

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031703.D
 Acq On : 02 May 2019 11:38
 Operator : JC/SP
 Sample : K2603-10DL 10X
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ62DL

Quant Time: May 03 05:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 04:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1027999	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	966910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	454949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229743	26.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.40%#
7) Chloroethane-d5	1.68	69	209686	31.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.08%#
11) 1,1-Dichloroethene-d2	2.26	63	381522	22.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.54%#
21) 2-Butanone-d5	4.19	46	724259	92.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.91%
24) Chloroform-d	4.64	84	559246	35.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.98%
26) 1,2-Dichloroethane-d4	5.31	65	376823	36.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.20%
32) Benzene-d6	5.33	84	1108801	37.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.68%
36) 1,2-Dichloropropane-d6	6.32	67	407779	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.08%
41) Toluene-d8	7.56	98	961838	37.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.38%#
43) trans-1,3-Dichloropropene-	7.85	79	171201	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
47) 2-Hexanone-d5	8.31	63	509381	112.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	597426	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	381592	39.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.76%#

Target Compounds

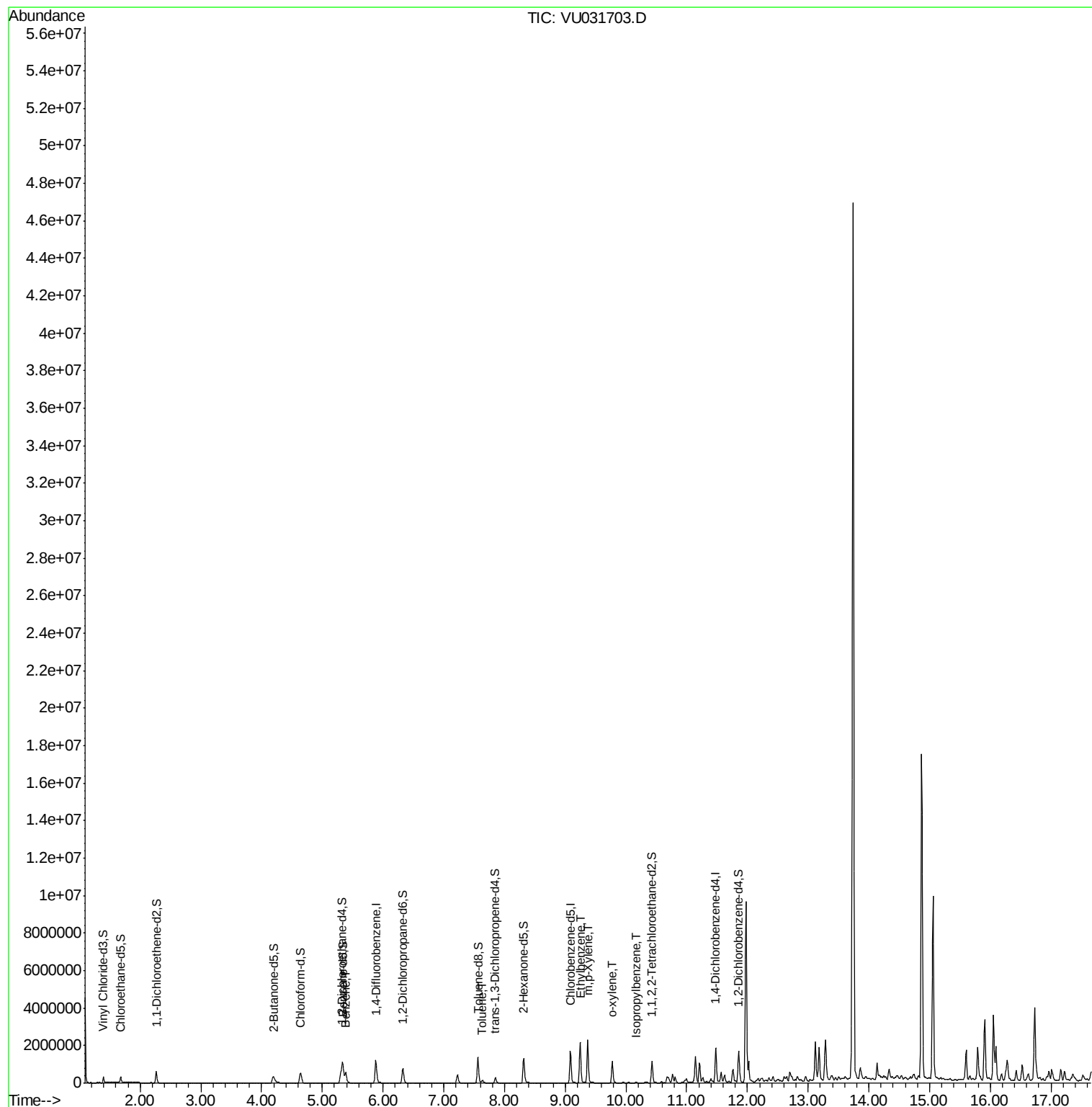
					Ovalue
33) Benzene	5.39	78	559295	15.733	ug/L 100
42) Toluene	7.64	91	102962	2.908	ug/L 96
52) Ethylbenzene	9.25	91	1602335	43.621	ug/L 99
53) m,p-Xylene	9.37	106	643152	50.253	ug/L 98
54) o-xylene	9.77	106	300990	23.722	ug/L 100
56) Isopropylbenzene	10.17	105	32265	0.967	ug/L 98

