

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
 Data File : VU031702.D
 Acq On : 02 May 2019 11:15
 Operator : JC/SP
 Sample : K2603-16DL 10X
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ68DL

Quant Time: May 14 08:38:54 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	1031325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	981011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	470355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	234639	27.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.36%#
7) Chloroethane-d5	1.68	69	213827	32.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.12%#
11) 1,1-Dichloroethene-d2	2.26	63	387620	22.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.10%#
21) 2-Butanone-d5	4.19	46	735395	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.64	84	564451	35.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.42%
26) 1,2-Dichloroethane-d4	5.31	65	385452	37.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.64%
32) Benzene-d6	5.33	84	1112648	36.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.88%
36) 1,2-Dichloropropane-d6	6.33	67	419628	39.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.18%
41) Toluene-d8	7.56	98	971213	37.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.04%#
43) trans-1,3-Dichloropropene-	7.85	79	176740	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.70%
47) 2-Hexanone-d5	8.31	63	513416	111.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	607624	42.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	397440	40.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.36%

Target Compounds

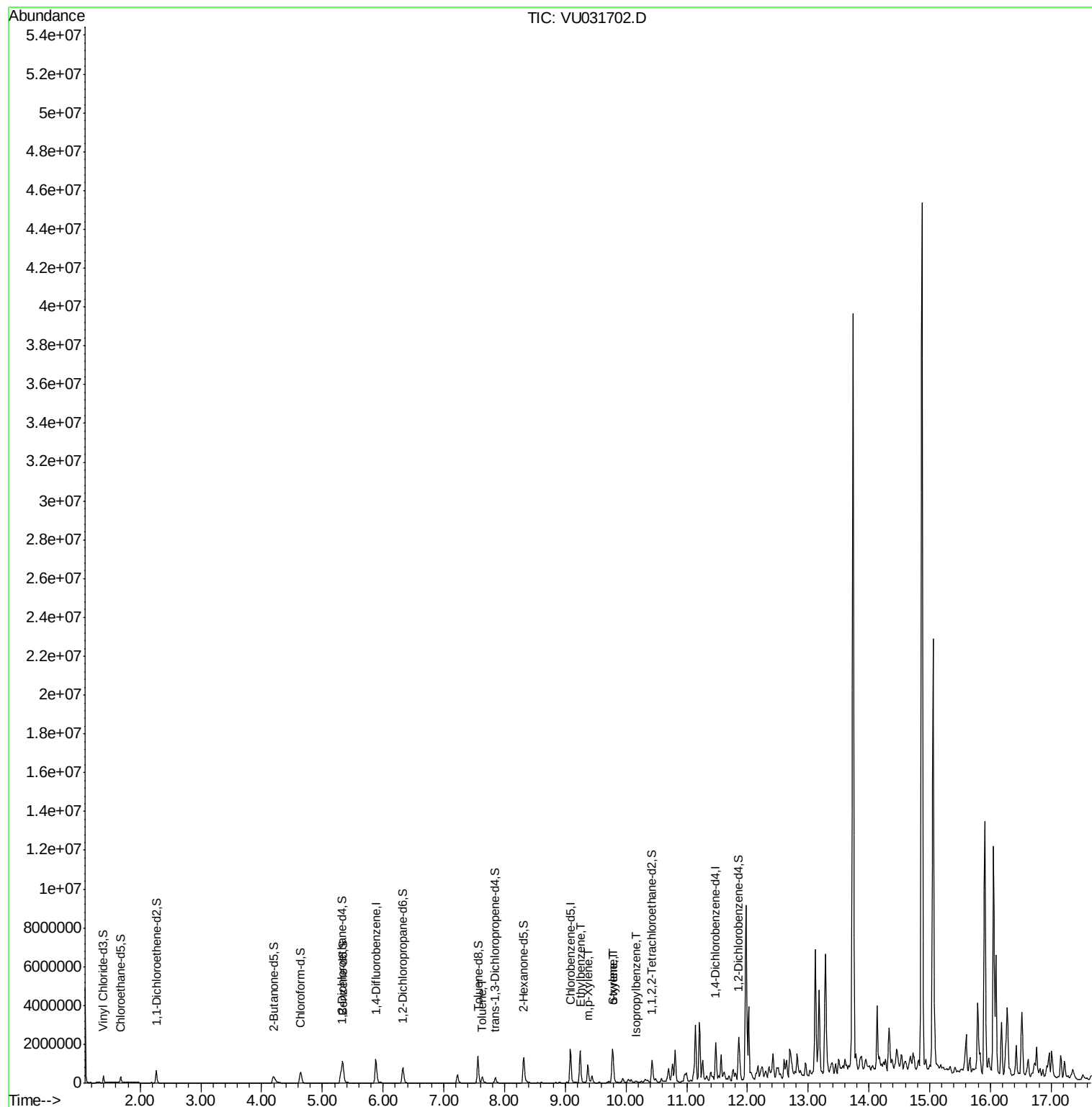
					Ovalue
42) Toluene	7.63	91	234794	6.535 ug/L	97
52) Ethylbenzene	9.25	91	1205625	32.350 ug/L	100
53) m,p-Xylene	9.37	106	265118	20.417 ug/L	96
54) o-xylene	9.77	106	332301	25.813 ug/L	99
55) Styrene	9.79	104	430364	19.568 ug/L	99
56) Isopropylbenzene	10.17	105	31349	0.926 ug/L	99

