

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036768.D
 Acq On : 13 Feb 2020 13:40
 Operator : JC/MD
 Sample : L1487-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT8DL

Quant Time: Feb 14 01:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 14 00:15:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	129183	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46466	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	42500	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	65993	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	116471	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.11	84	80213	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	47976	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	176930	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	57048	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.92	98	161554	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.21	79	20084	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.66	63	104275	50.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43268	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	55324	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

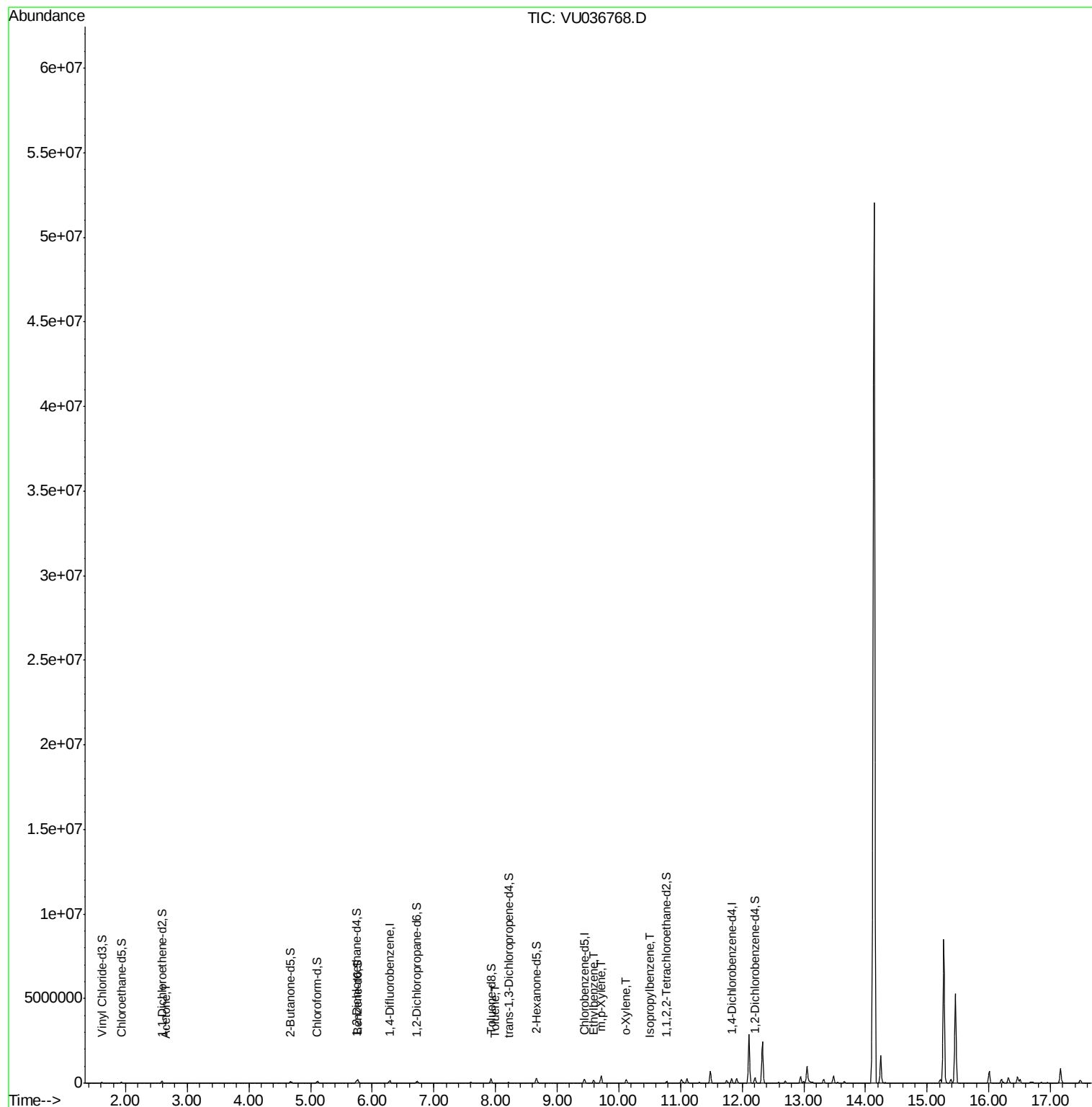
					Ovalue
13) Acetone	2.66	43	2856	0.959 ug/L	93
42) Toluene	8.00	91	19374	0.488 ug/L	96
52) Ethylbenzene	9.59	91	127748	2.883 ug/L	100
53) m,p-Xylene	9.71	106	118273	7.252 ug/L	97
54) o-Xylene	10.12	106	50270	3.139 ug/L	92
56) Isopropylbenzene	10.50	105	13726	0.320 ug/L	100