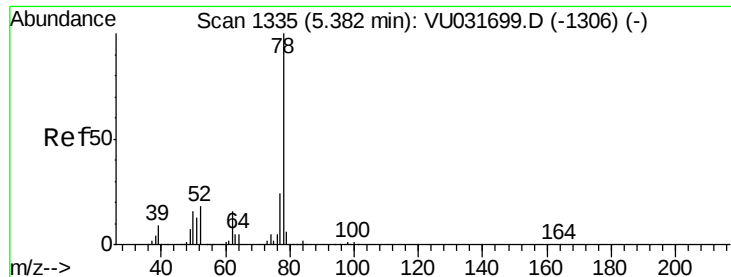
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031703.D
Acq On : 02 May 2019 11:38
Operator : JC/SP
Sample : K2603-10DL 10X
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ62DL

Quant Time: May 03 05:00:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration





#33

Benzene

Concen: 15.733 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031703.D

Acq: 02 May 2019 11:38

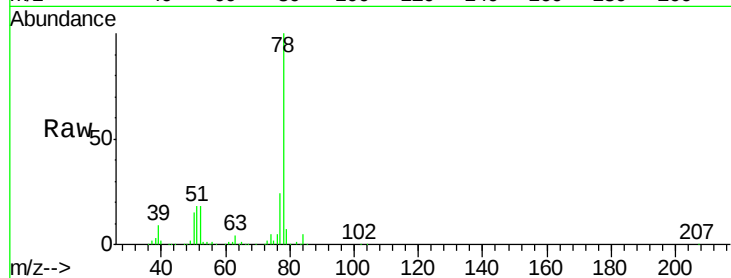
Instrument :

MSVOA_U

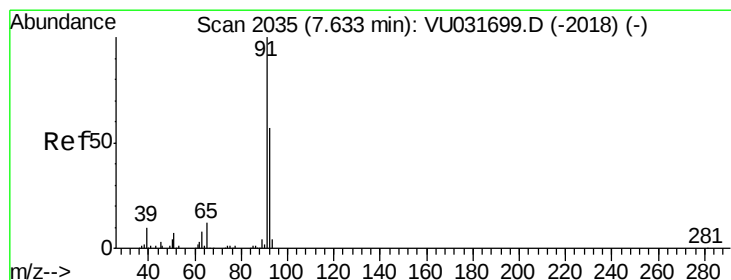
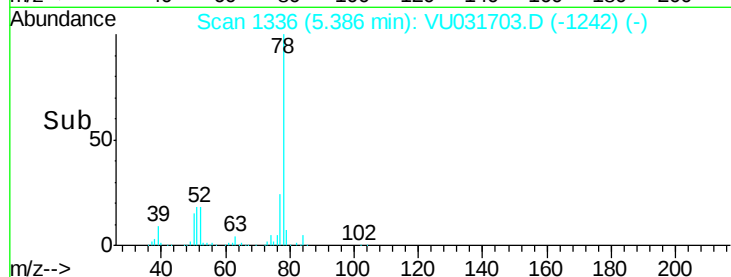
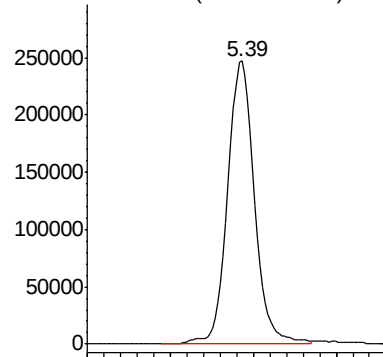
ClientSampleId :

