

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036751.D
 Acq On : 12 Feb 2020 15:26
 Operator : JC/MD
 Sample : L1487-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT7

Quant Time: Feb 13 02:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	127696	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59057	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52730	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.93	69	45771	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	67819	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	117216	50.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	5.11	84	81157	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	46176	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	178812	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	56735	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	165038	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	21177	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.66	63	104949	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43572	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56109	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

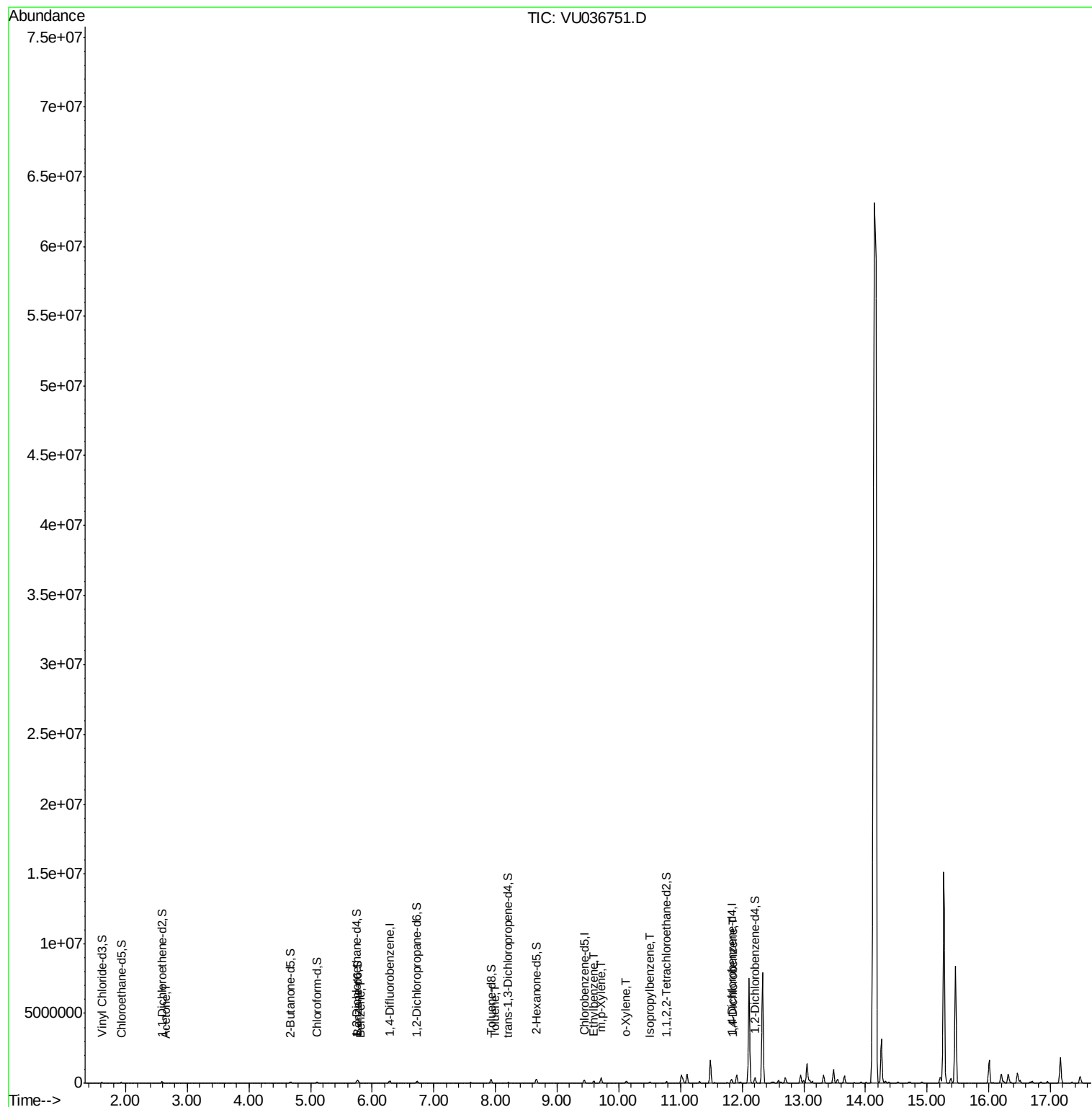
					Ovalue
13) Acetone	2.66	43	4233	1.437 ug/L	95
33) Benzene	5.81	78	27422	0.742 ug/L	100
42) Toluene	8.00	91	13926	0.351 ug/L	96
52) Ethylbenzene	9.59	91	113293	2.557 ug/L	100
53) m,p-Xylene	9.71	106	112705	6.911 ug/L	96
54) o-Xylene	10.12	106	40440	2.525 ug/L	93
56) Isopropylbenzene	10.50	105	38656	0.902 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1577	0.078 ug/L	93

