

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040203.D
 Acq On : 18 Sep 2020 12:10
 Operator : SY/MD
 Sample : L4046-08DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P6DL

Quant Time: Sep 18 23:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32326	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	32339	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	58314	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	158861	53.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	5.09	84	82007	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	53238	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	150798	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	51227	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	121742	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	21209	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	114820	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46770	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	50997	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

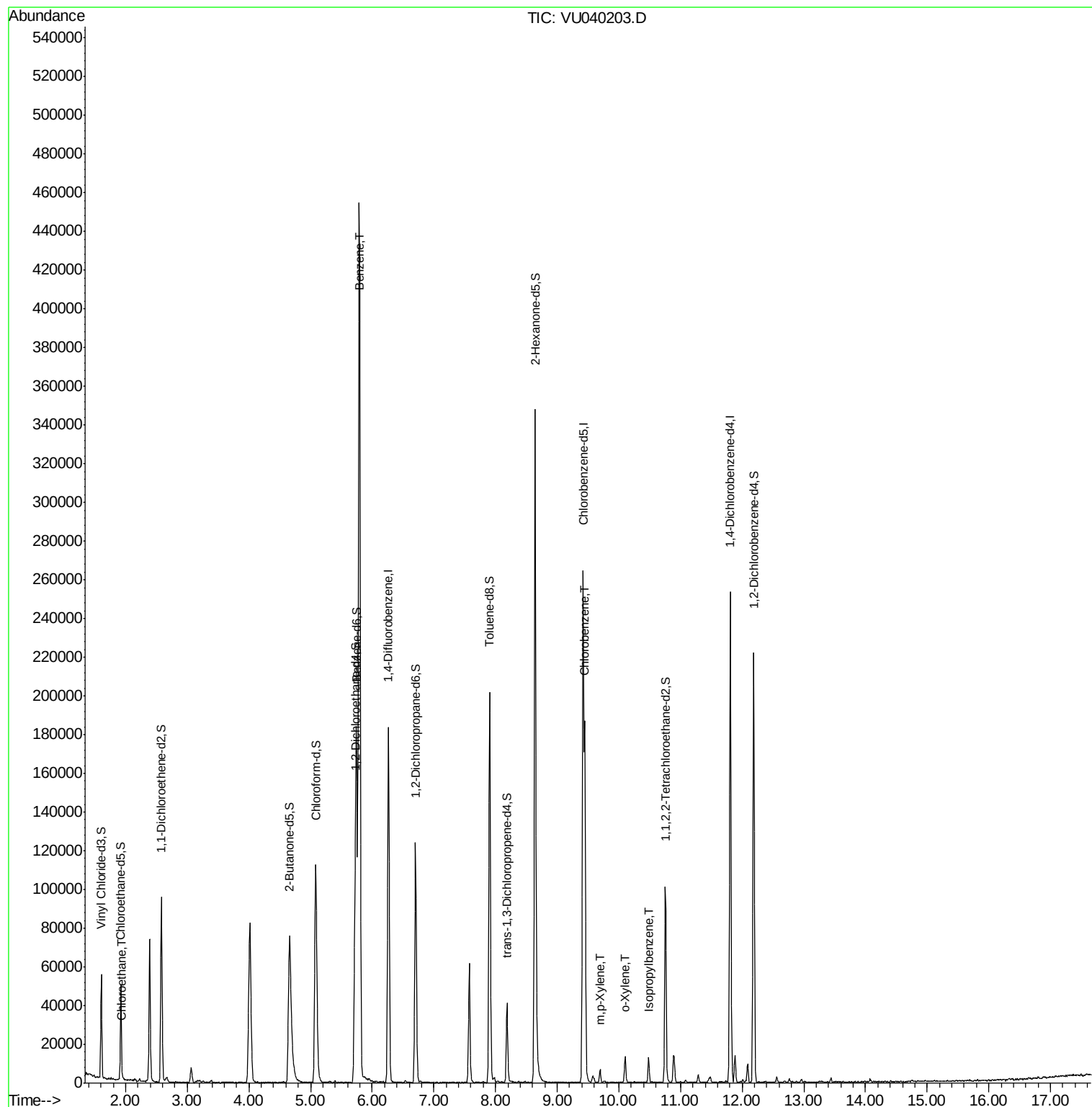
					Ovalue
8) Chloroethane	1.95	64	988	0.125 ug/L	# 76
33) Benzene	5.79	78	401339	8.437 ug/L	100
51) Chlorobenzene	9.45	112	86679	2.850 ug/L	96
53) m,p-Xylene	9.70	106	1549	0.078 ug/L	94
54) o-Xylene	10.10	106	3049	0.161 ug/L	97
56) Isopropylbenzene	10.48	105	8184	0.159 ug/L	98

