

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036750.D
 Acq On : 12 Feb 2020 15:01
 Operator : JC/MD
 Sample : L1487-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT6

Quant Time: Feb 13 01:59:47 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	120550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47830	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	42889	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	61660	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	109543	50.39	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	5.11	84	74175	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.74	65	44234	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	163884	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	52321	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	150094	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	19048	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	94885	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40332	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	51595	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

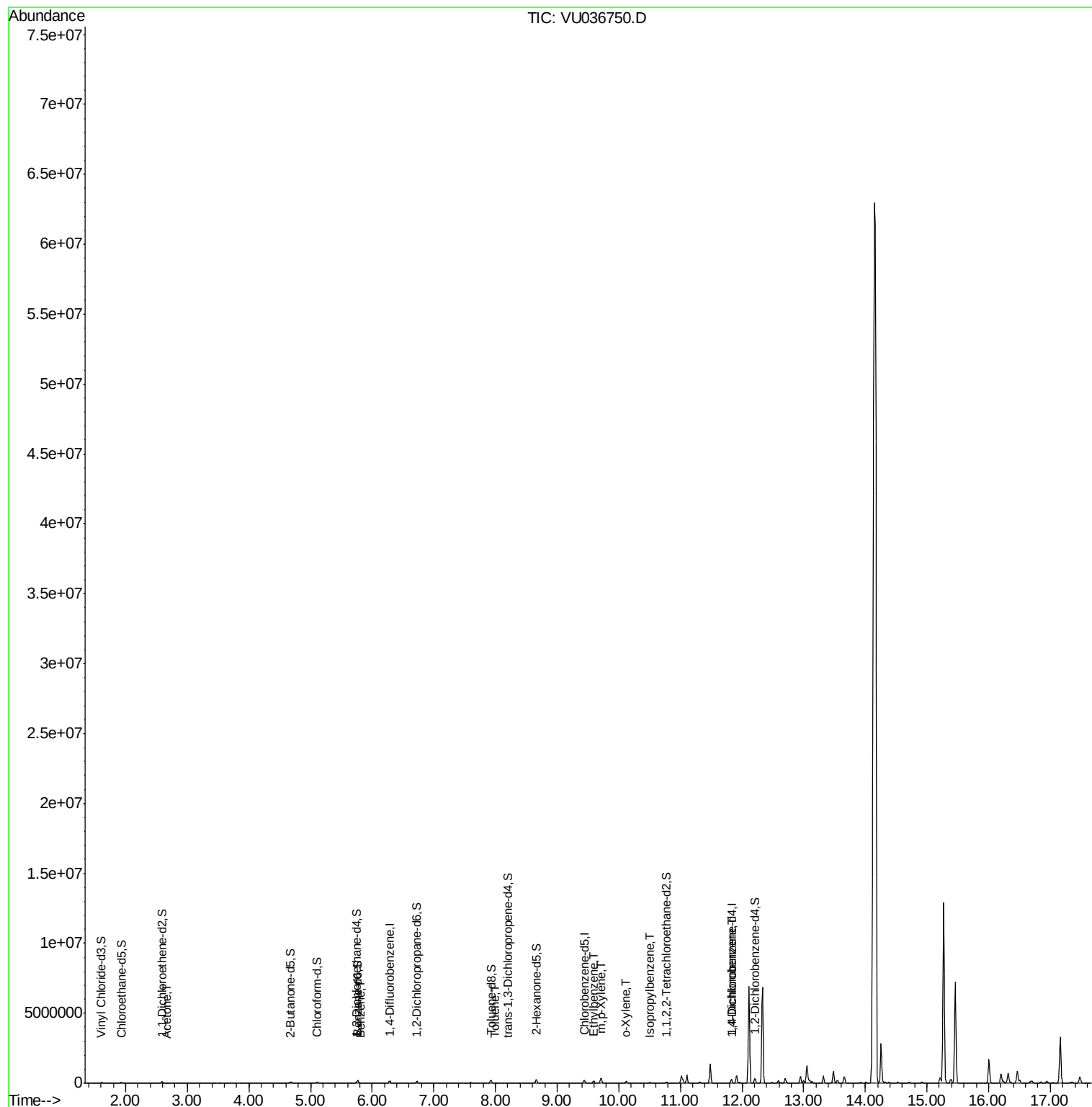
					Ovalue
13) Acetone	2.66	43	4794	1.724	ug/L 100
33) Benzene	5.81	78	27601	0.776	ug/L 100
42) Toluene	8.00	91	14280	0.374	ug/L 94
52) Ethylbenzene	9.59	91	102825	2.411	ug/L 99
53) m,p-Xylene	9.71	106	98133	6.253	ug/L 95
54) o-Xylene	10.12	106	36394	2.362	ug/L 97
56) Isopropylbenzene	10.50	105	33859	0.821	ug/L 99
63) 1,4-Dichlorobenzene	11.85	146	1498	0.077	ug/L 88