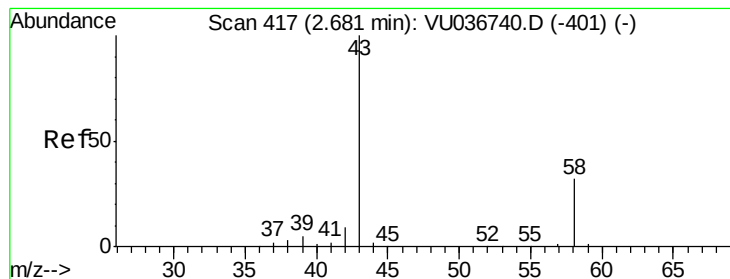
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.437 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

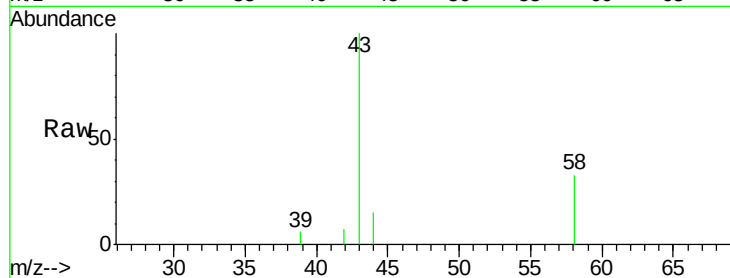
DBCT7

Tot Ion: 43 Resp: 4233

Ion Ratio Lower Upper

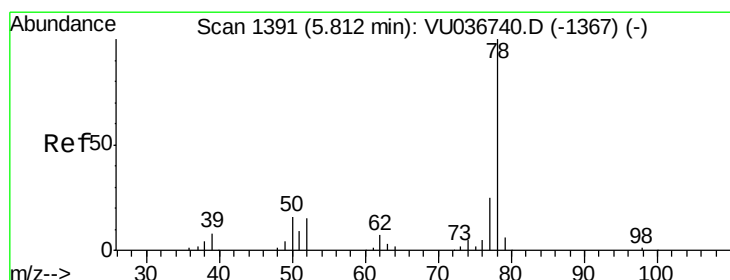
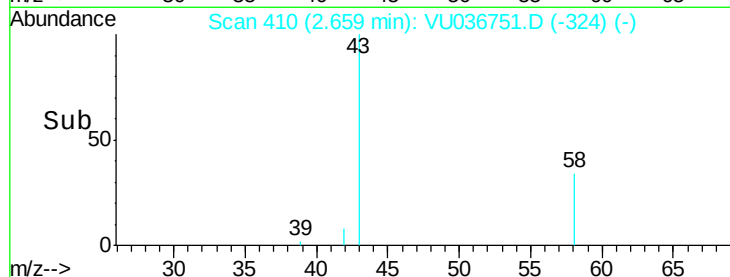
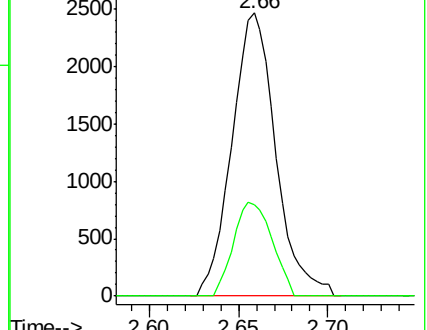
43 100

58 29.1 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036740.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036740.D (-401) (-)



#33

Benzene

Concen: 0.742 ug/L

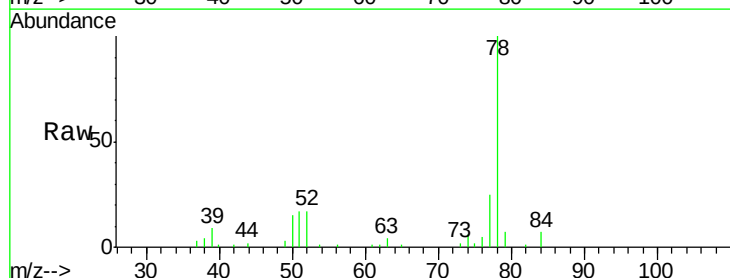
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036751.D