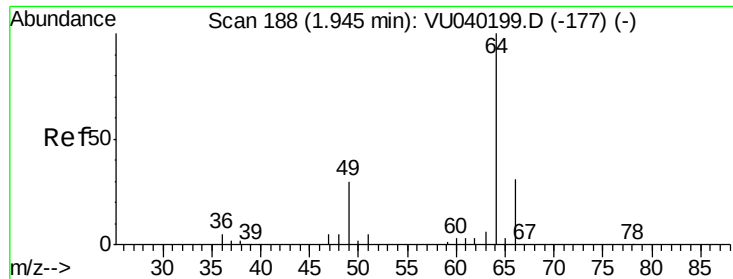
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

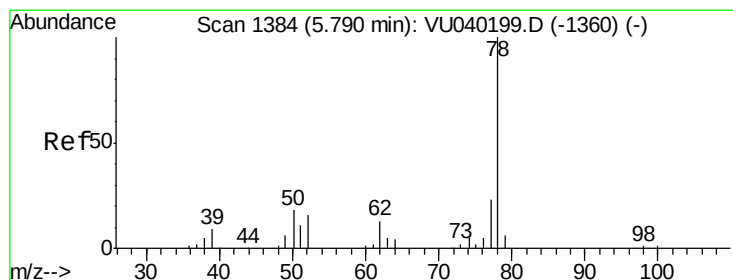
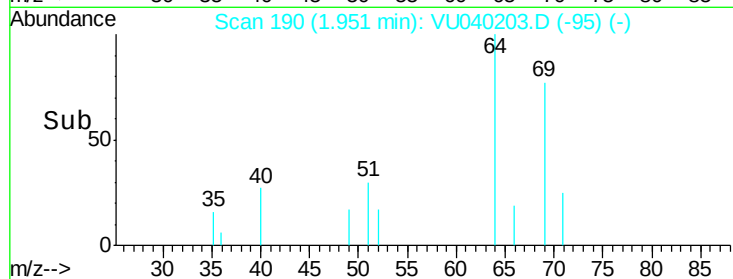
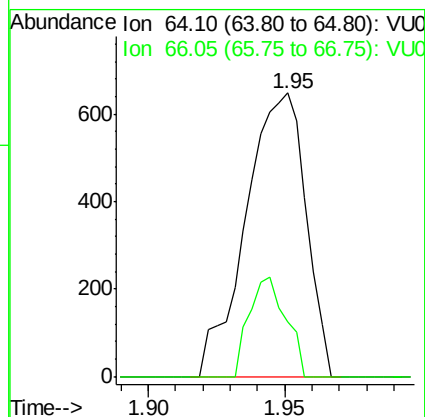
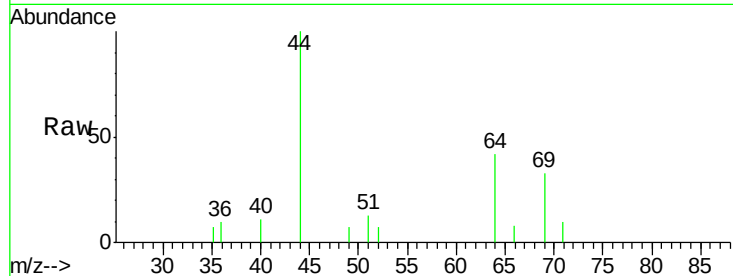




#8
Chloroethane
Concen: 0.125 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

