

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038390.D
 Acq On : 29 May 2020 20:47
 Operator : JC/MD
 Sample : L2749-18 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y2

Quant Time: May 30 01:45:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89527	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.93	69	82501	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.40%
11) 1,1-Dichloroethene-d2	2.59	63	136921	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	338793	51.40	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.10	84	193218	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	115952	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	398261	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	123311	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.92	98	344575	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	46665	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.65	63	280717	53.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105241	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	138606	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

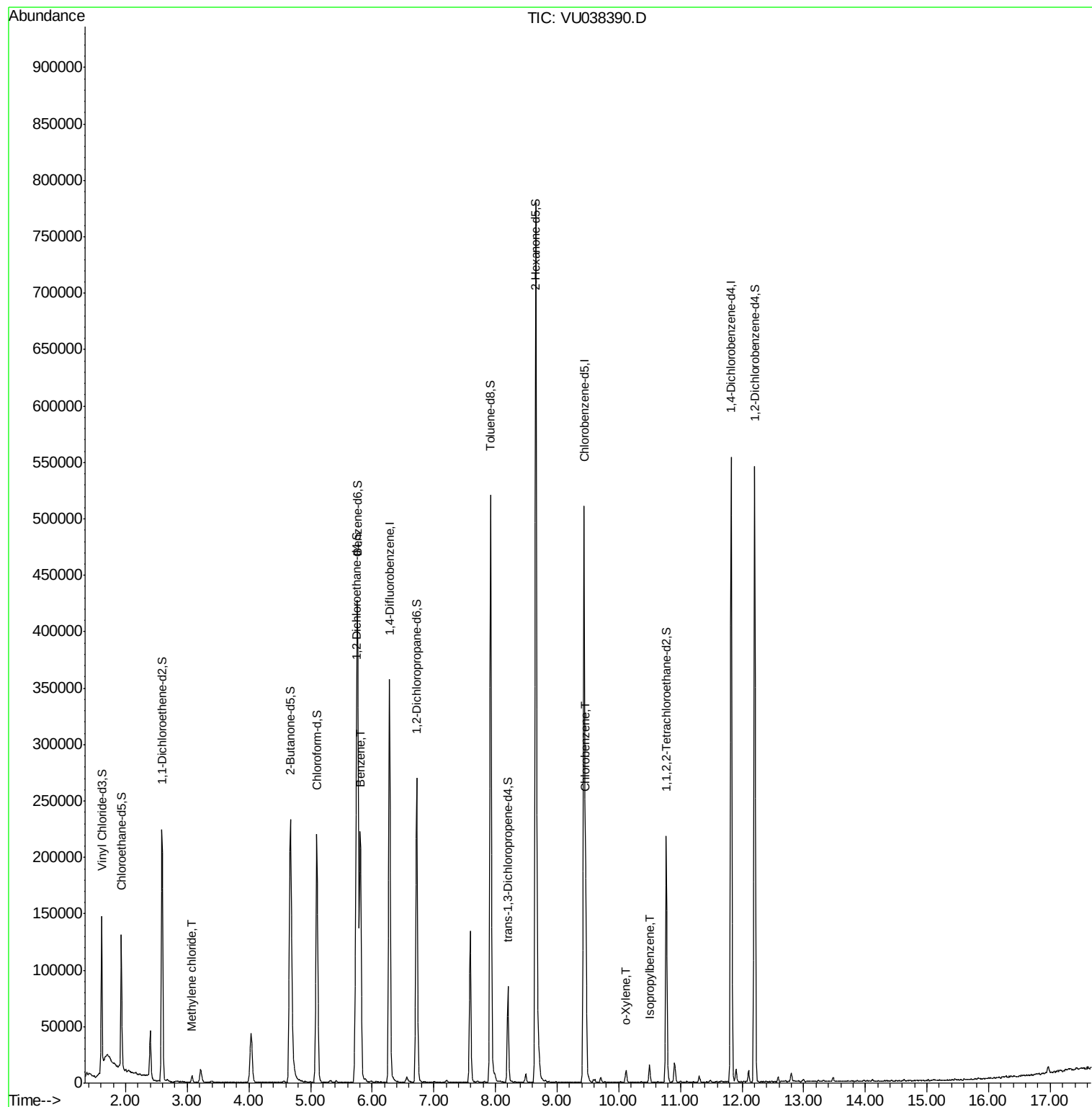
Target Compounds					Qvalue
16) Methylene chloride	3.08	84	2466	0.10 ug/L	97
33) Benzene	5.81	78	204864	2.23 ug/L	100
51) Chlorobenzene	9.47	112	80914	1.34 ug/L	98
54) o-Xylene	10.12	106	2742	0.07 ug/L	89
56) Isopropylbenzene	10.50	105	9844	0.10 ug/L	99