GAJ62DL

Tgt Ion: 78 Resp: 559295



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 2.908 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031703.D

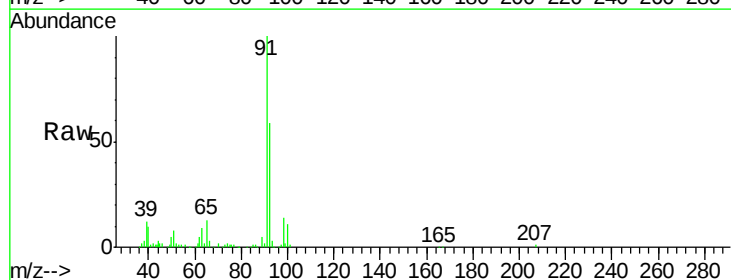
Acq: 02 May 2019 11:38

Tgt Ion: 91 Resp: 102962

Ion Ratio Lower Upper

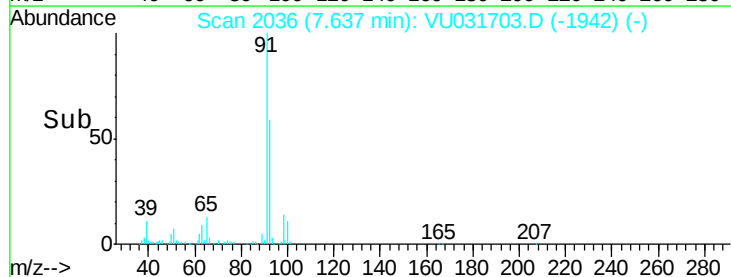
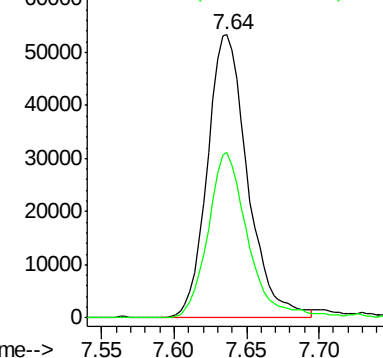
91 100

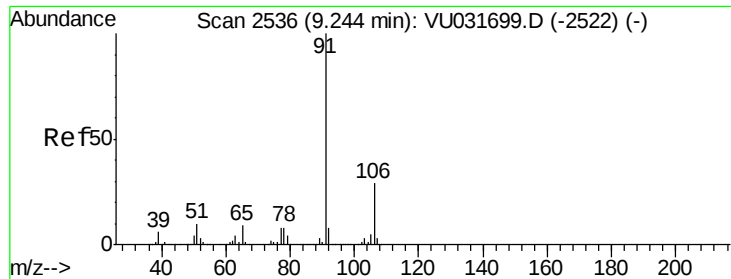
92 58.6 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