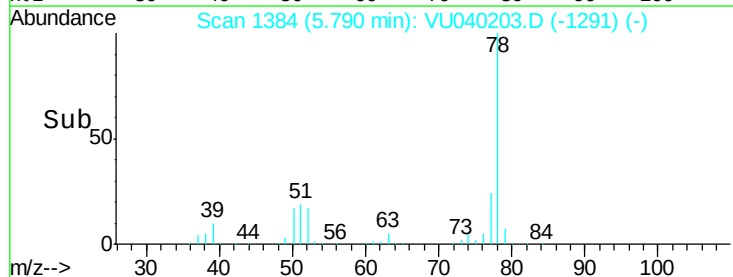
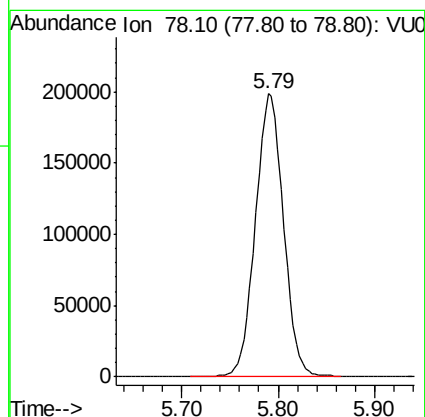
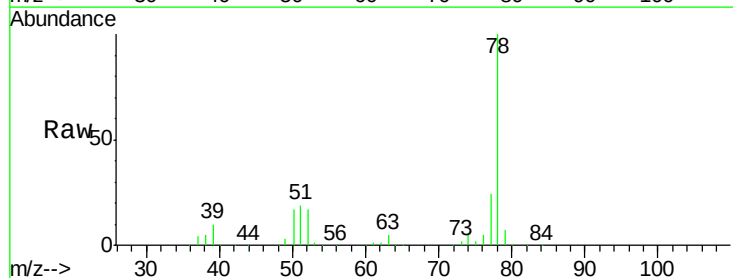
Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

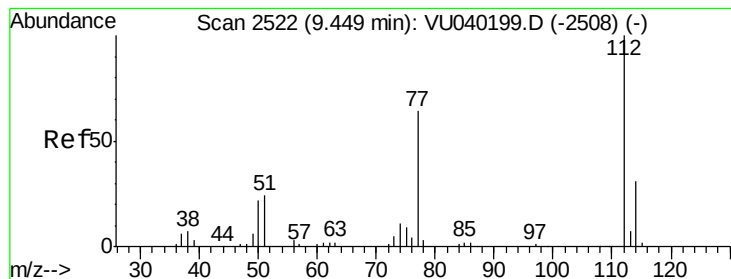
Tot Ion: 64 Resp: 988
Ion Ratio Lower Upper
64 100
66 19.1 22.7 42.1#



#33
Benzene
Concen: 8.437 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion: 78 Resp: 401339





#51

Chlorobenzene

Concen: 2.850 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040203.D

Acq: 18 Sep 2020 12:10

Instrument :

MSVOA_U

ClientSampleId :