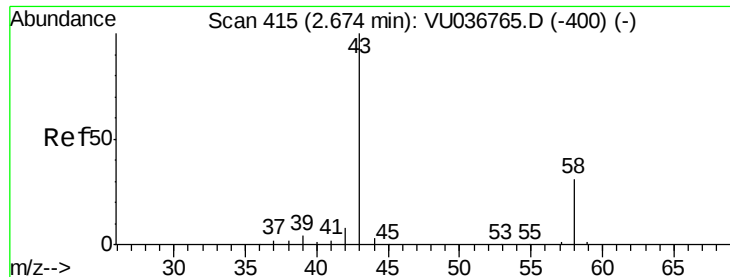
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.959 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU036768.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

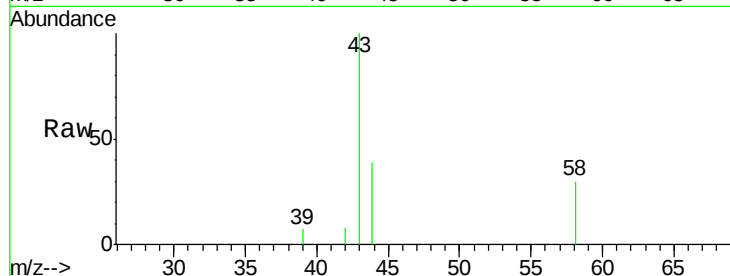
DBCT8DL

Tot Ion: 43 Resp: 2856

Ion Ratio Lower Upper

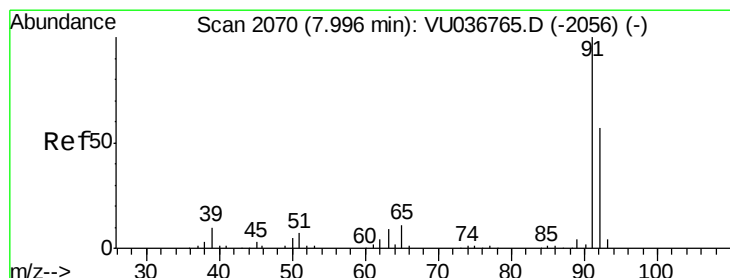
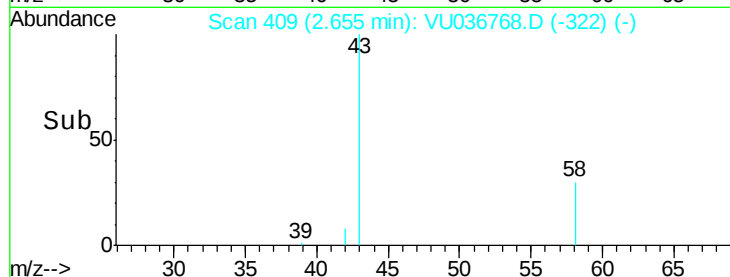
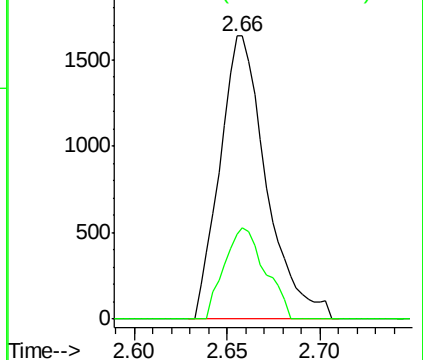
43 100