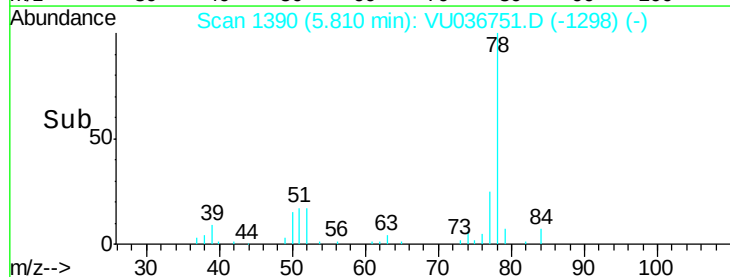
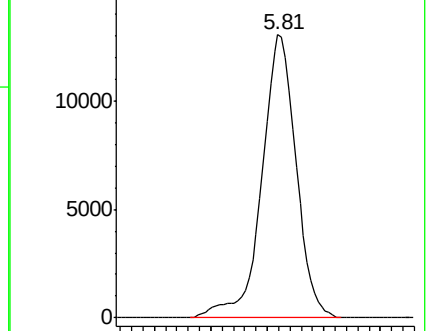
Acq: 12 Feb 2020 15:26

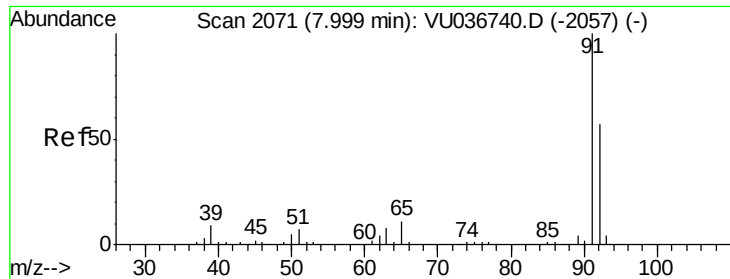
Tgt Ion: 78 Resp: 27422



Abundance Ion 78.10 (77.80 to 78.80): VU036740.D (-1367) (-)

Ion 5.81 (5.75 to 5.85): VU036740.D (-1367) (-)





#42

Toluene

Concen: 0.351 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

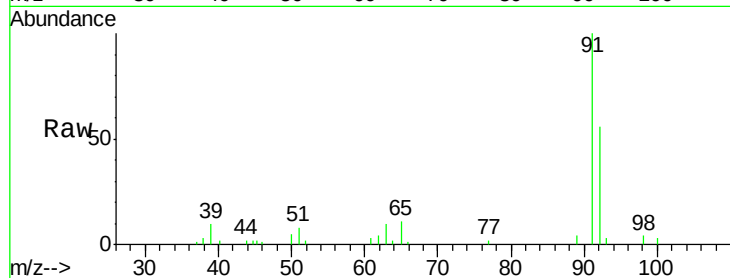
DBCT7

Tot Ion: 91 Resp: 13926

Ion Ratio Lower Upper

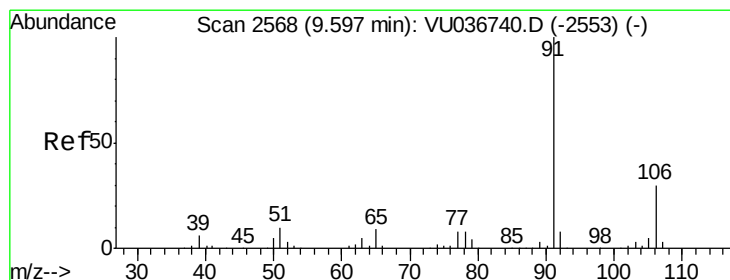
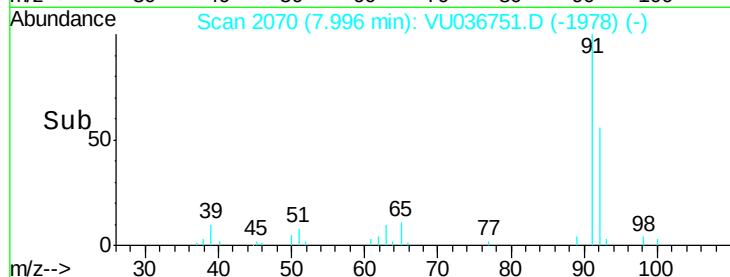
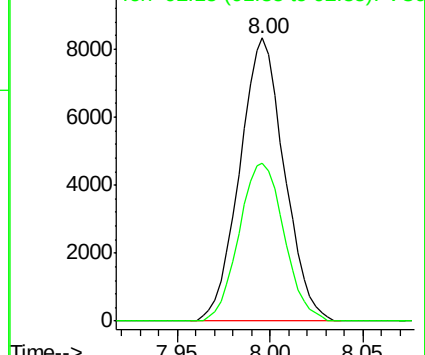
91 100

