

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039123.D
 Acq On : 25 Jun 2020 17:56
 Operator : SY/MD
 Sample : L3110-02DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F12DL

Quant Time: Jun 26 03:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258947	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	242292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	104734	5.00	ug/L	0.00

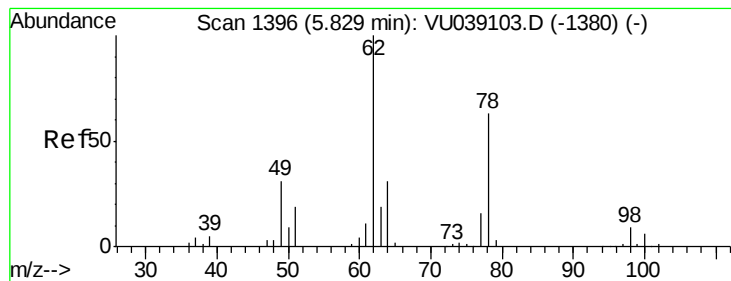
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87642	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	83394	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.59	63	131389	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.67	46	410931	60.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.10%
24) Chloroform-d	5.10	84	191955	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	125422	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.76	84	369770	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.72	67	124114	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.92	98	283274	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	49237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.65	63	304978	60.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115720	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	114869	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

					Ovalue
27) 1,2-Dichloroethane	5.83	62	60038	2.198 ug/L	96
30) Cyclohexane	5.42	56	9874	0.351 ug/L	96
33) Benzene	5.81	78	1629234	21.401 ug/L	100
42) Toluene	7.99	91	24298	0.322 ug/L	92
52) Ethylbenzene	9.59	91	140171	1.765 ug/L	100
53) m,p-Xylene	9.71	106	19312	0.661 ug/L	87
54) o-Xylene	10.11	106	2058	0.073 ug/L	97
56) Isopropylbenzene	10.50	105	11014	0.150 ug/L	97

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



#27

1,2-Dichloroethane

Concen: 2.198 ug/L

RT: 5.83 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VU039123.D

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Instrument :

MSVOA_U

ClientSampleId :

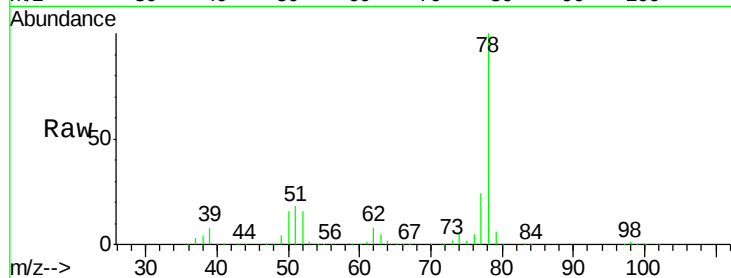
F9F12DL

Tot Ion: 62 Resp: 60038

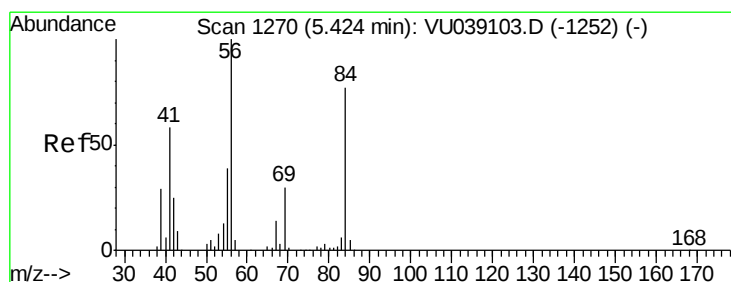
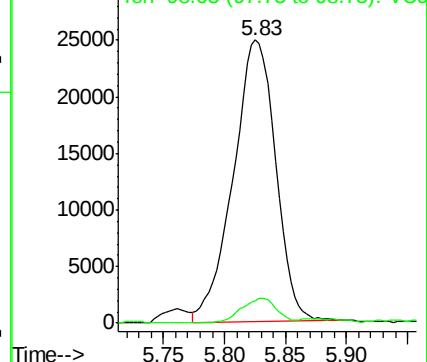
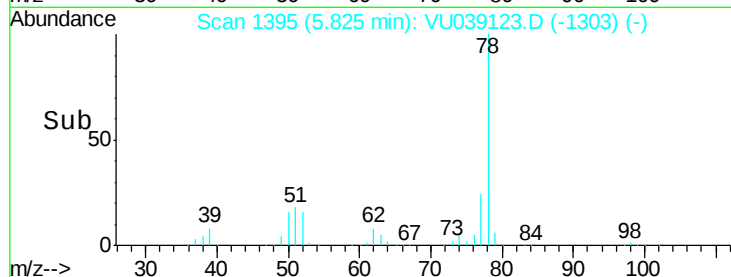
Ion Ratio Lower Upper