58 28.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036768.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036768.D (-322) (-)



#42

Toluene

Concen: 0.488 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036768.D

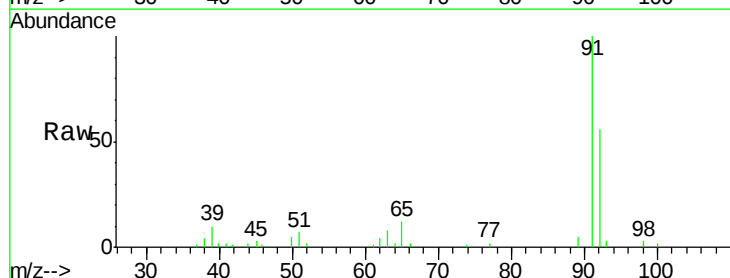
Acq: 13 Feb 2020 13:40

Tgt Ion: 91 Resp: 19374

Ion Ratio Lower Upper

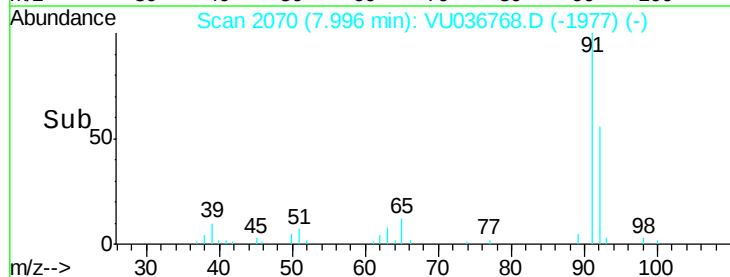
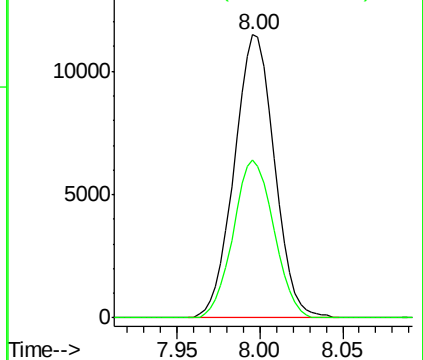
91 100

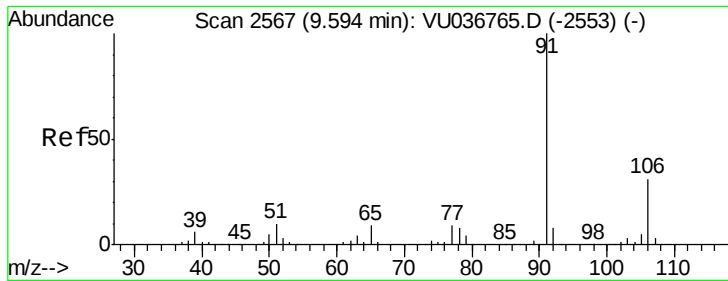
92 55.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036768.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU036768.D (-1977) (-)





#52

Ethylbenzene

Concen: 2.883 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036768.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleID :