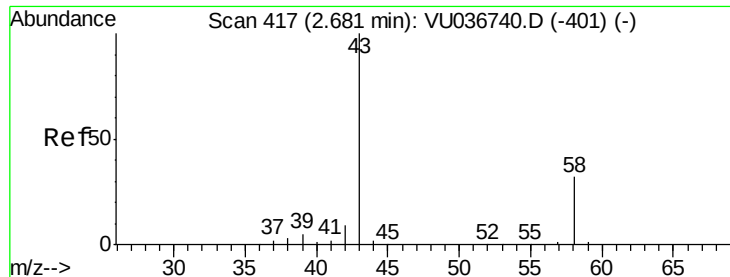
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.724 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

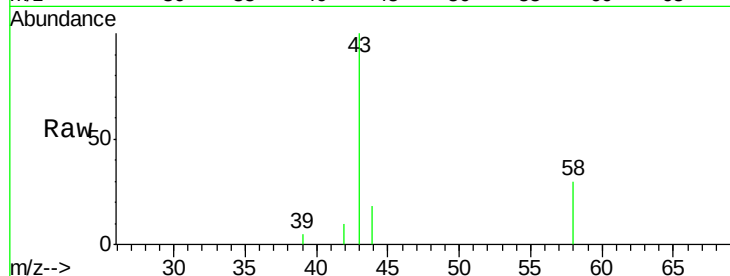
DBCT6

Tot Ion: 43 Resp: 4794

Ion Ratio Lower Upper

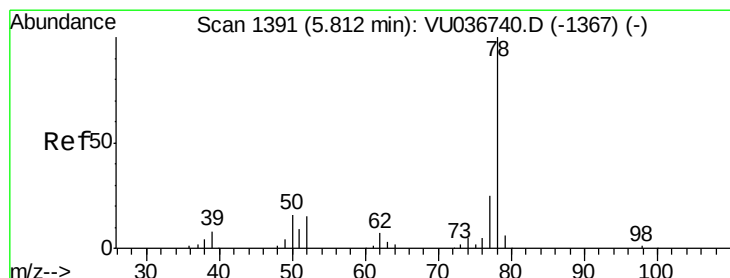
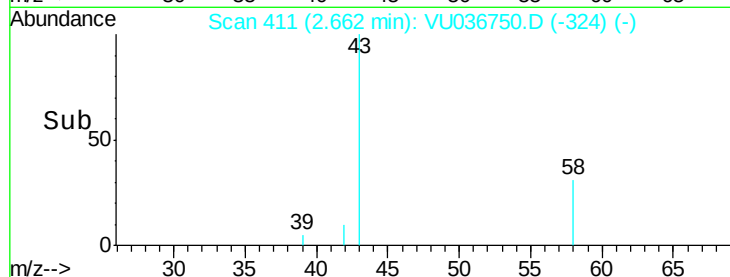
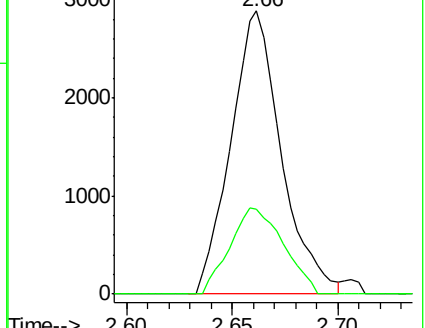
43 100

