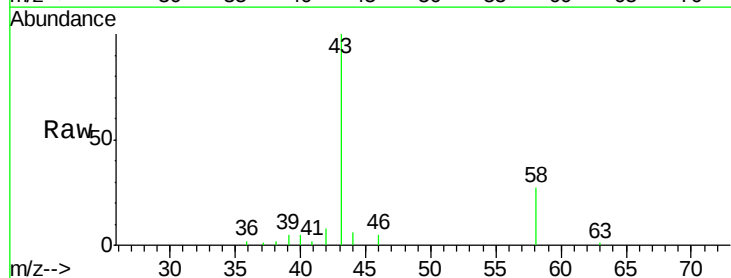
Acq: 09 Oct 2020 17:38

Tgt Ion: 43 Resp: 27331

Ion Ratio Lower Upper

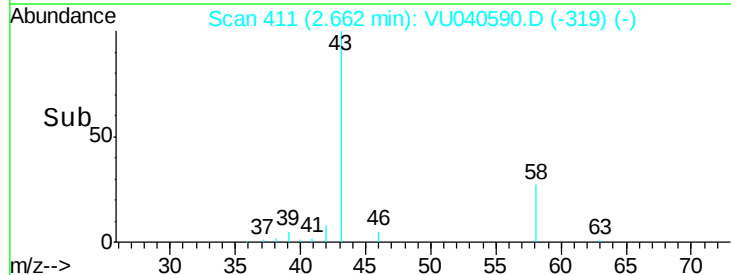
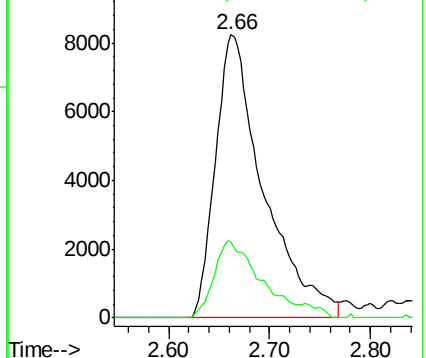
43 100

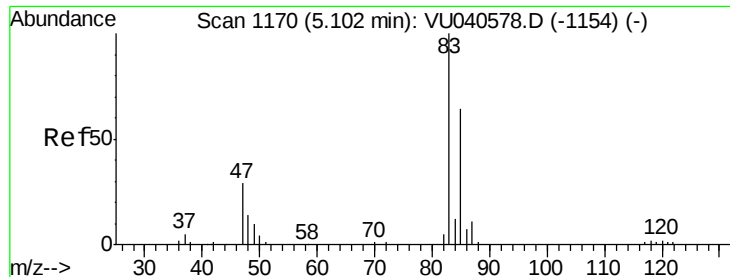
58 25.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040578.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040578.D (-395) (-)

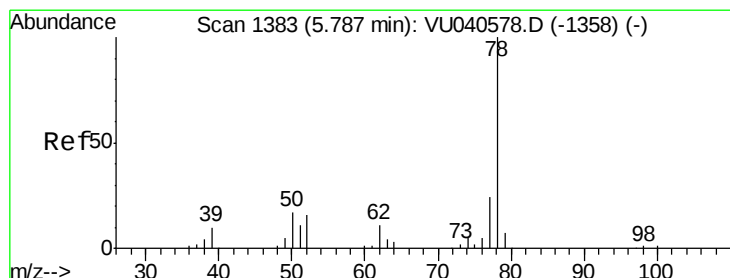
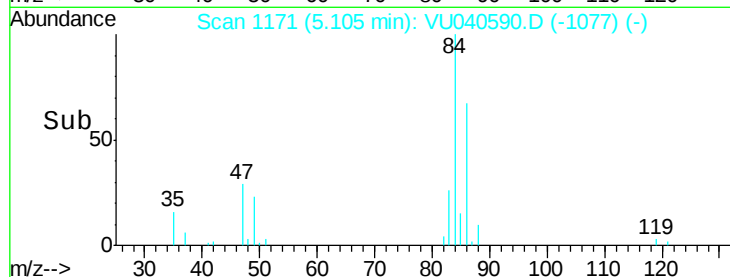
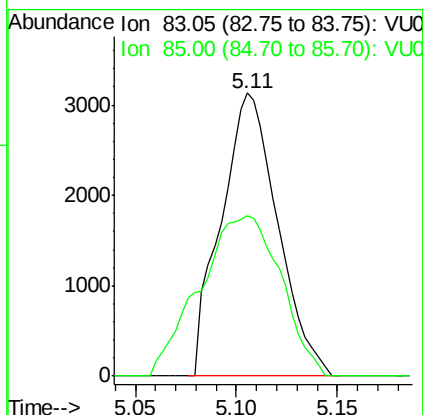
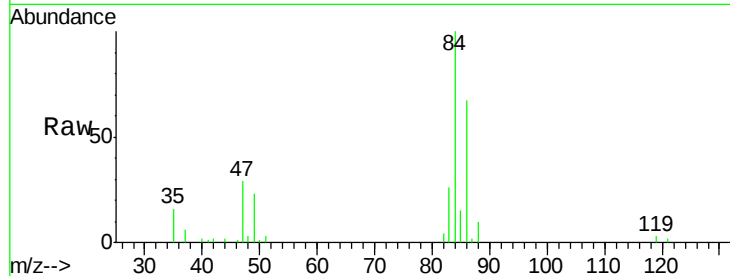