62 100

98 8.0 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VU039123.D (-1303) (-)



#30

Cyclohexane

Concen: 0.351 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU039123.D

Acq: 25 Jun 2020 17:56

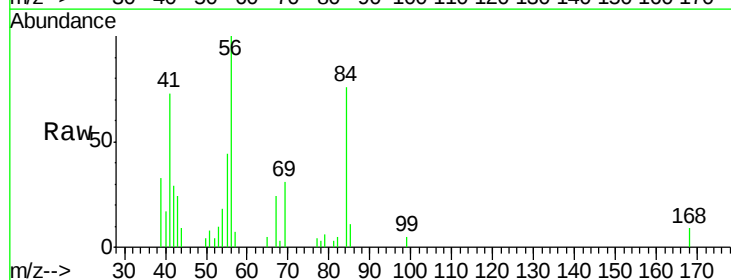
Tgt Ion: 56 Resp: 9874

Ion Ratio Lower Upper

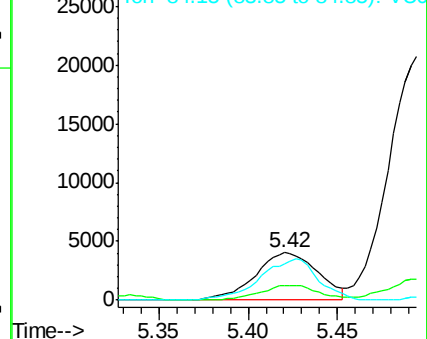
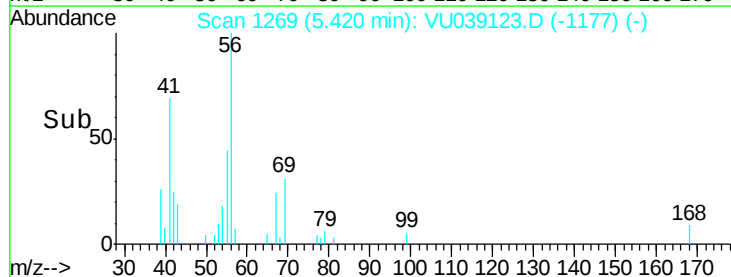
56 100

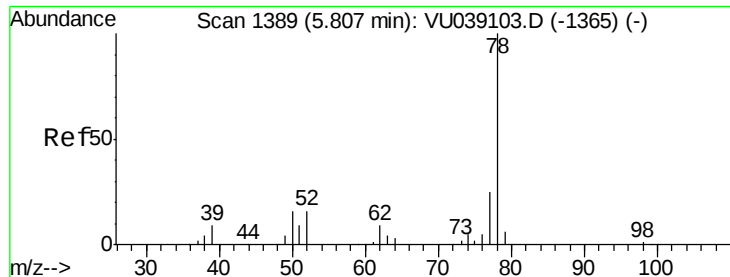
69 30.0 23.3 34.9

84 79.6 67.1 100.7



Abundance Ion 56.10 (55.80 to 56.80): VU039123.D (-1177) (-)





#33

Benzene

Concen: 21.401 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU039123.D

Acq: 25 Jun 2020 17:56

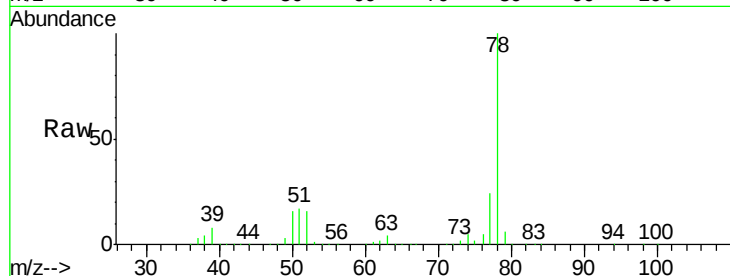
Instrument :