58 32.2 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: 0.776 ug/L

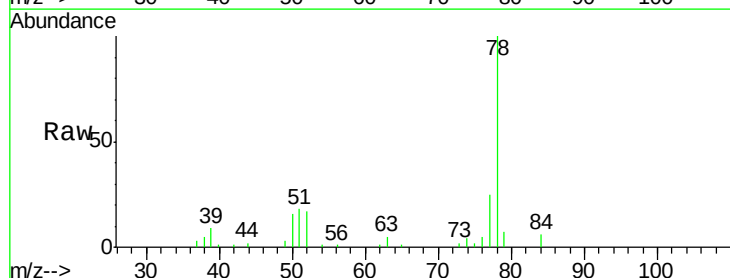
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036750.D

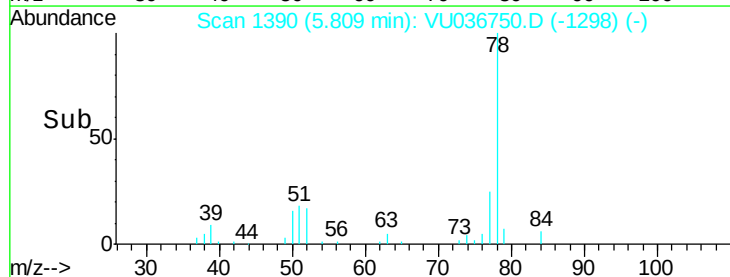
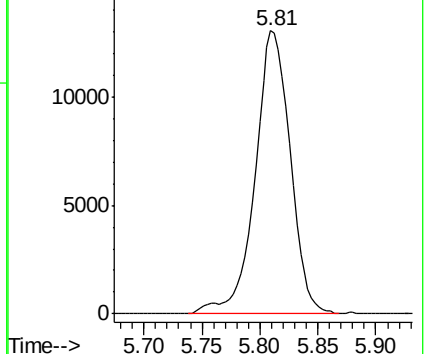
Acq: 12 Feb 2020 15:01

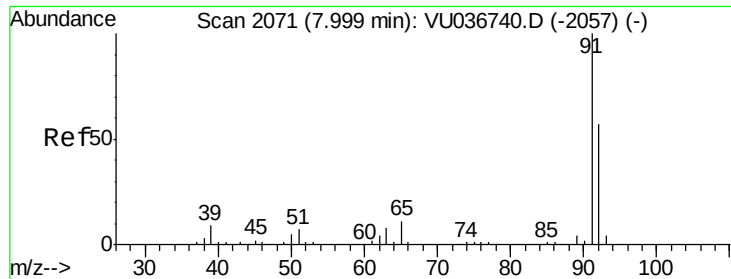
Tgt Ion: 78 Resp: 27601



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

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





#42

Toluene

Concen: 0.374 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

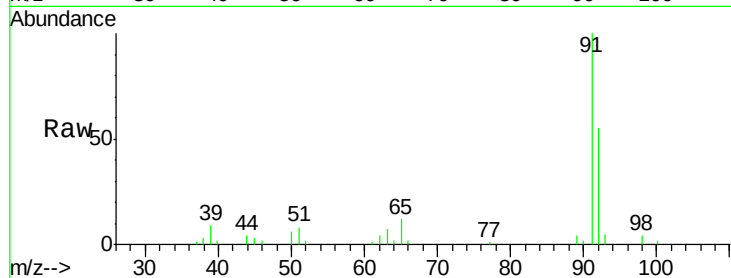
DBCT6

Tot Ion: 91 Resp: 14280

Ion Ratio Lower Upper

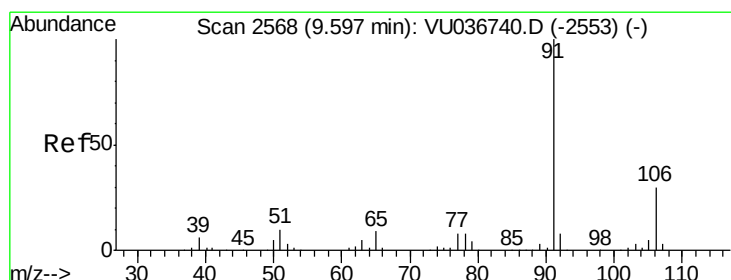
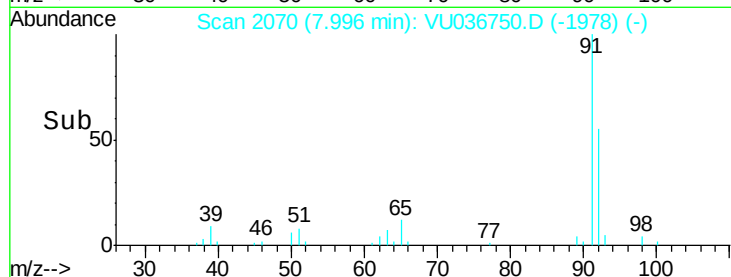
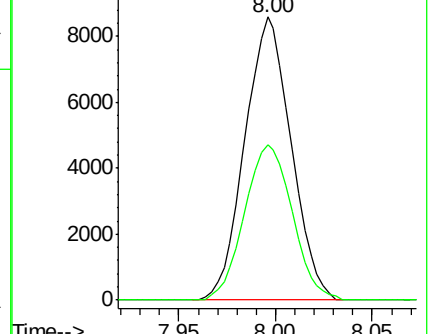
91 100