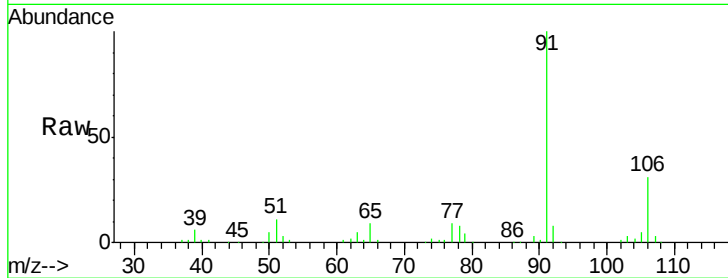
DBCT8DL

Tot Ion: 91 Resp: 127748

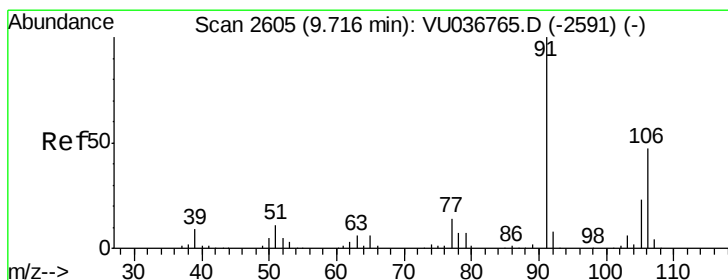
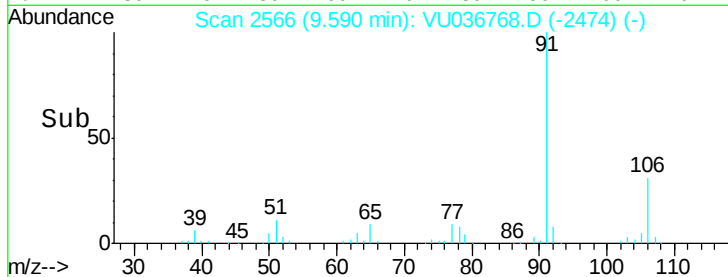
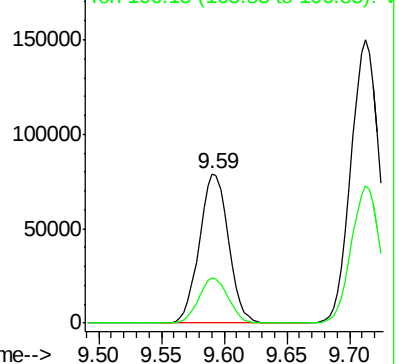
Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036765.D (-2553) (-)



#53

m,p-Xylene

Concen: 7.252 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036768.D

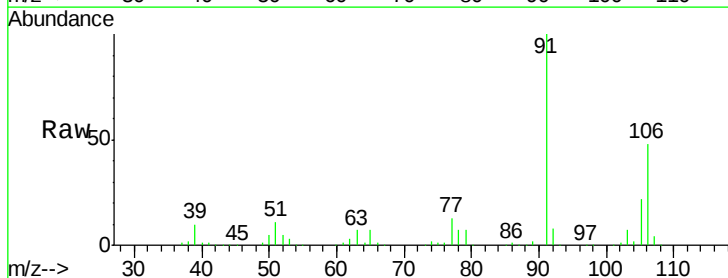
Acq: 13 Feb 2020 13:40

Tgt Ion: 106 Resp: 118273

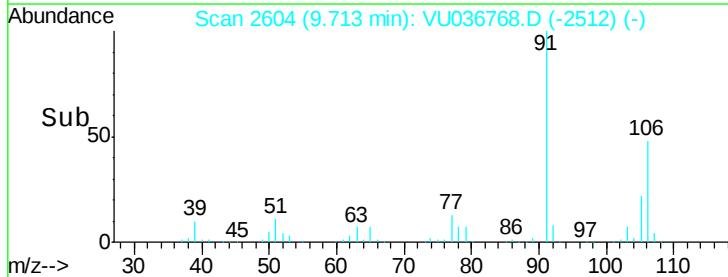
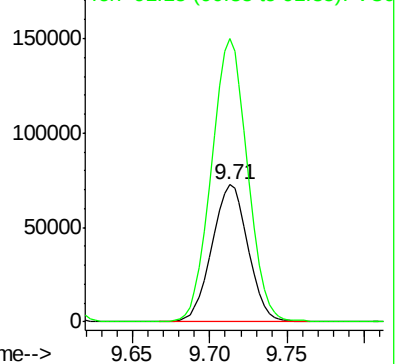
Ion Ratio Lower Upper

