

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036775.D
 Acq On : 13 Feb 2020 16:33
 Operator : JC/MD
 Sample : L1487-24
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX4

Quant Time: Feb 14 01:32:33 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	134223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44550	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	41111	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.59	63	65340	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.67	46	120897	49.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	5.11	84	78655	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	46894	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.76	84	177751	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	56632	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	162217	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	21055	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	107135	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43615	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	55851	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

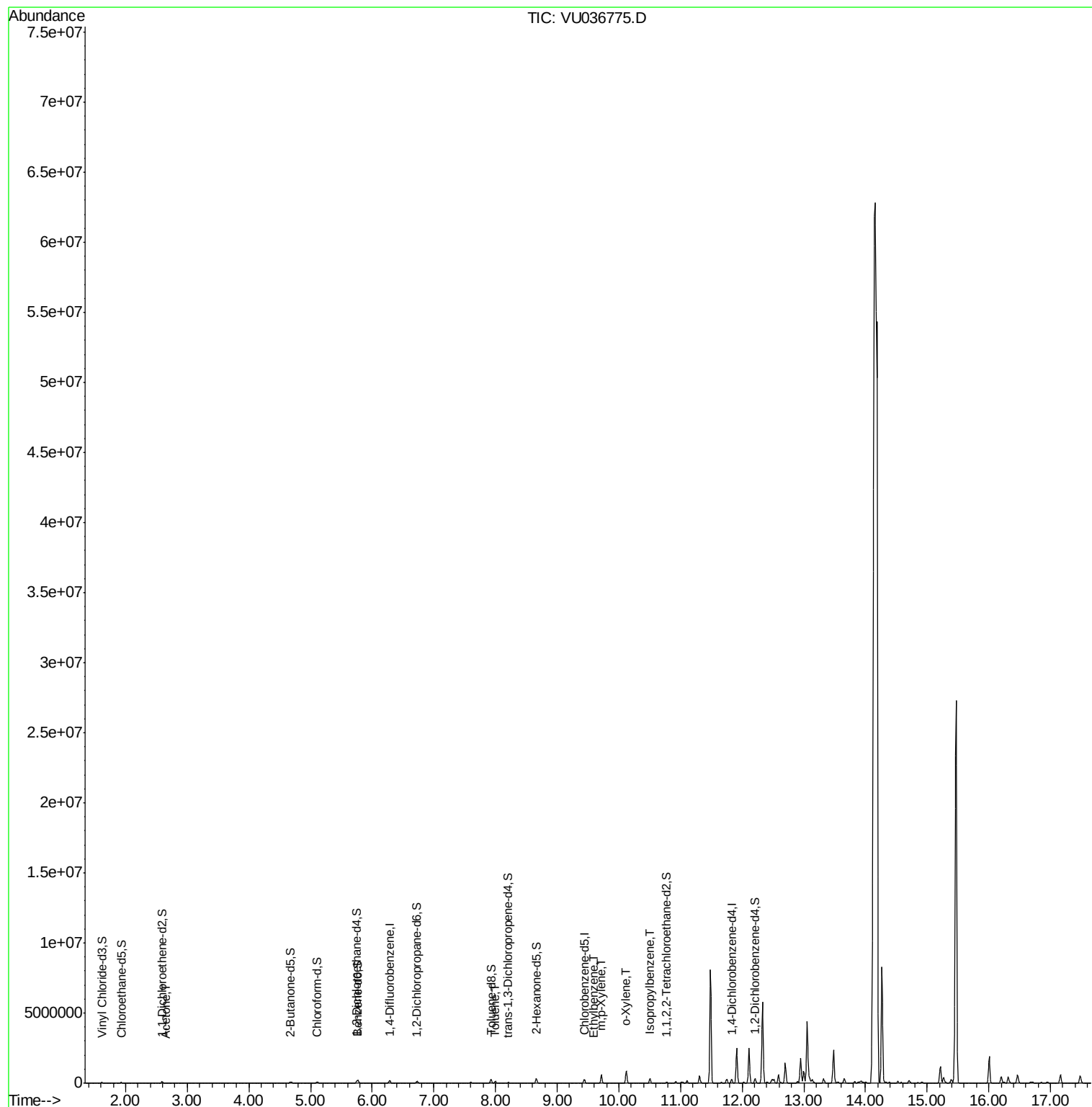
					Ovalue
13) Acetone	2.66	43	12455	4.024 ug/L	99
42) Toluene	8.00	91	94663	2.288 ug/L	99
52) Ethylbenzene	9.59	91	18502	0.400 ug/L	98
53) m,p-Xylene	9.72	106	154718	9.098 ug/L	96
54) o-Xylene	10.12	106	225393	13.497 ug/L	97
56) Isopropylbenzene	10.50	105	209040	4.677 ug/L	99