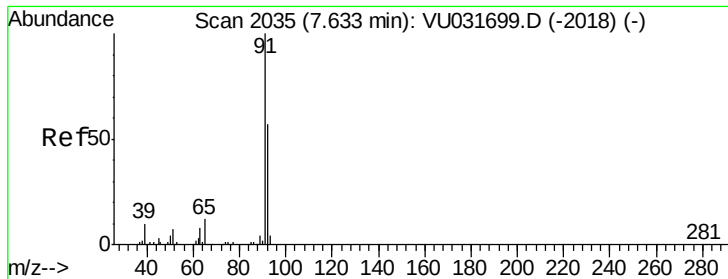
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration





#42

Toluene

Concen: 6.535 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031702.D

Acq: 02 May 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

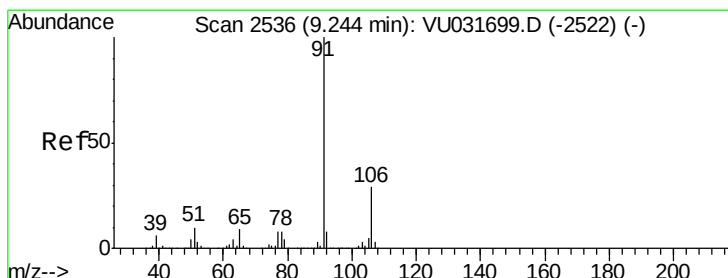
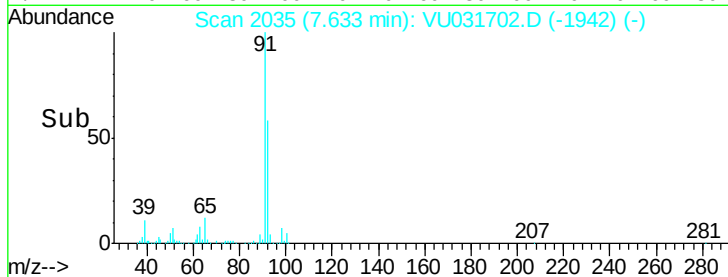
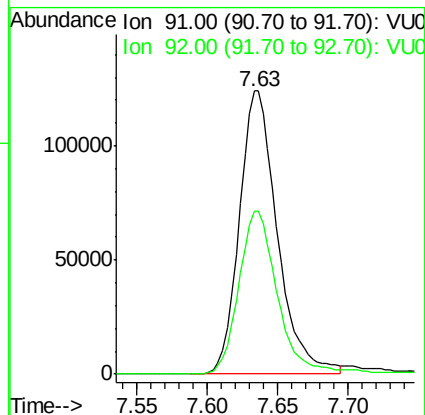
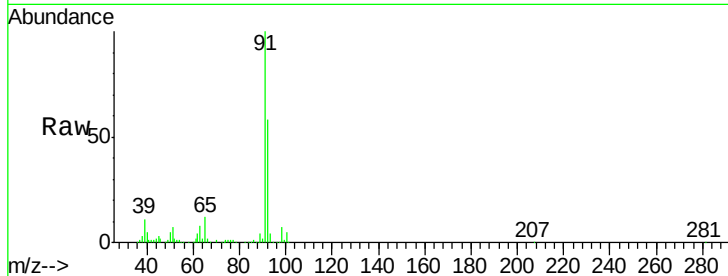
GAJ68DL