92 54.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 2.411 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.00 min

Lab File: VU036750.D

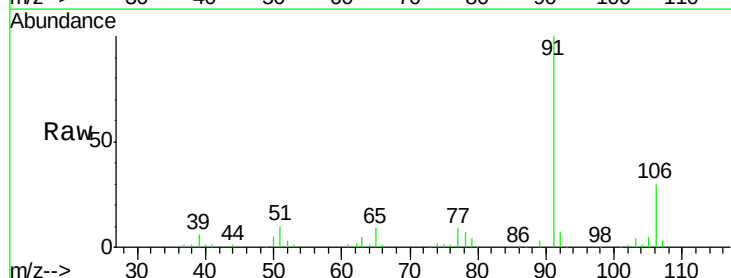
Acq: 12 Feb 2020 15:01

Tgt Ion: 91 Resp: 102825

Ion Ratio Lower Upper

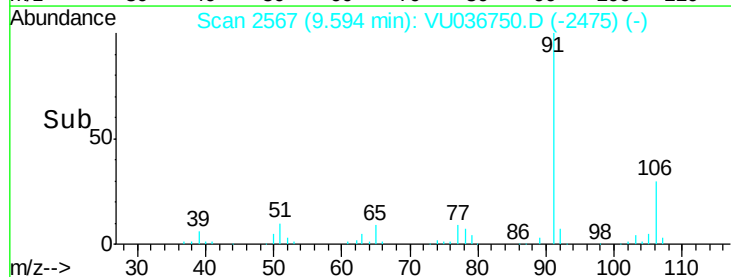
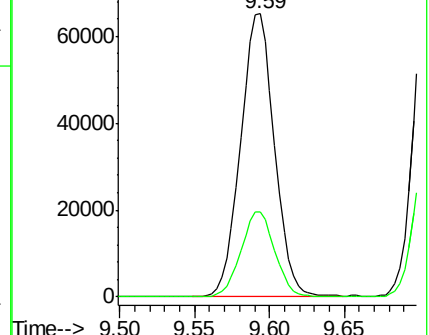
91 100

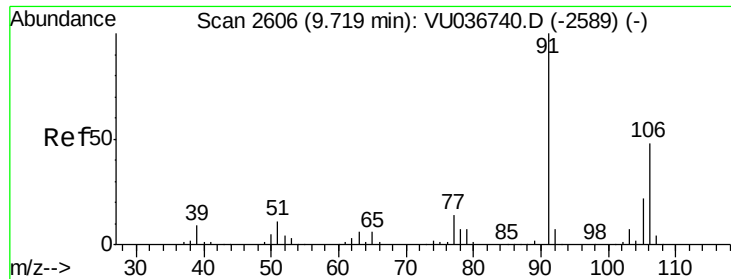
106 30.0 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 6.253 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.01 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