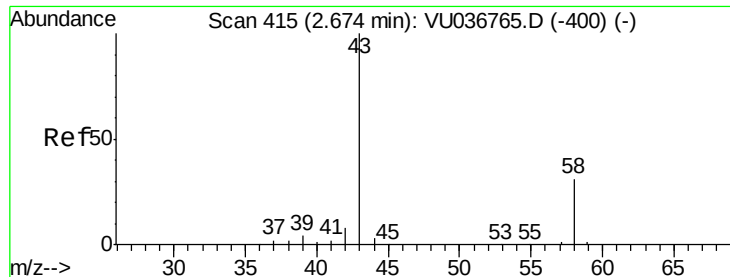
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.024 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

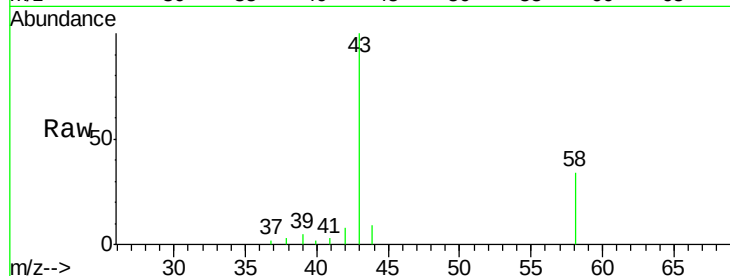
DBCX4

Tot Ion: 43 Resp: 12455

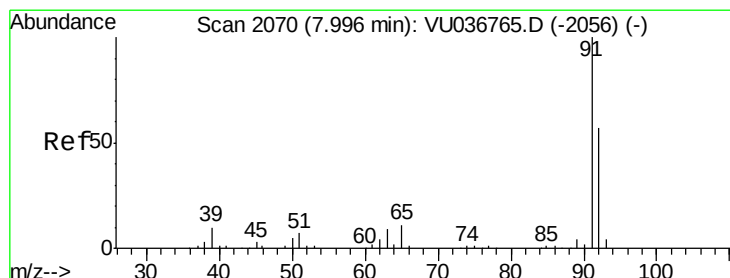
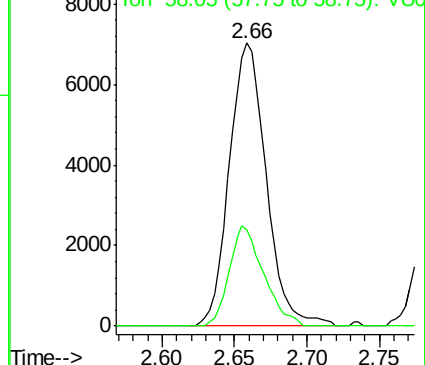
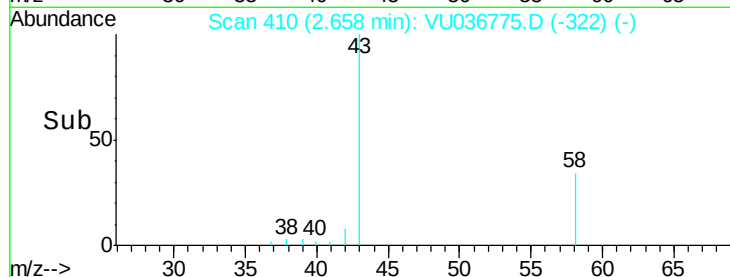
Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036775.D (-322) (-)