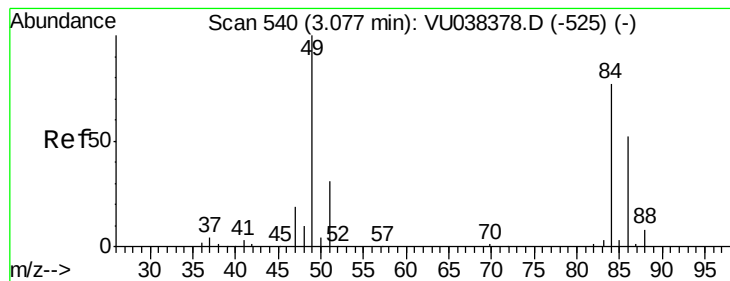
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.10 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

BE4Y2

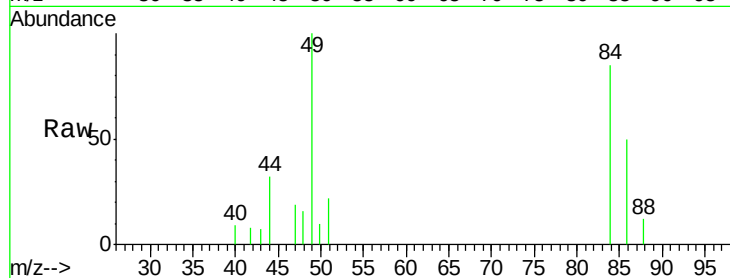
Tgt Ion: 84 Resp: 2466

Ion Ratio Lower Upper

84 100

86 59.3 44.9 83.3

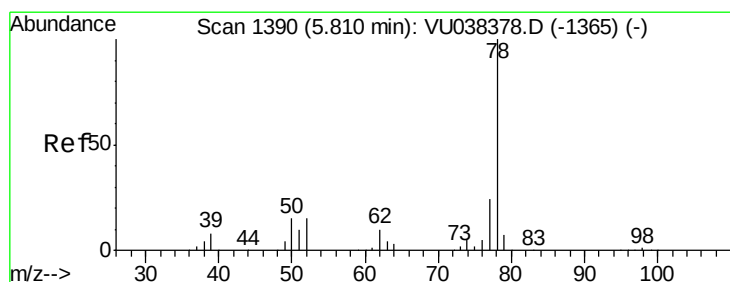
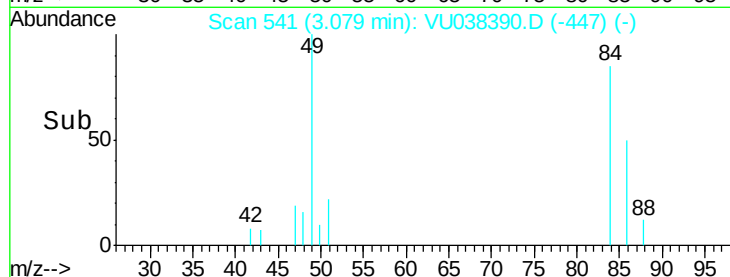
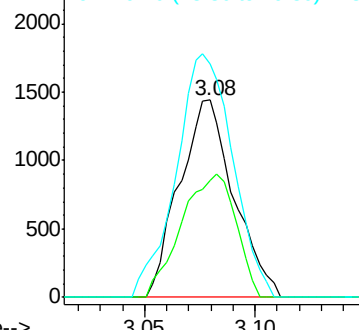
49 129.8 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038378.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038378.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038378.D (-525) (-)



#33

Benzene

Concen: 2.23 ug/L

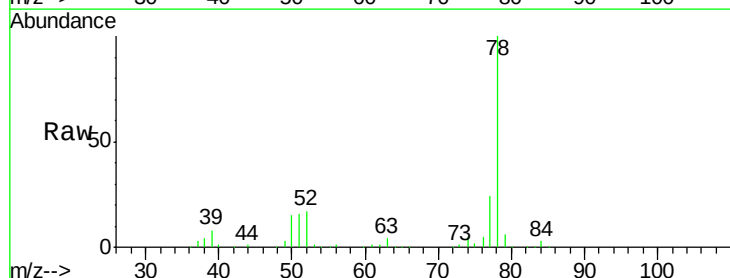
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Tgt Ion: 78 Resp: 204864



Abundance Ion 78.10 (77.80 to 78.80): VU038378.D (-1365) (-)

Ion 84.00 (83.70 to 84.70): VU038378.D (-1365) (-)

Ion 98.00 (97.70 to 98.70): VU038378.D (-1365) (-)

Ion 73.00 (72.70 to 73.70): VU038378.D (-1365) (-)

Ion 63.00 (62.70 to 63.70): VU038378.D (-1365) (-)