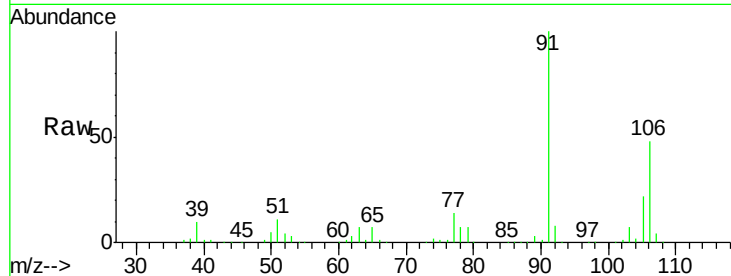
DBCT6

Tot Ion:106 Resp: 98133

Ion Ratio Lower Upper

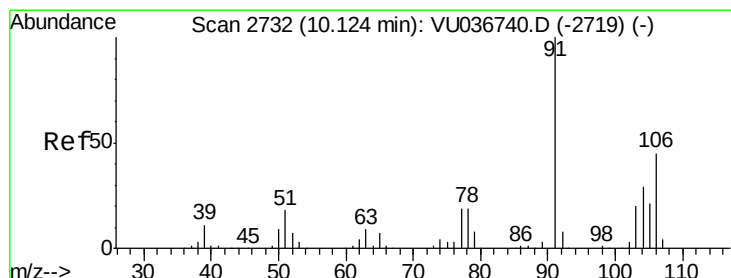
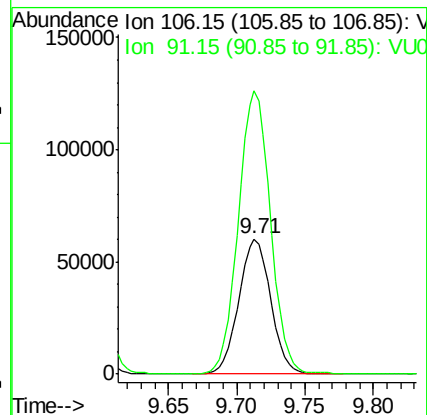
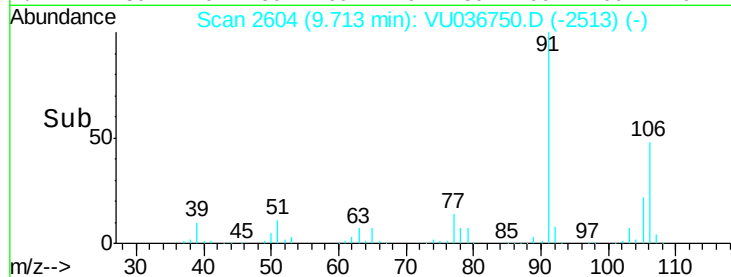
106 100

91 209.2 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 2.362 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036750.D

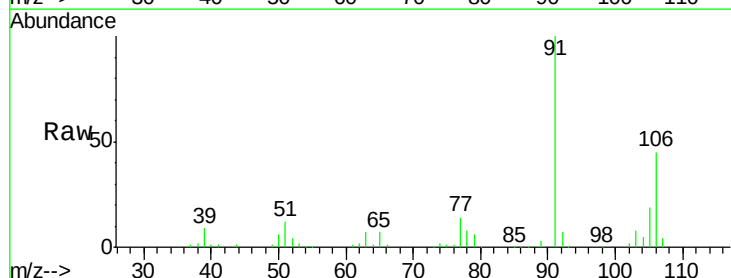
Acq: 12 Feb 2020 15:01

Tgt Ion:106 Resp: 36394

Ion Ratio Lower Upper

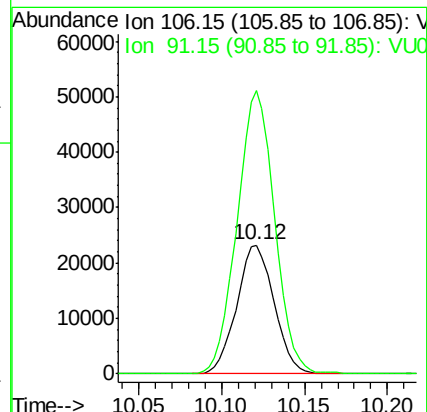
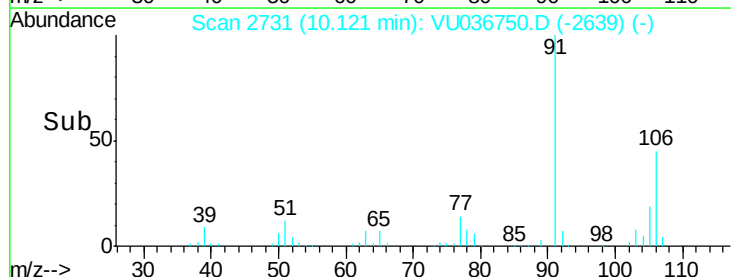
106 100