#42

Toluene

Concen: 2.288 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU036775.D

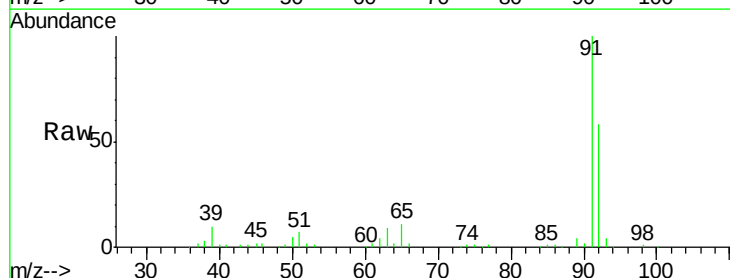
Acq: 13 Feb 2020 16:33

Tgt Ion: 91 Resp: 94663

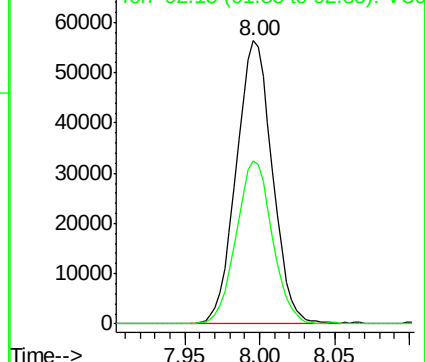
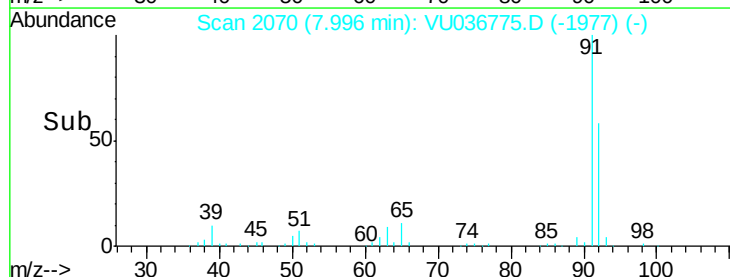
Ion Ratio Lower Upper

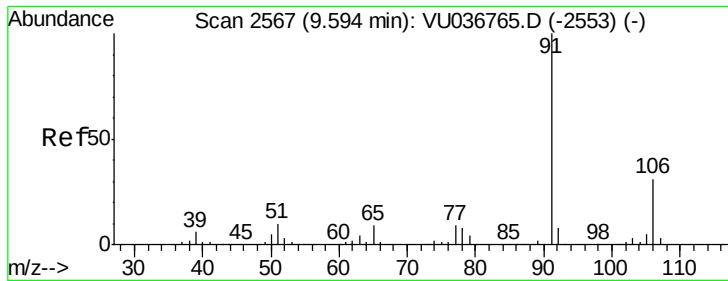
91 100

92 57.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036775.D (-1977) (-)