Ion 52.00 (51.70 to 52.70): VU038378.D (-1365) (-)

Ion 44.00 (43.70 to 44.70): VU038378.D (-1365) (-)

Ion 39.00 (38.70 to 39.70): VU038378.D (-1365) (-)

Ion 31.00 (30.70 to 31.70): VU038378.D (-1365) (-)

Ion 25.00 (24.70 to 25.70): VU038378.D (-1365) (-)

Ion 15.00 (14.70 to 15.70): VU038378.D (-1365) (-)

Ion 13.00 (12.70 to 13.70): VU038378.D (-1365) (-)

Ion 11.00 (10.70 to 11.70): VU038378.D (-1365) (-)

Ion 9.00 (8.70 to 9.70): VU038378.D (-1365) (-)

Ion 7.00 (6.70 to 7.70): VU038378.D (-1365) (-)

Ion 5.00 (4.70 to 5.70): VU038378.D (-1365) (-)

Ion 3.00 (2.70 to 3.70): VU038378.D (-1365) (-)

Ion 1.00 (0.70 to 1.70): VU038378.D (-1365) (-)

Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

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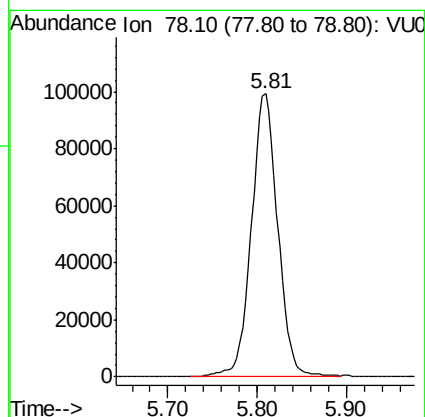
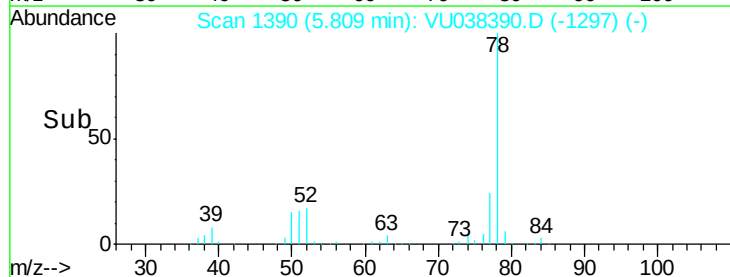
Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

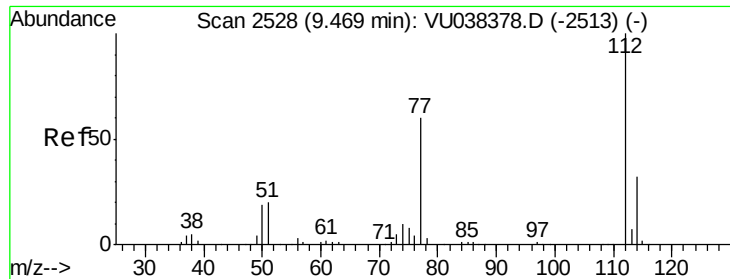
Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)

Ion 0.00 (0.00 to 0.00): VU038378.D (-1365) (-)