Tot Ion: 91 Resp: 234794

Ion Ratio Lower Upper

91 100

92 57.6 39.0 72.4



#52

Ethylbenzene

Concen: 32.350 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031702.D

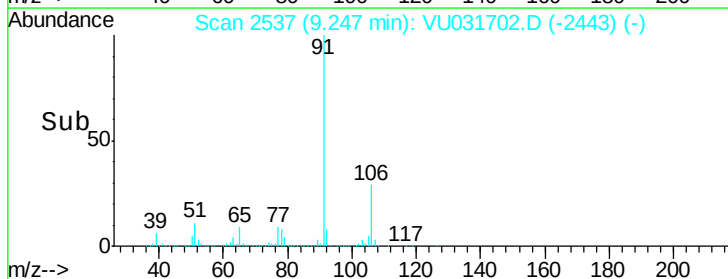
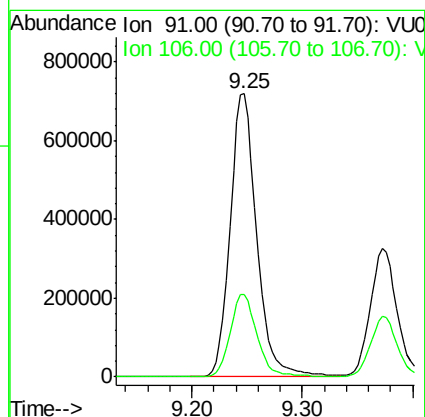
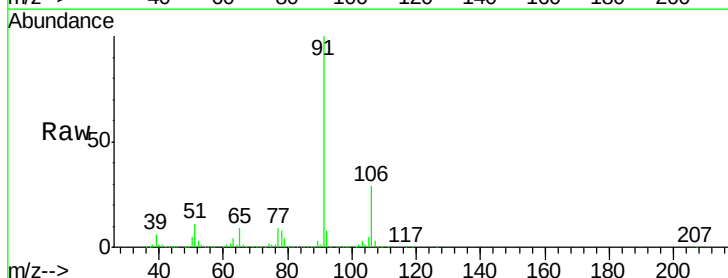
Acq: 02 May 2019 11:15