MSVOA_U

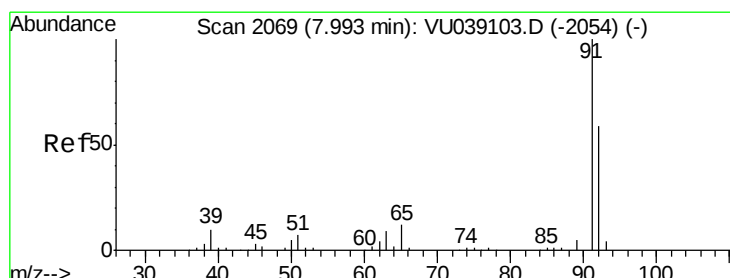
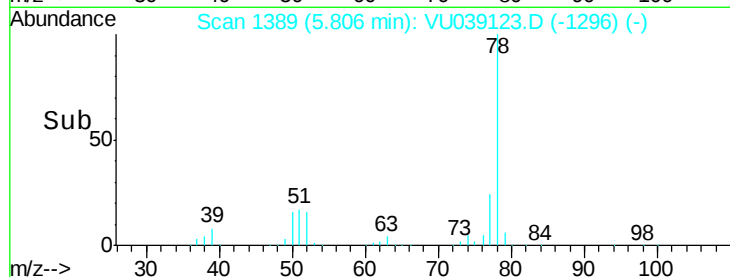
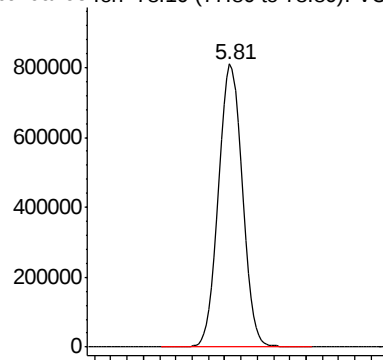
ClientSampleId :

F9F12DL

Tgt Ion: 78 Resp: 1629234



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.322 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: VU039123.D

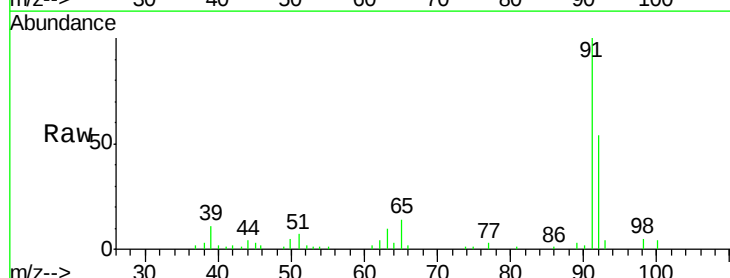
Acq: 25 Jun 2020 17:56

Tgt Ion: 91 Resp: 24298

Ion Ratio Lower Upper

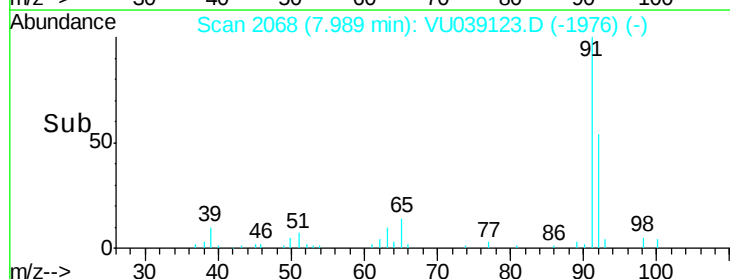
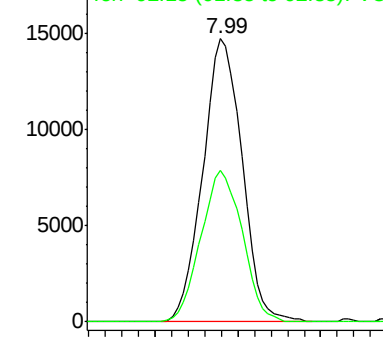
91 100

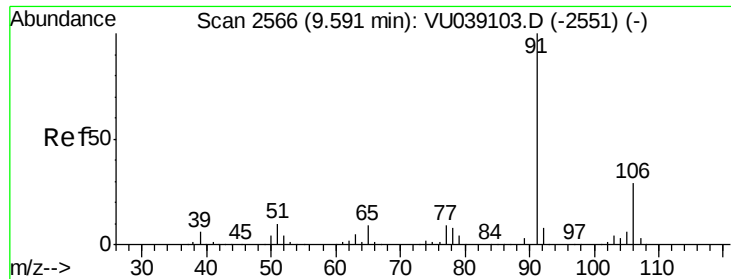
92 53.7 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 1.765 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU039123.D

Acq: 25 Jun 2020 17:56

Instrument :

MSVOA_U

ClientSampleId :