92 55.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036740.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU036740.D (-2057) (-)



#52

Ethylbenzene

Concen: 2.557 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.01 min

Lab File: VU036751.D

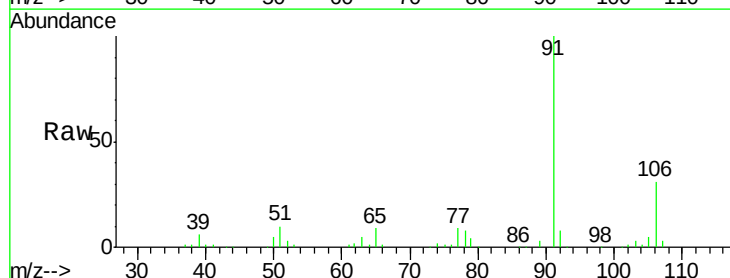
Acq: 12 Feb 2020 15:26

Tgt Ion: 91 Resp: 113293

Ion Ratio Lower Upper

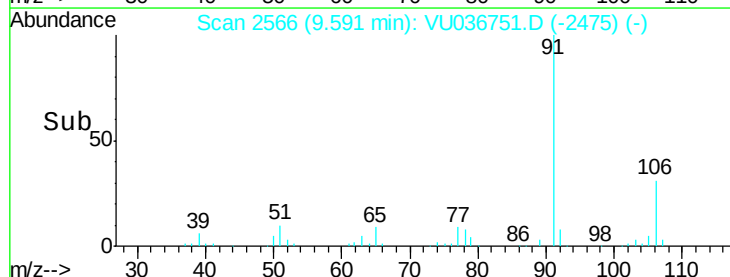
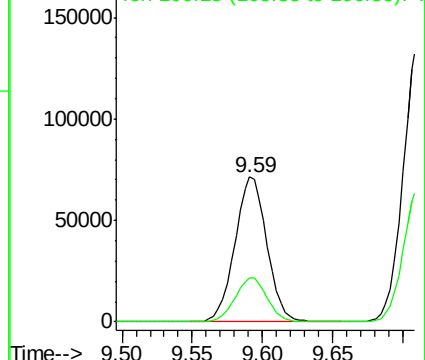
91 100

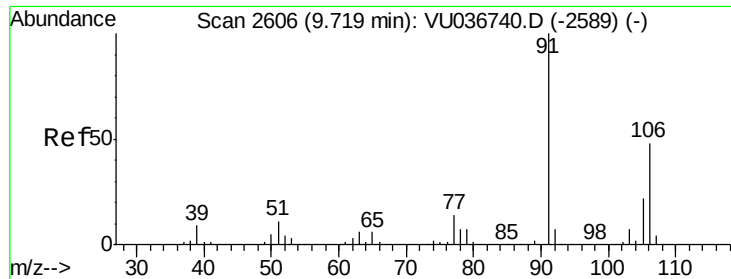
106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036740.D (-2553) (-)

Ion 106.15 (105.85 to 106.85): VU036740.D (-2553) (-)