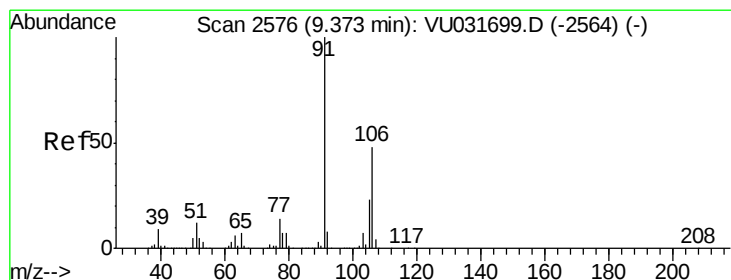
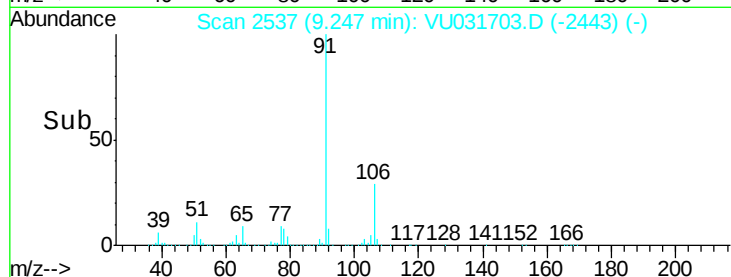
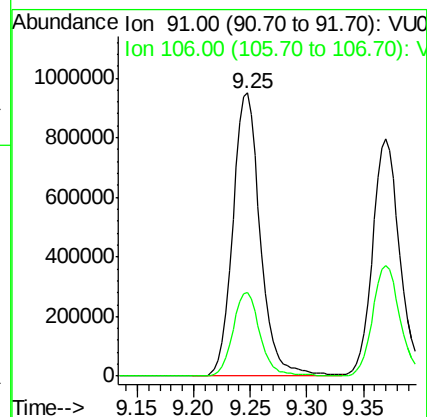
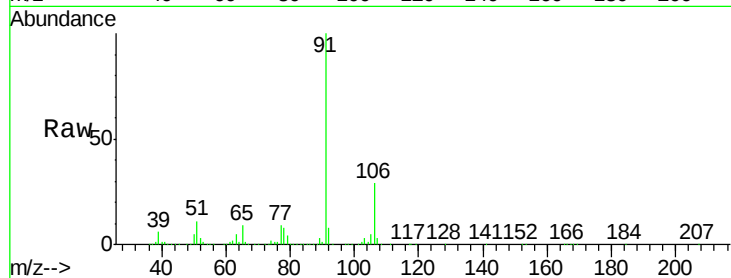




#52
Ethylbenzene
Concen: 43.621 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031703.D
Acq: 02 May 2019 11:38

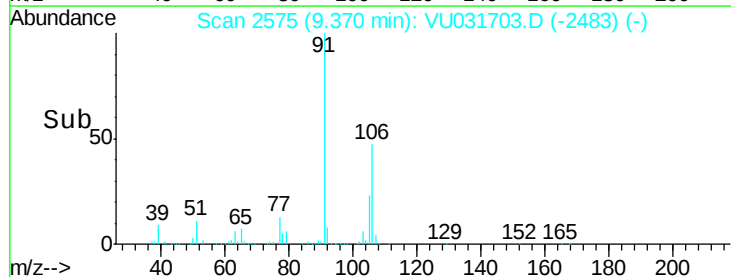
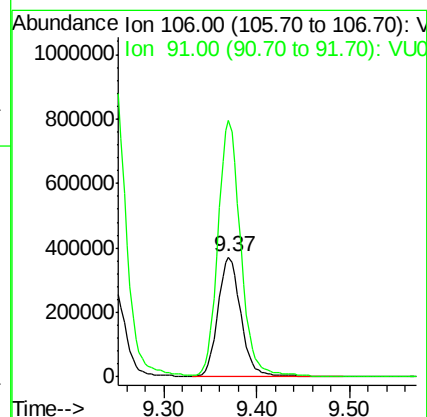
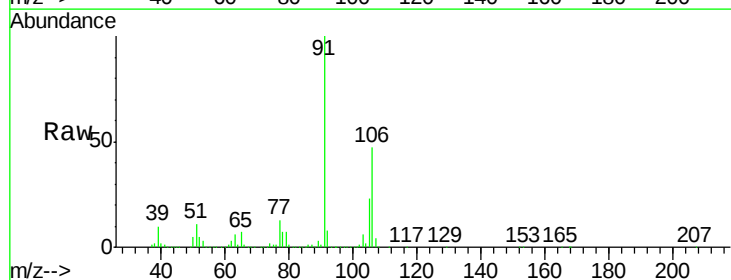
Instrument :
MSVOA_U
ClientSampleId :
GAJ62DL

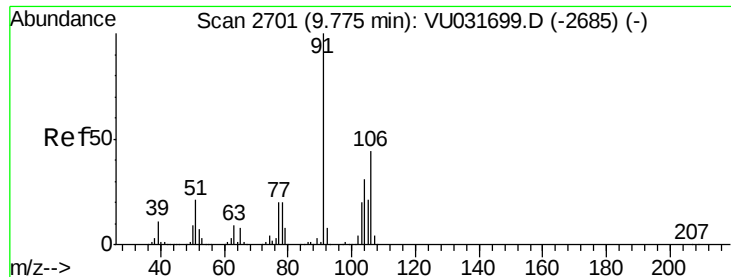
Tot Ion: 91 Resp: 1602335
Ion Ratio Lower Upper
91 100
106 29.5 20.4 37.8