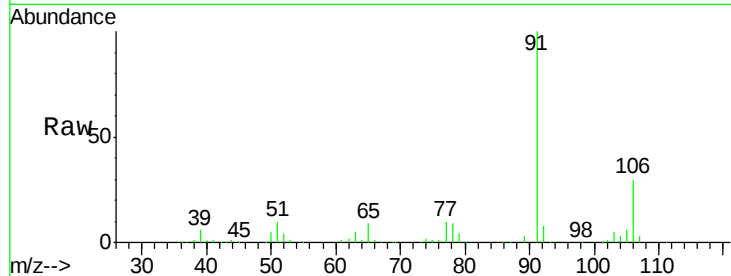
F9F12DL

Tot Ion: 91 Resp: 140171

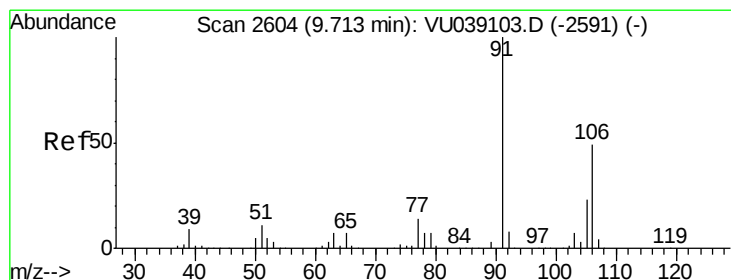
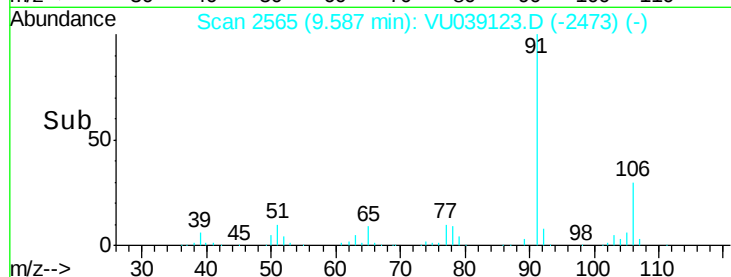
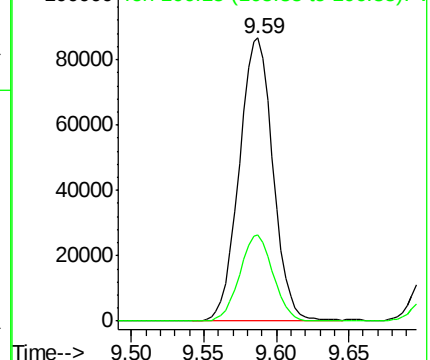
Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039123.D (-2551) (-)



#53

m,p-Xylene

Concen: 0.661 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU039123.D

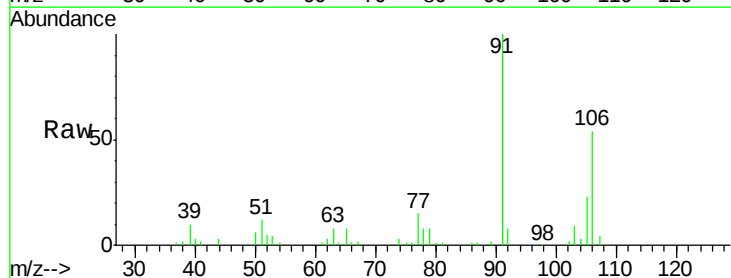
Acq: 25 Jun 2020 17:56

Tgt Ion: 106 Resp: 19312

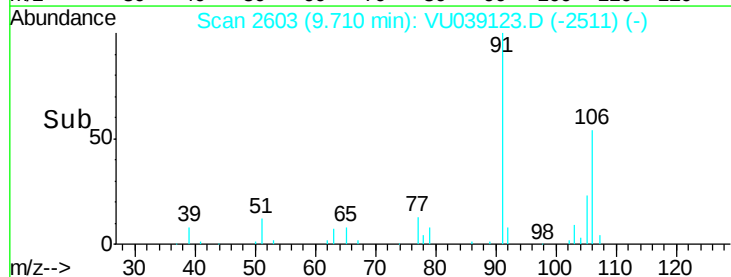
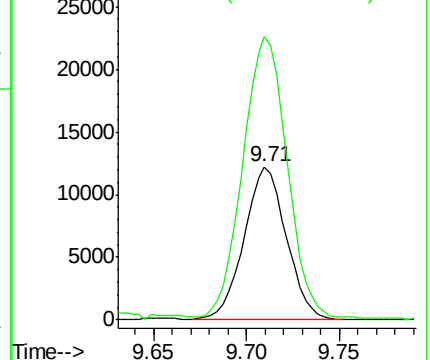
Ion Ratio Lower Upper