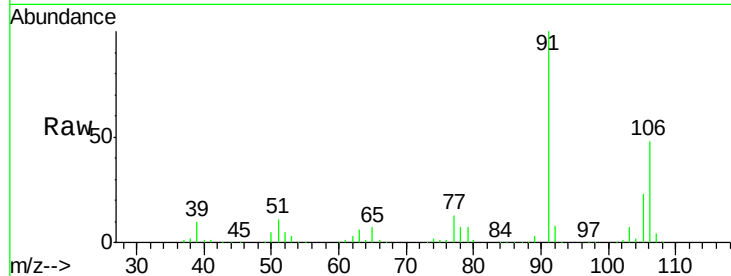




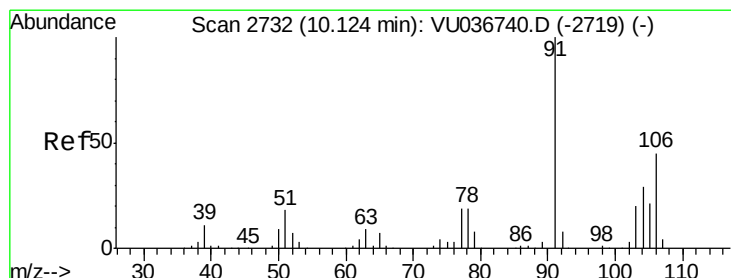
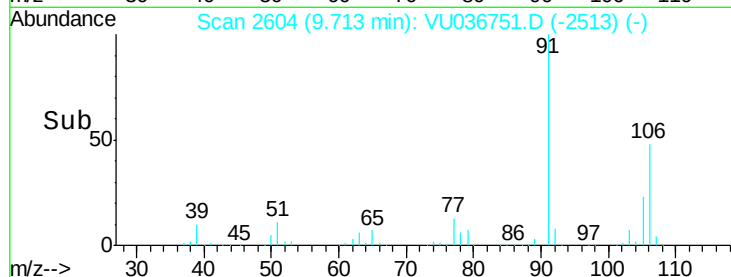
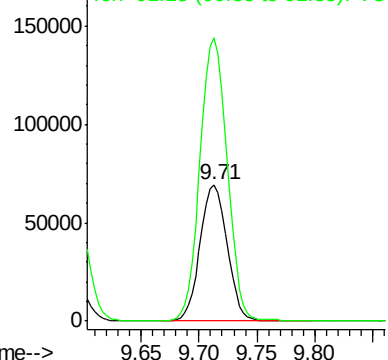
#53
m,p-Xylene
Concen: 6.911 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.01 min
Lab File: VU036751.D
Acq: 12 Feb 2020 15:26

Instrument :
MSVOA_U
ClientSampleId :
DBCT7

Tot Ion:106 Resp: 112705
Ion Ratio Lower Upper
106 100
91 207.8 141.1 262.0

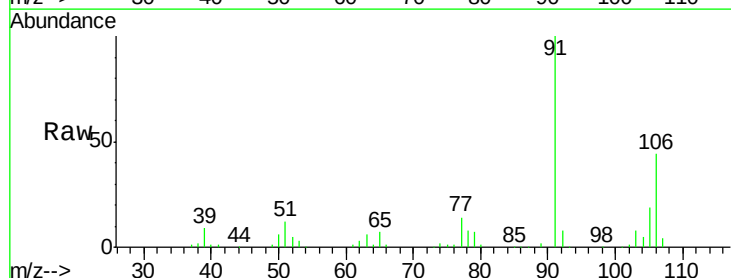


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

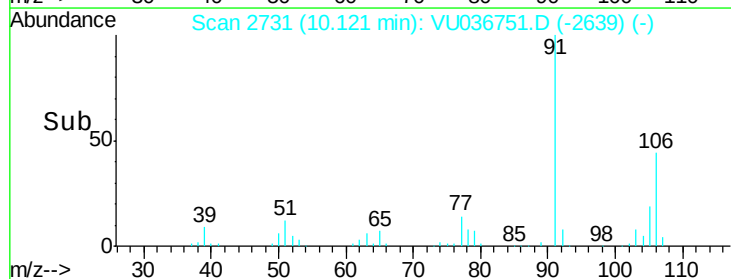
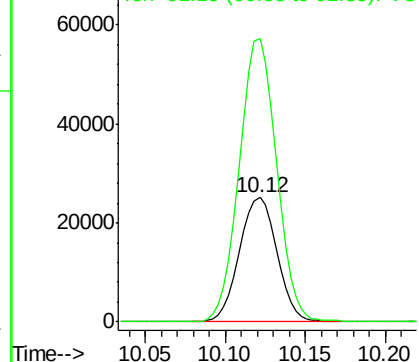