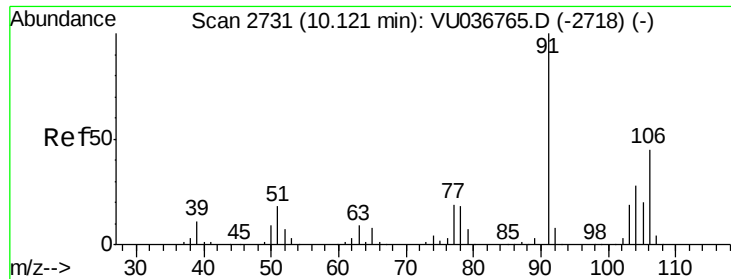
106 100

91 206.6 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036765.D (-2591) (-)





#54

o-Xylene

Concen: 3.139 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036768.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

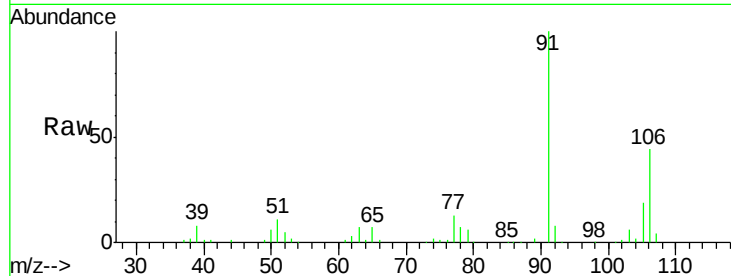
DBCT8DL

Tot Ion:106 Resp: 50270

Ion Ratio Lower Upper

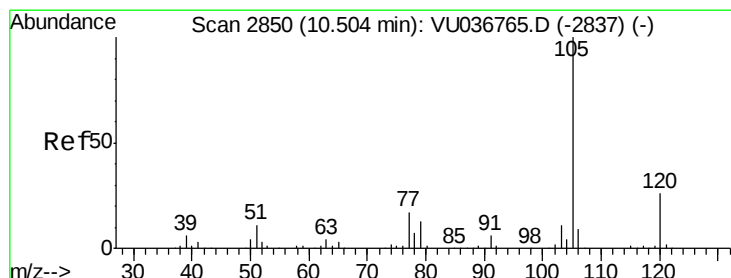
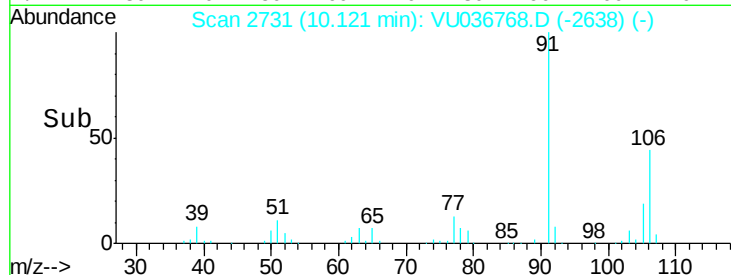
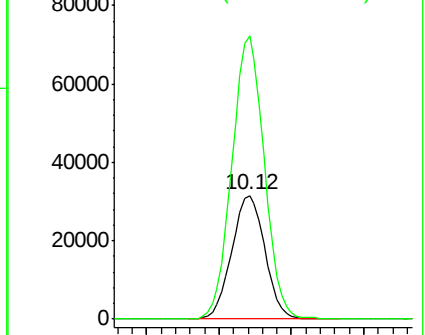
106 100

91 229.3 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.320 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036768.D

Acq: 13 Feb 2020 13:40

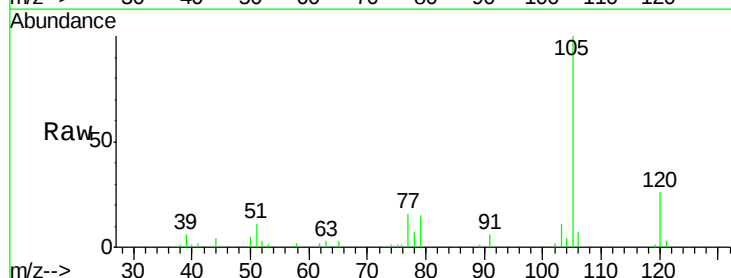
Tgt Ion:105 Resp: 13726

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.1 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): VU0