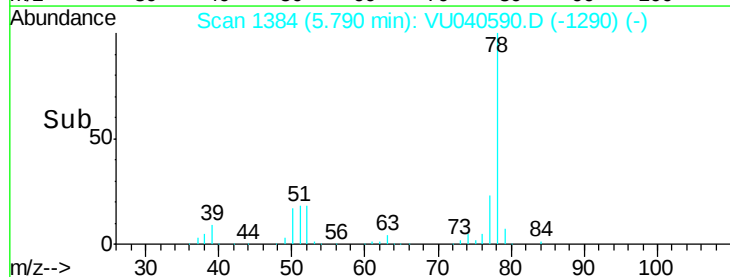
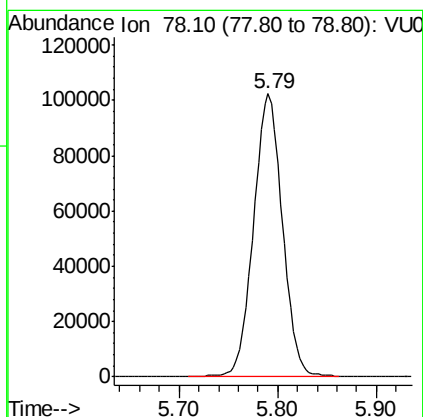
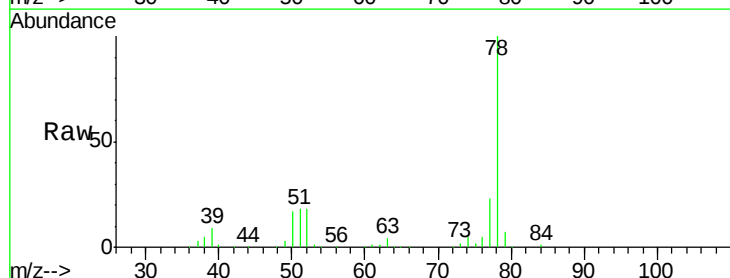
#25
Chloroform
Concen: 0.284 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040590.D
Acq: 09 Oct 2020 17:38

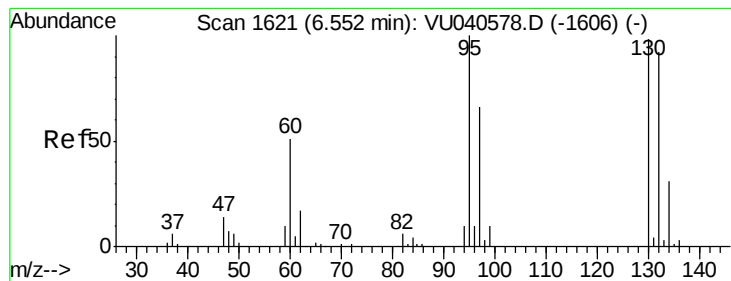
Instrument :
MSVOA_U
ClientSampleId :
YAQZ3MS

Tot Ion: 83 Resp: 6107
Ion Ratio Lower Upper
83 100
85 56.6 46.5 86.5



#33
Benzene
Concen: 4.719 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040590.D
Acq: 09 Oct 2020 17:38
Tgt Ion: 78 Resp: 206512





#34

Trichloroethene

Concen: 4.596 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040590.D

Acq: 09 Oct 2020 17:38

Instrument :

MSVOA_U

ClientSampleId :