#52

Ethylbenzene

Concen: 0.400 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

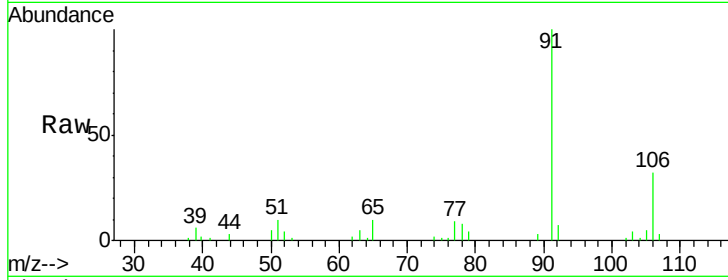
DBCX4

Tot Ion: 91 Resp: 18502

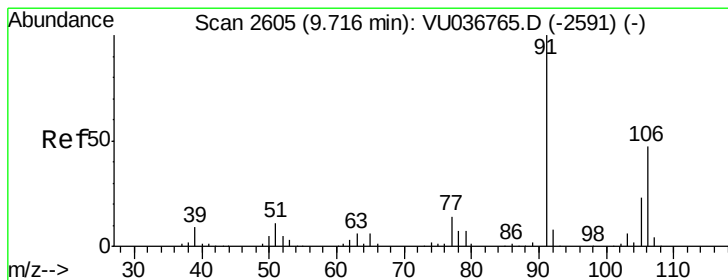
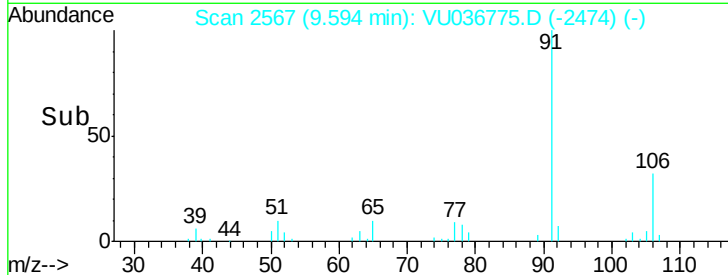
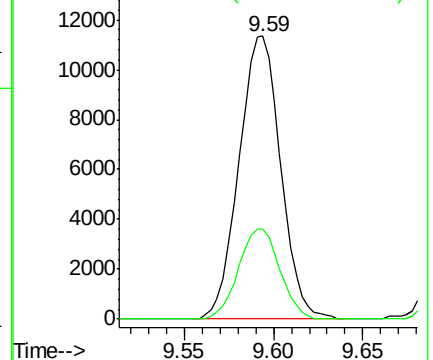
Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036775.D (-2553) (-)



#53

m,p-Xylene

Concen: 9.098 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU036775.D

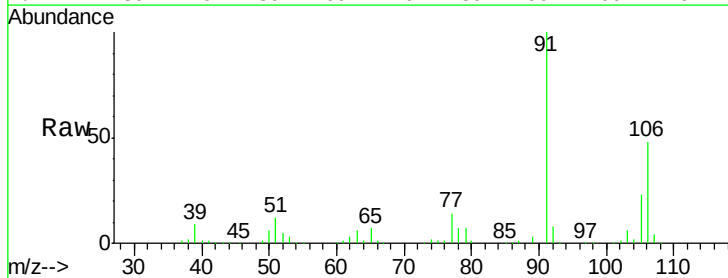
Acq: 13 Feb 2020 16:33

Tgt Ion: 106 Resp: 154718

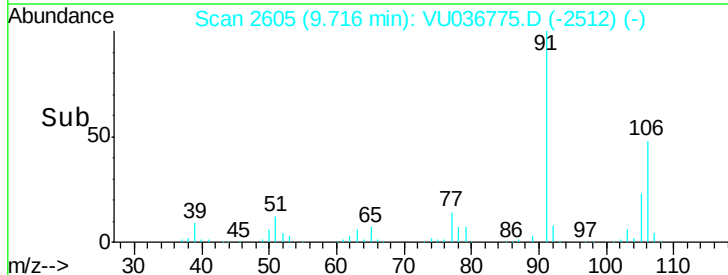
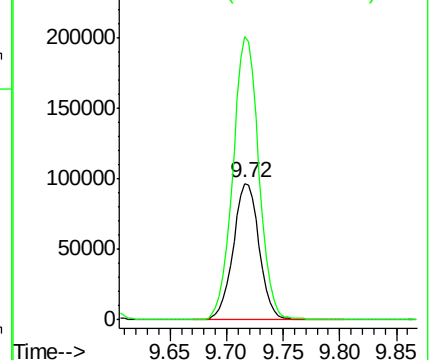
Ion Ratio Lower Upper