#51

Chlorobenzene

Concen: 1.34 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

BE4Y2

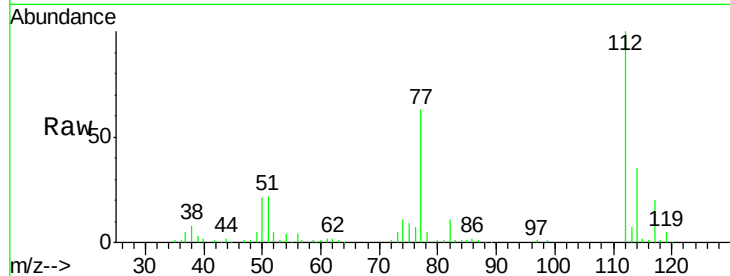
Tgt Ion:112 Resp: 80914

Ion Ratio Lower Upper

112 100

114 34.8 22.5 41.7

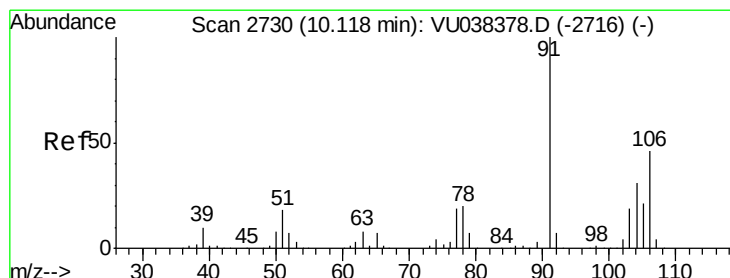
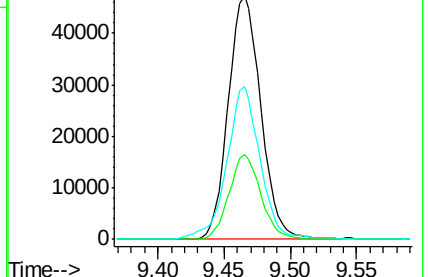
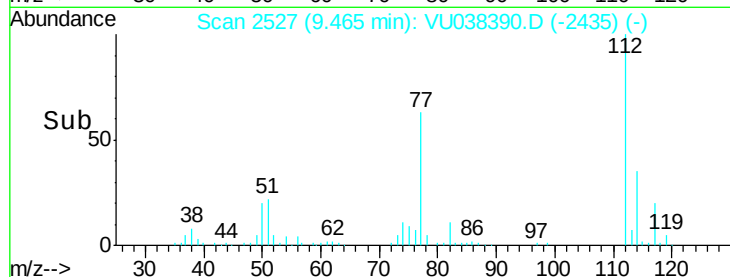
77 62.7 49.9 74.9



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



#54

o-Xylene

Concen: 0.07 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038390.D

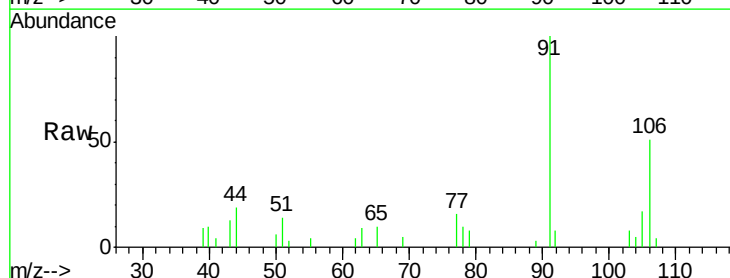
Acq: 29 May 2020 20:47

Tgt Ion:106 Resp: 2742

Ion Ratio Lower Upper

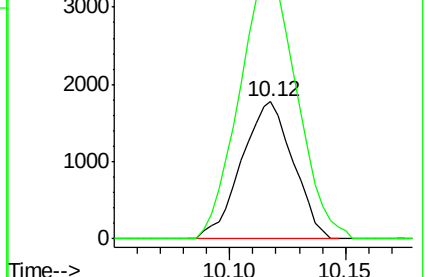
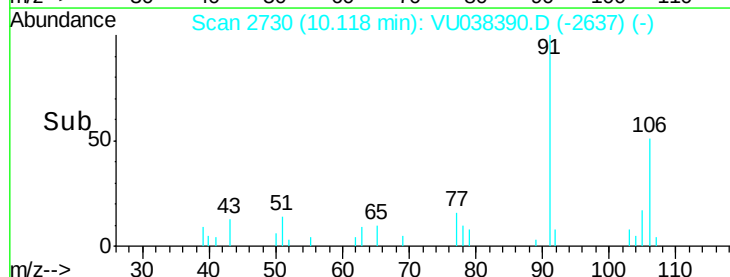
106 100

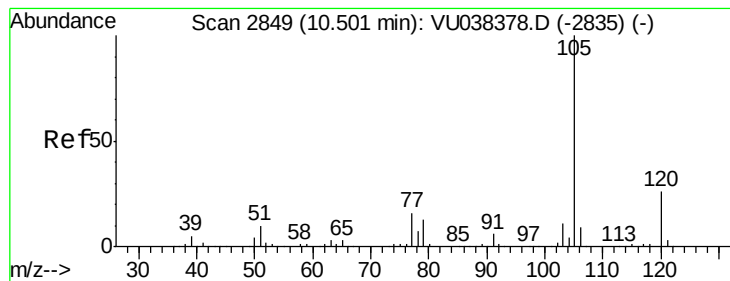
91 195.1 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): V





#56

Isopropylbenzene

Concen: 0.10 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

BE4Y2

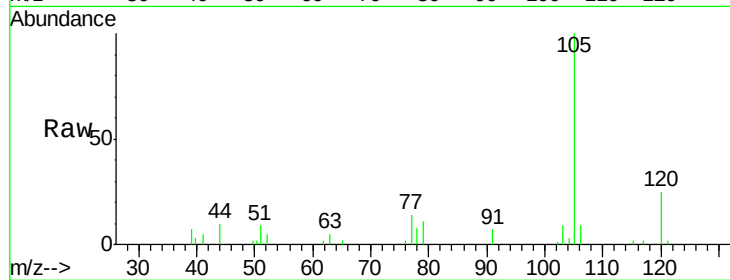
Tgt Ion:105 Resp: 9844

Ion Ratio Lower Upper

105 100

120 27.4 21.0 31.6

77 16.1 13.0 19.4



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): VU