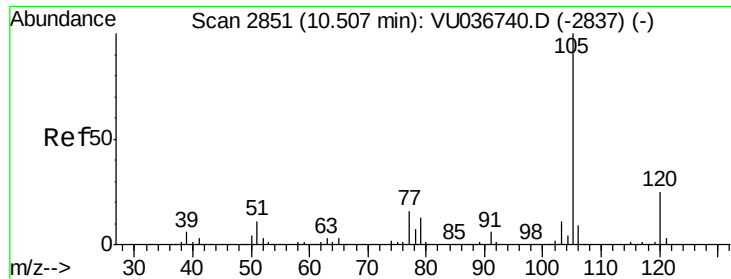
#54
o-Xylene
Concen: 2.525 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036751.D
Acq: 12 Feb 2020 15:26

Tgt Ion:106 Resp: 40440
Ion Ratio Lower Upper
106 100
91 227.4 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.902 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

DBCT7

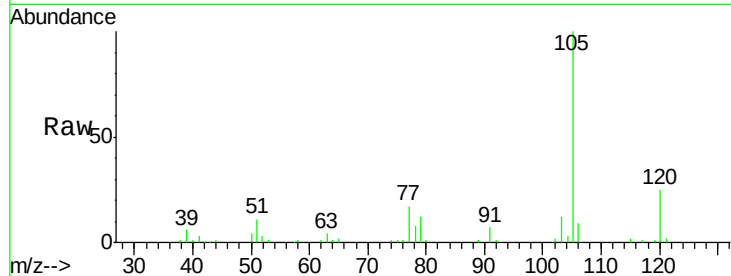
Tot Ion:105 Resp: 38656

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

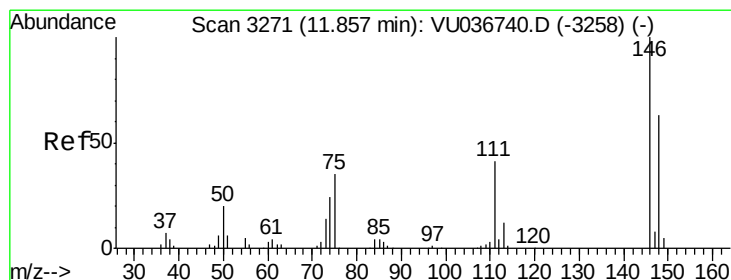
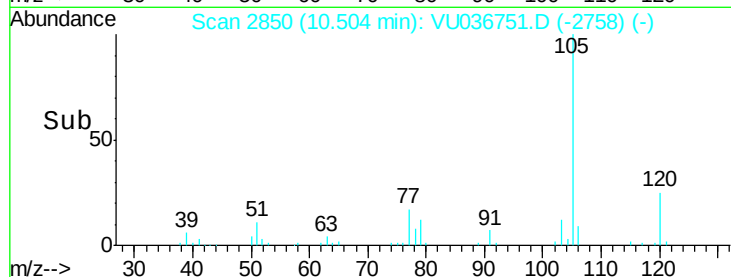
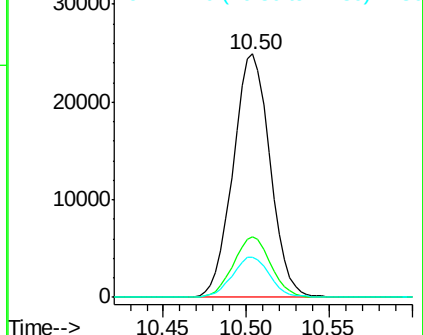
77 16.8 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.078 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.01 min

Lab File: VU036751.D

Acq: 12 Feb 2020 15:26

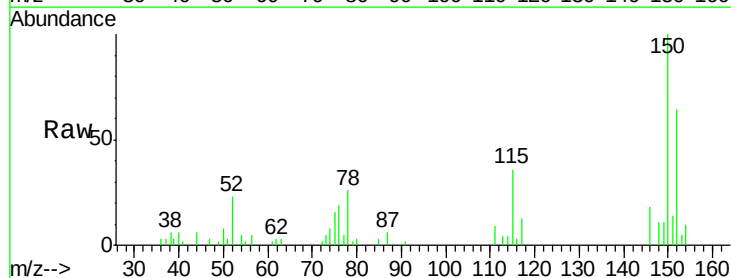
Tgt Ion:146 Resp: 1577

Ion Ratio Lower Upper

146 100

111 50.5 29.2 54.2

148 62.0 44.3 82.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