BG0P6DL

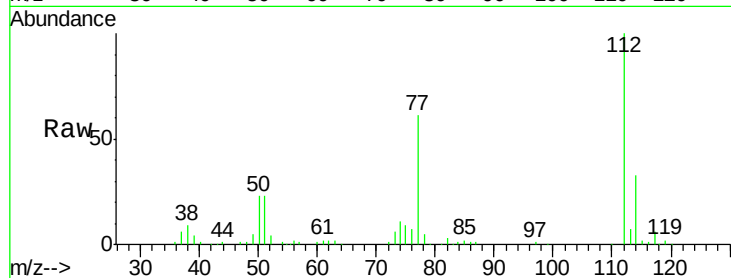
Tot Ion:112 Resp: 86679

Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

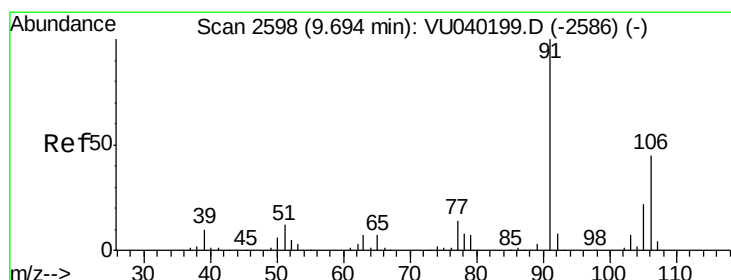
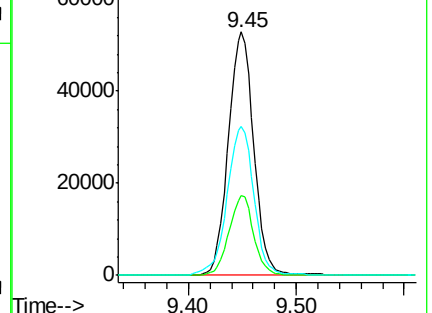
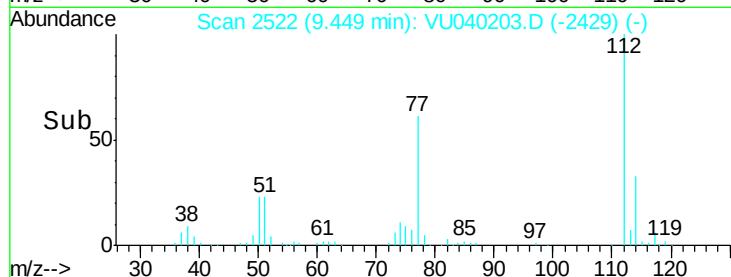
77 61.3 53.2 79.8



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): VU0



#53

m,p-Xylene

Concen: 0.078 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040203.D

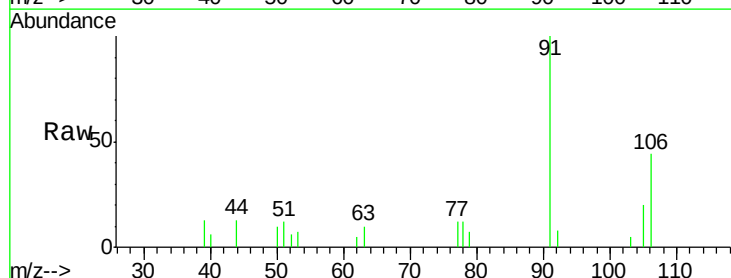
Acq: 18 Sep 2020 12:10

Tgt Ion:106 Resp: 1549

Ion Ratio Lower Upper

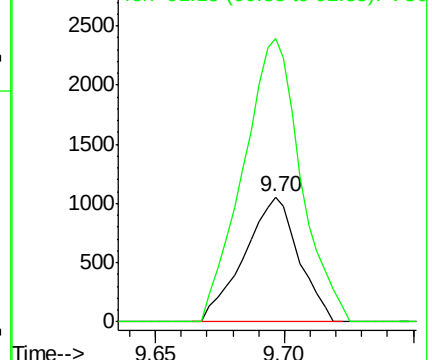
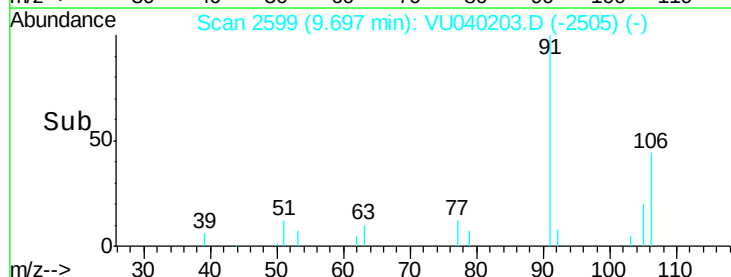
106 100

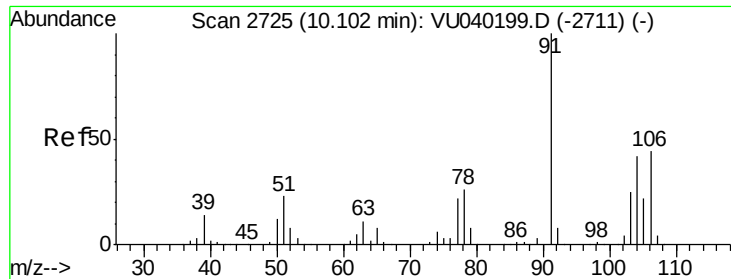
91 226.9 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