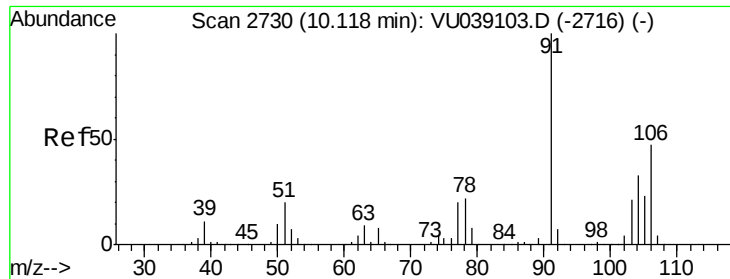
106 100

91 184.7 143.6 266.8



Abundance Ion 106.15 (105.85 to 106.85): VU039123.D (-2591) (-)

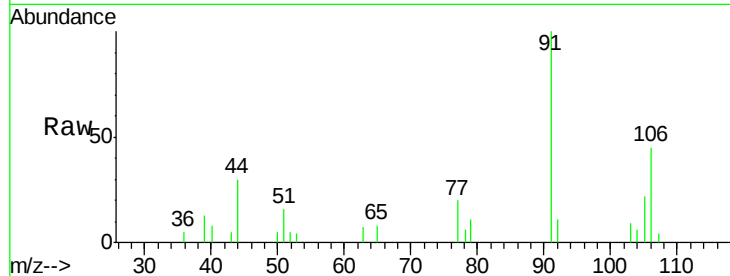




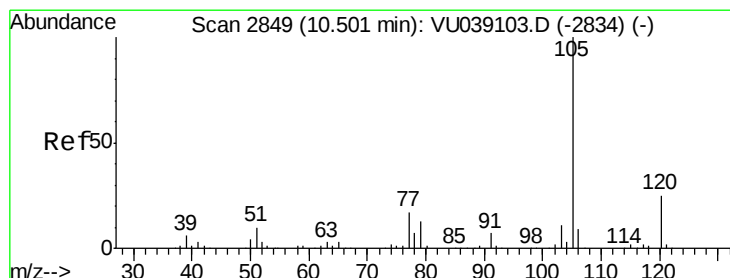
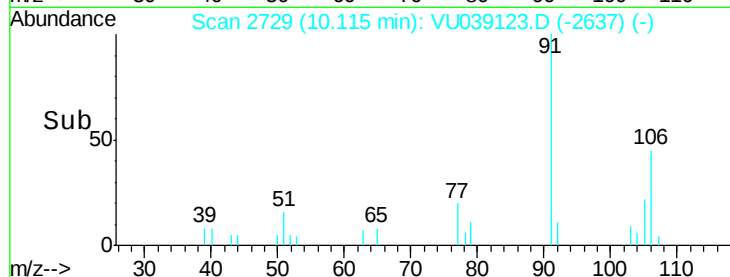
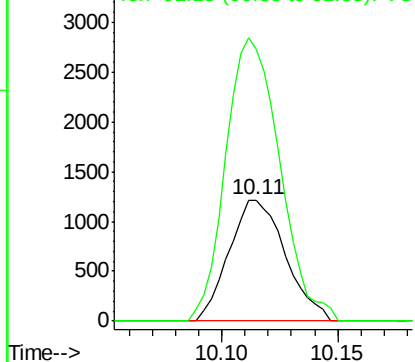
#54
o-Xylene
Concen: 0.073 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039123.D
Acq: 25 Jun 2020 17:56

Instrument :
MSVOA_U
ClientSampled :
F9F12DL

Tot Ion:106 Resp: 2058
Ion Ratio Lower Upper
106 100
91 224.0 153.5 285.1

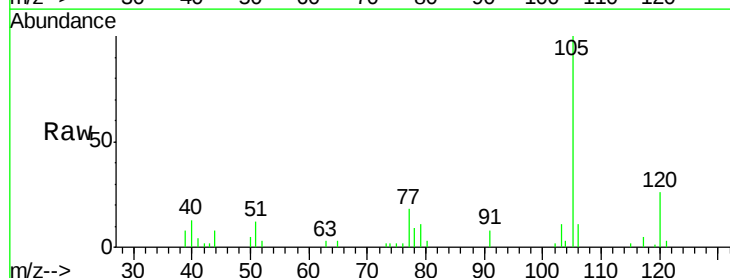


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 0.150 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VU039123.D
Acq: 25 Jun 2020 17:56

Tgt Ion:105 Resp: 11014
Ion Ratio Lower Upper
105 100
120 26.6 19.9 29.9
77 17.7 13.3 19.9



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