YQZ3MS

Tot Ion: 95 Resp: 52135

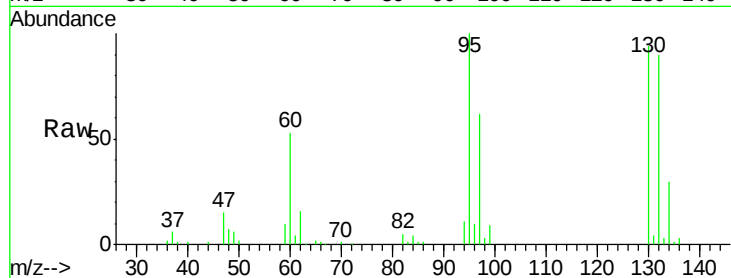
Ion Ratio Lower Upper

95 100

97 62.4 45.5 84.5

132 90.2 67.5 125.4

130 94.4 69.9 129.9

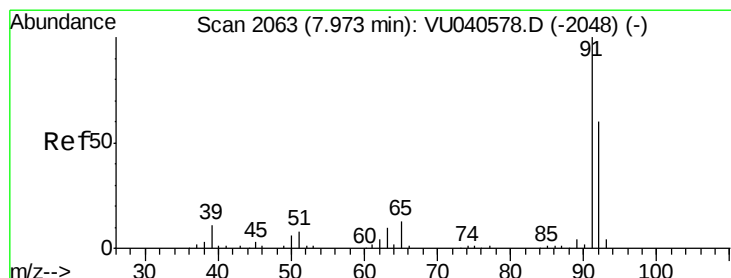
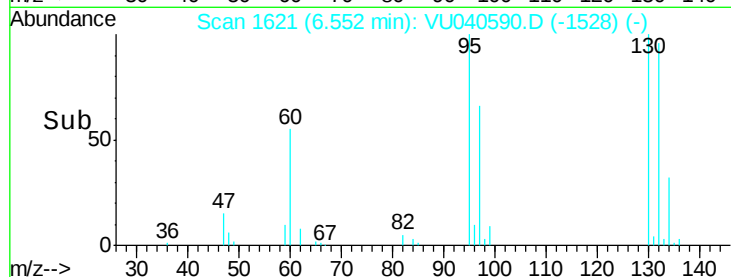
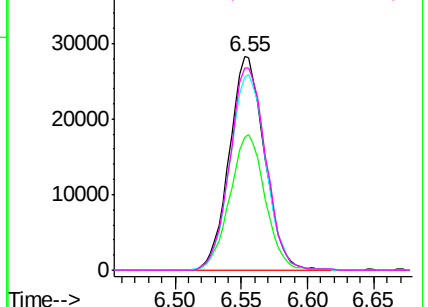


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.673 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040590.D

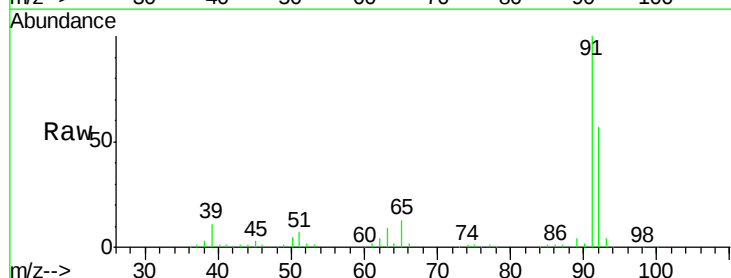
Acq: 09 Oct 2020 17:38

Tgt Ion: 91 Resp: 208380

Ion Ratio Lower Upper

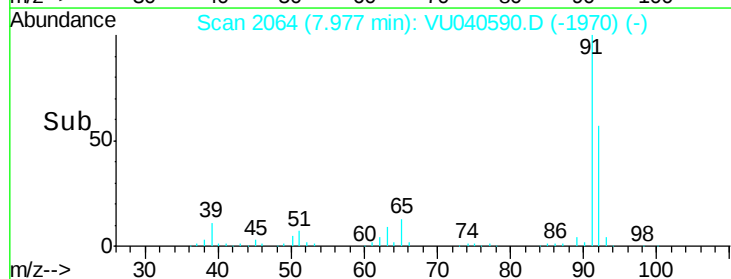
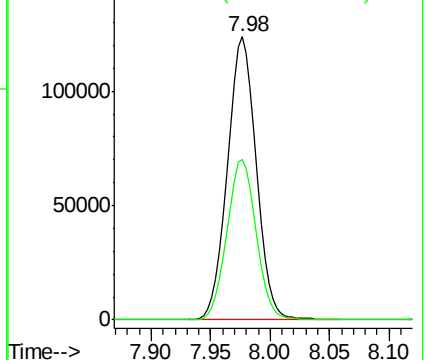
91 100

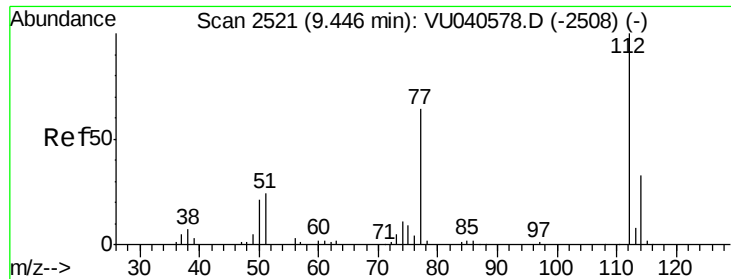
92 56.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 4.713 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040590.D
 Acq: 09 Oct 2020 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ3MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.1	42.9
77	62.5	50.3	75.5