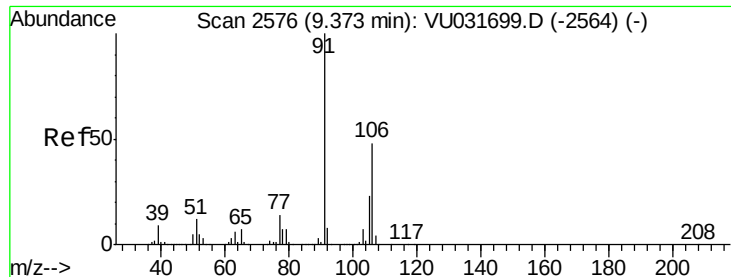
Tgt Ion: 91 Resp: 1205625

Ion Ratio Lower Upper

91 100

106 29.1 20.4 37.8





#53

m,p-Xylene

Concen: 20.417 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU031702.D

Acq: 02 May 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

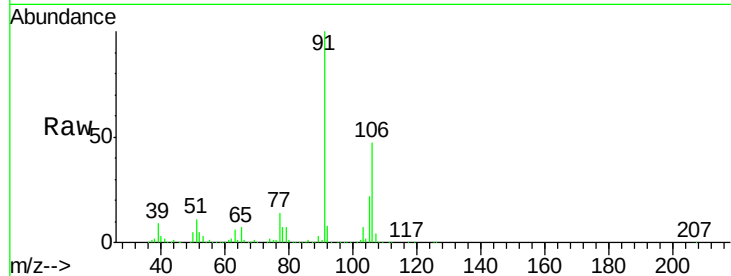
GAJ68DL

Tot Ion:106 Resp: 265118

Ion Ratio Lower Upper

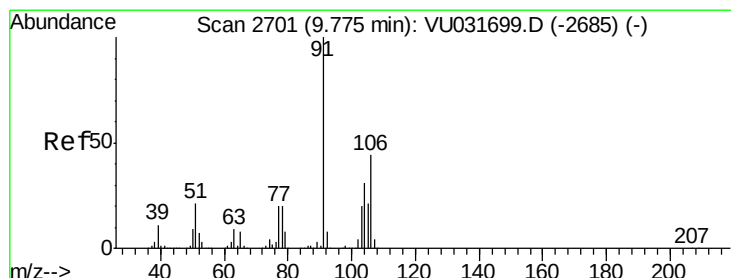
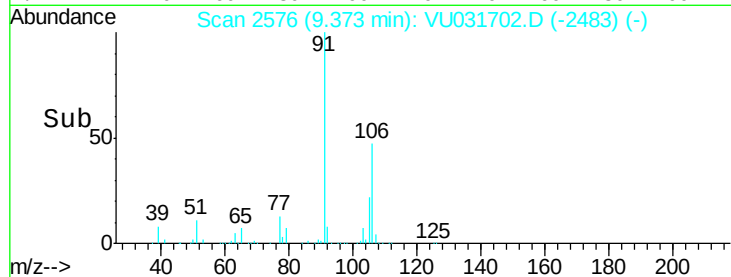
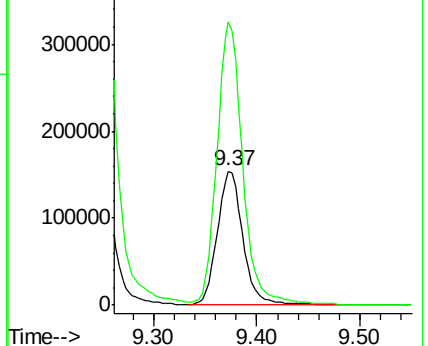
106 100

91 211.4 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 25.813 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031702.D

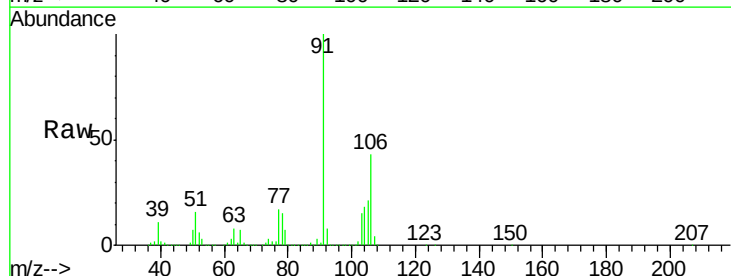
Acq: 02 May 2019 11:15

Tgt Ion:106 Resp: 332301

Ion Ratio Lower Upper

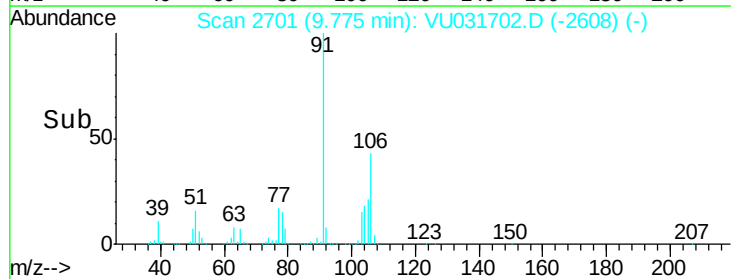
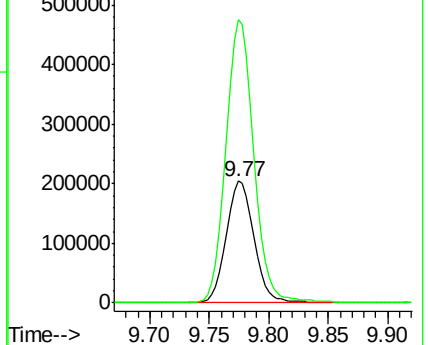
106 100