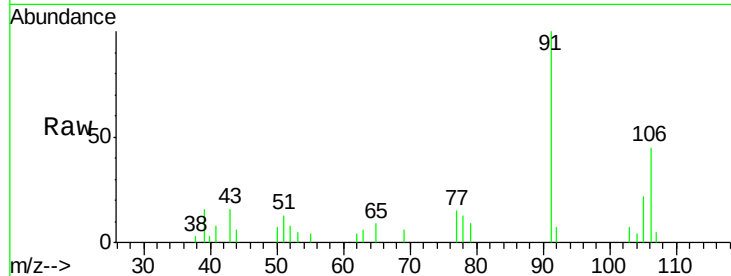




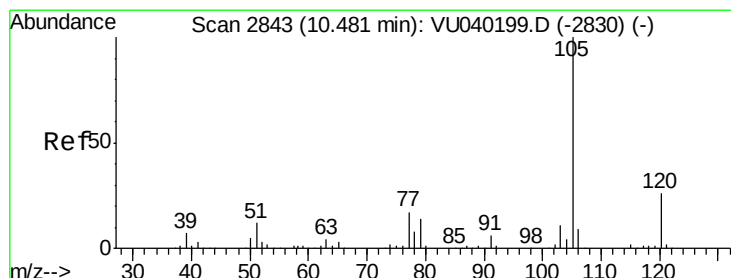
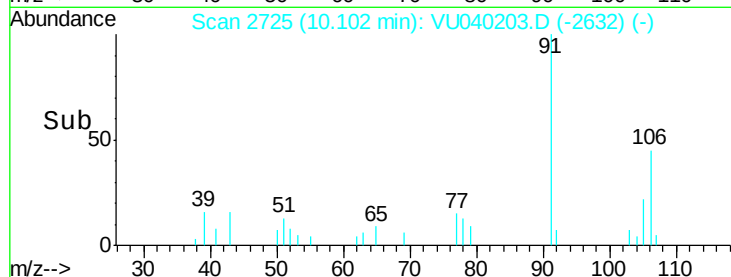
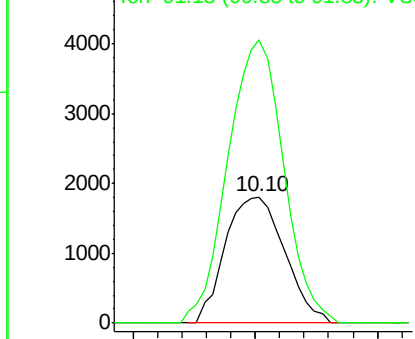
#54
o-Xylene
Concen: 0.161 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Instrument :
MSVOA_U
ClientSampleID :
BG0P6DL

Tot Ion:106 Resp: 3049
Ion Ratio Lower Upper
106 100
91 224.3 160.8 298.6

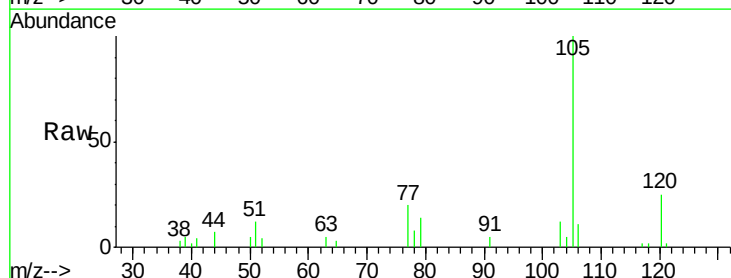


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 0.159 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040203.D
Acq: 18 Sep 2020 12:10

Tgt Ion:105 Resp: 8184
Ion Ratio Lower Upper
105 100
120 24.1 20.1 30.1
77 19.1 14.4 21.6



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