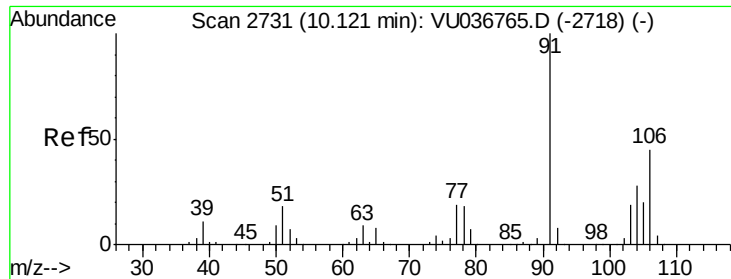
106 100

91 206.9 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036775.D (-2591) (-)

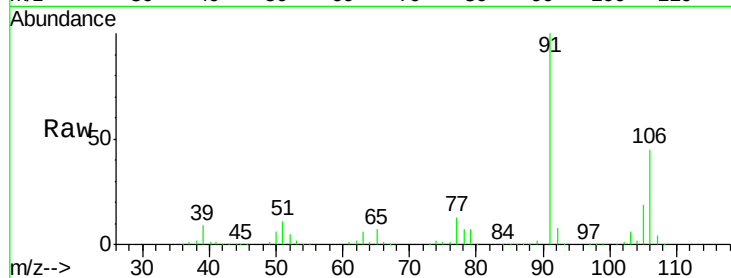




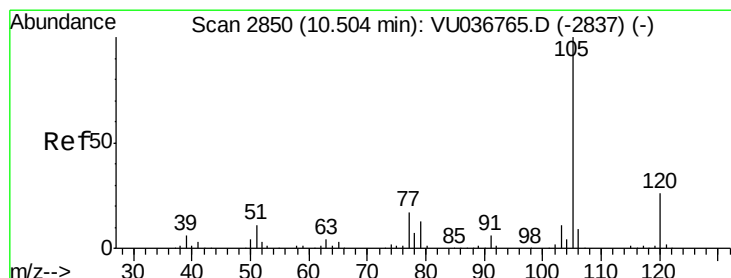
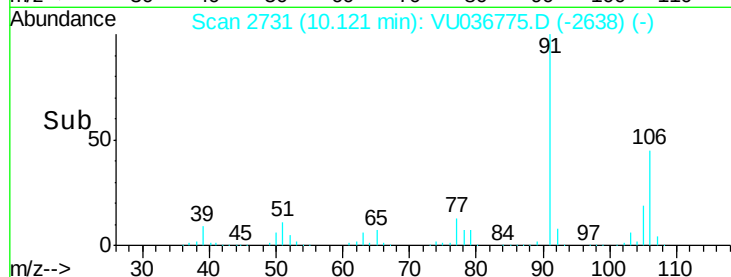
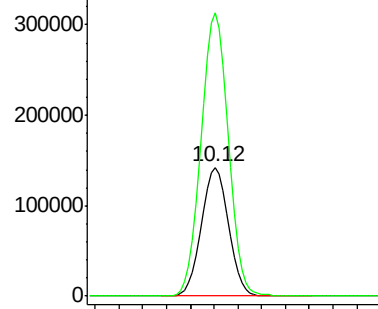
#54
o-Xylene
Concen: 13.497 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU036775.D
Acq: 13 Feb 2020 16:33

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

Tot Ion:106 Resp: 225393
Ion Ratio Lower Upper
106 100
91 220.2 151.1 280.5

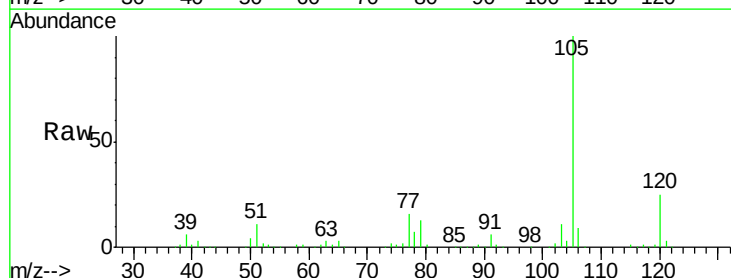


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 4.677 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU036775.D
Acq: 13 Feb 2020 16:33

Tgt Ion:105 Resp: 209040
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.6 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