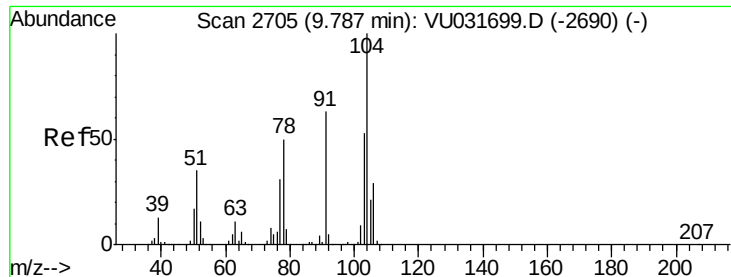
91 232.1 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 19.568 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031702.D

Acq: 02 May 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

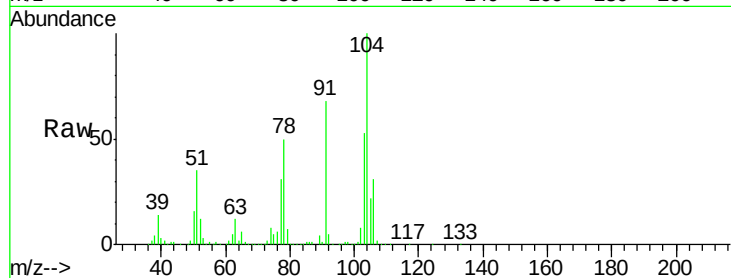
GAJ68DL

Tot Ion:104 Resp: 430364

Ion Ratio Lower Upper

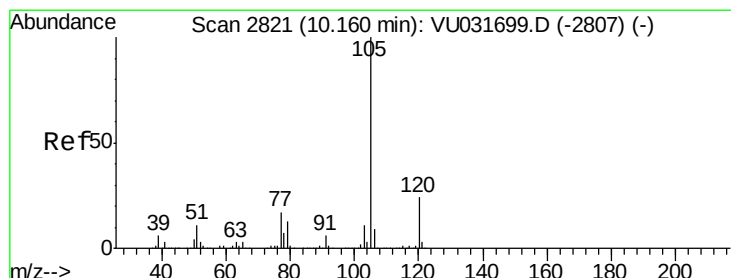
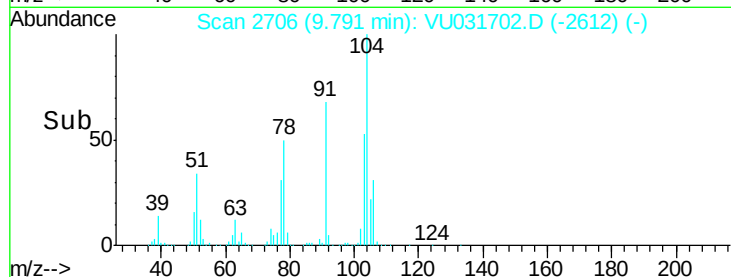
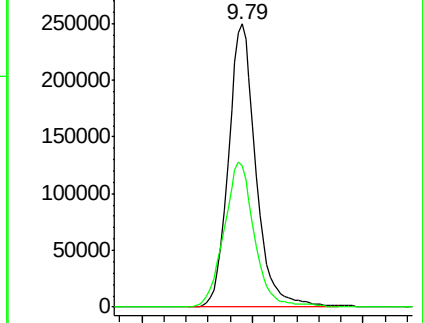
104 100

78 50.1 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#56

Isopropylbenzene

Concen: 0.926 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.01 min

Lab File: VU031702.D

Acq: 02 May 2019 11:15

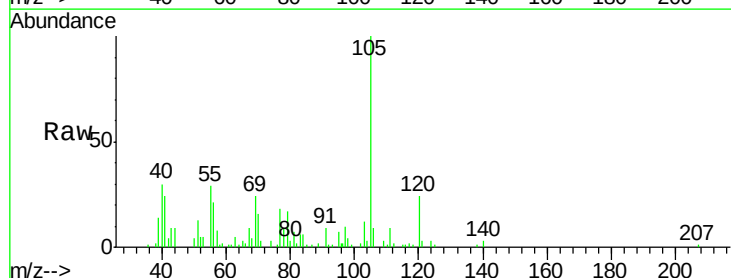
Tgt Ion:105 Resp: 31349

Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 18.3 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