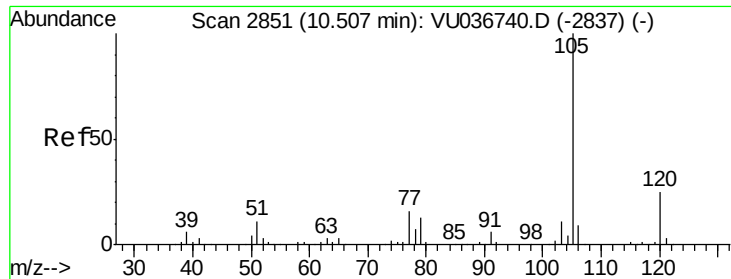
91 220.3 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.821 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

DBCT6

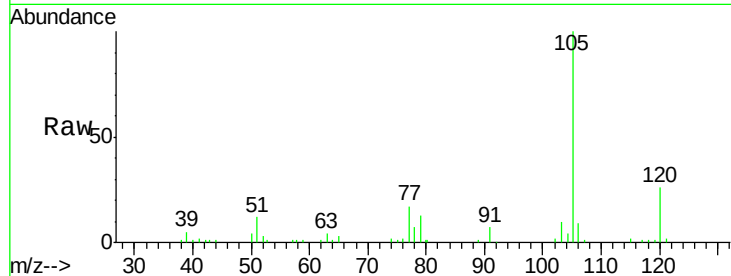
Tot Ion:105 Resp: 33859

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

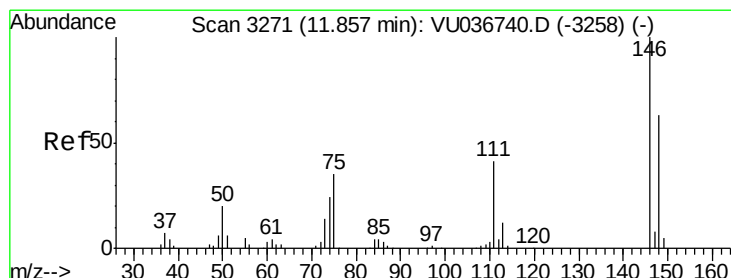
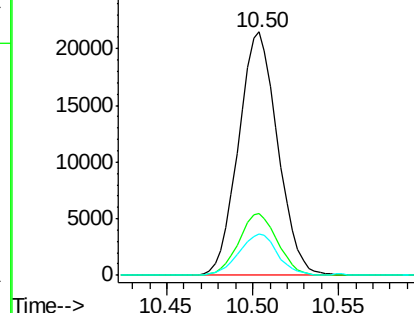
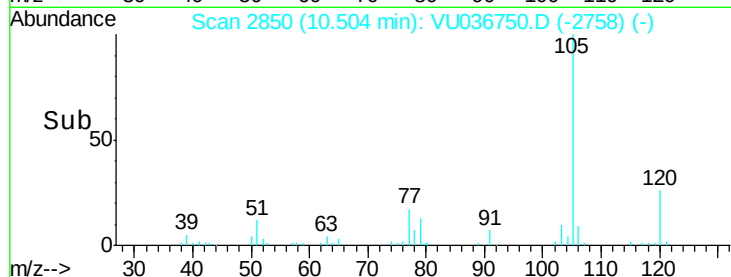
77 16.8 13.0 19.6



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: 0.077 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.01 min

Lab File: VU036750.D

Acq: 12 Feb 2020 15:01

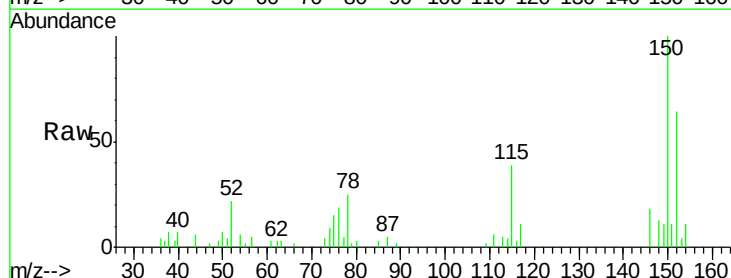
Tgt Ion:146 Resp: 1498

Ion Ratio Lower Upper

146 100

111 36.1 29.2 54.2

148 74.8 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