#53
m,p-Xylene
Concen: 50.253 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031703.D
Acq: 02 May 2019 11:38

Tgt Ion: 106 Resp: 643152
Ion Ratio Lower Upper
106 100
91 214.2 152.2 282.6





#54

o-xylene

Concen: 23.722 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031703.D

Acq: 02 May 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

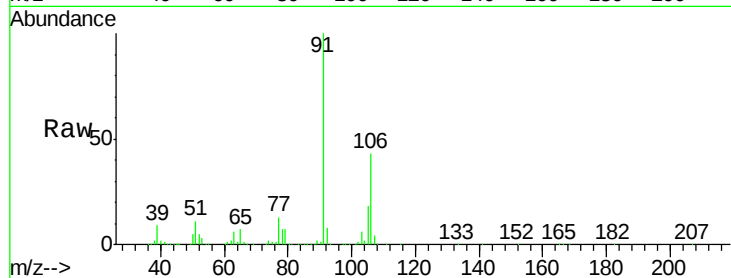
GAJ62DL

Tot Ion:106 Resp: 300990

Ion Ratio Lower Upper

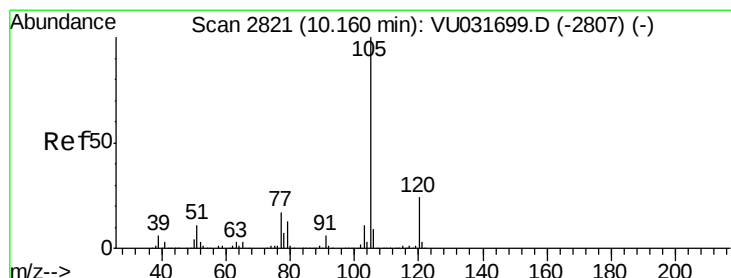
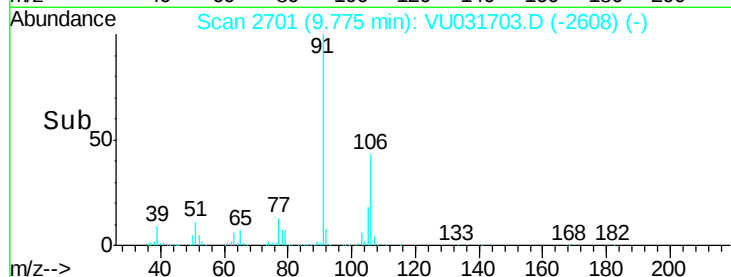
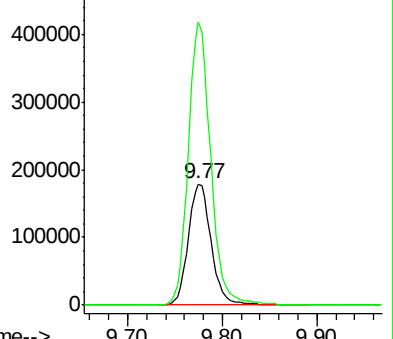
106 100

91 233.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 0.967 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.01 min

Lab File: VU031703.D

Acq: 02 May 2019 11:38

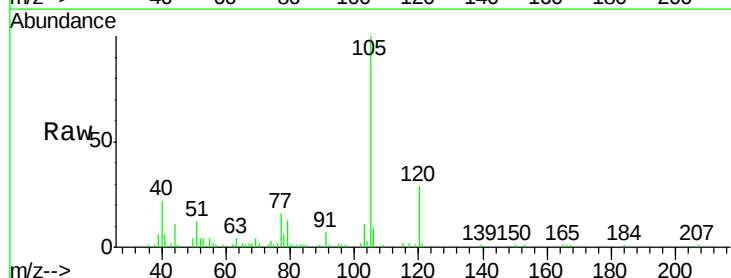
Tgt Ion:105 Resp: 32265

Ion Ratio Lower Upper

105 100

120 25.8 20.1 30.1

77 18.1 13.8 20.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

