

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031677.D
 Acq On : 01 May 2019 12:23
 Operator : JC/SP
 Sample : K2604-12 5X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ86

Quant Time: May 02 04:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1007498	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	967393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	465501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	262445	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.24%
7) Chloroethane-d5	1.68	69	226571	34.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.54%#
11) 1,1-Dichloroethene-d2	2.27	63	442686	26.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.72%#
21) 2-Butanone-d5	4.19	46	728711	95.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.64	84	574290	37.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.38%
26) 1,2-Dichloroethane-d4	5.31	65	394198	39.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.14%
32) Benzene-d6	5.33	84	1200004	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.32	67	429290	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.16%
41) Toluene-d8	7.56	98	1057480	40.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.74%
43) trans-1,3-Dichloropropene-	7.85	79	187872	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.31	63	493509	109.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	595129	42.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	405293	41.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

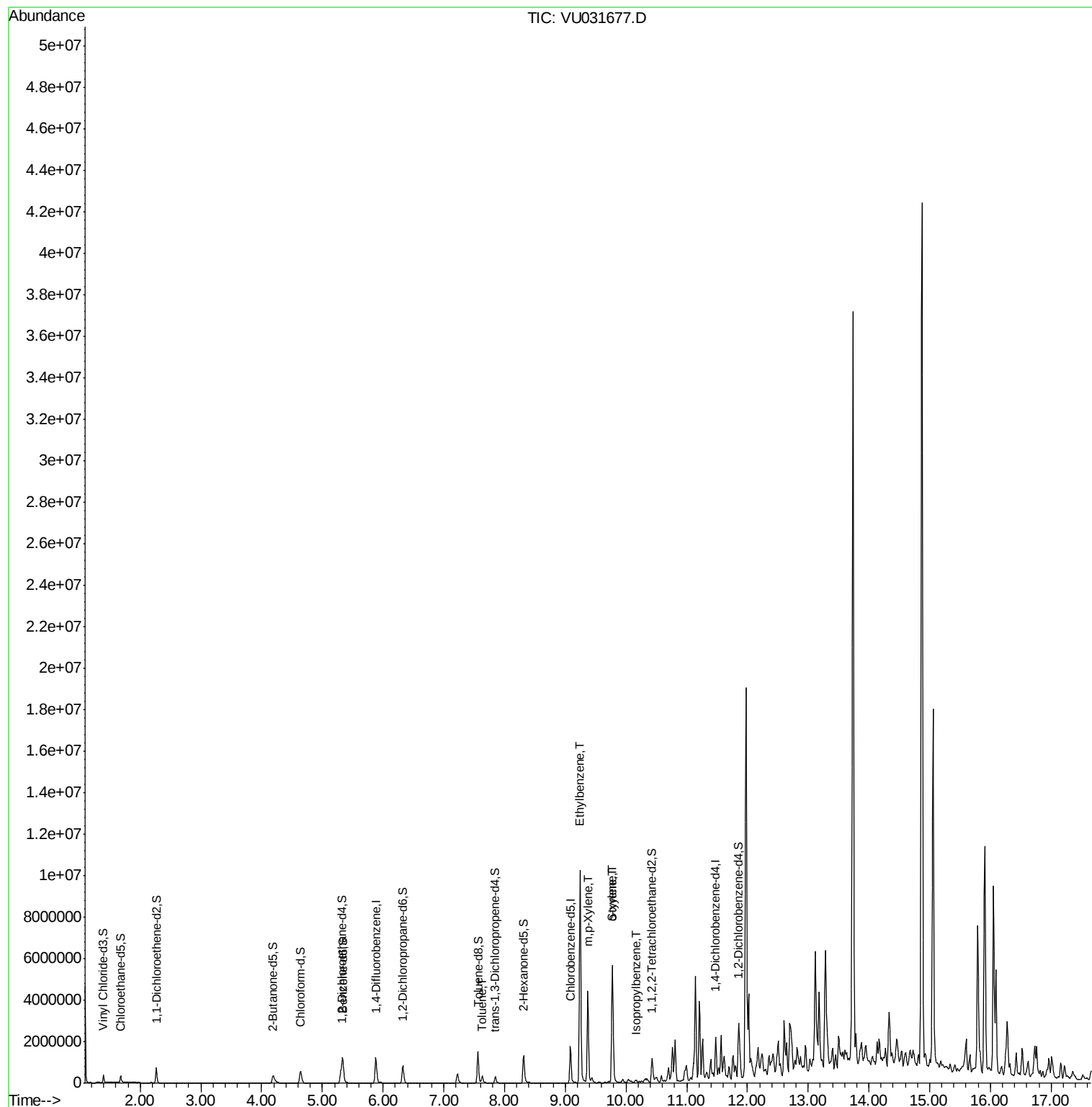
					Ovalue
42) Toluene	7.63	91	258473	7.295 ug/L	99
52) Ethylbenzene	9.24	91	7456631	202.894 ug/L	99
53) m,p-Xylene	9.37	106	1221599	95.403 ug/L	95
54) o-xylene	9.77	106	1316262	103.687 ug/L	99
55) Styrene	9.79	104	669724	30.879 ug/L	87
56) Isopropylbenzene	10.16	105	74905	2.244 ug/L	97

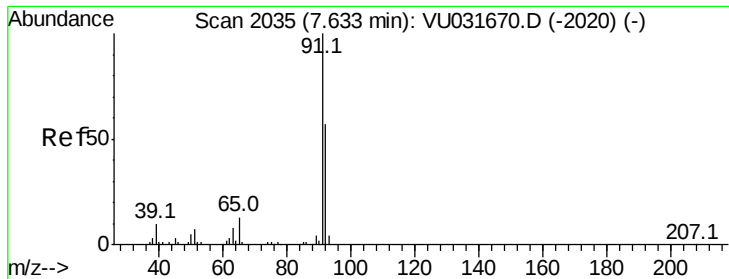
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#42

Toluene

Concen: 7.295 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031677.D

Acq: 01 May 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

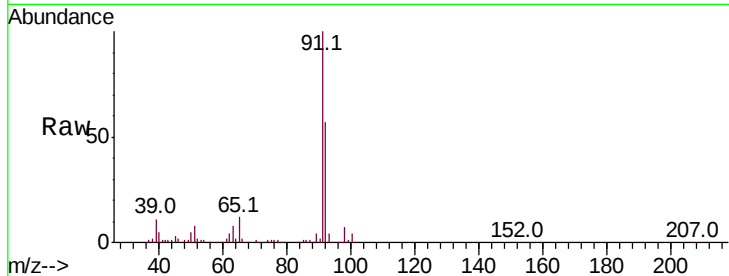
GAJ86

Tot Ion: 91 Resp: 258473

Ion Ratio Lower Upper

91 100

92 56.5 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031677.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031677.D (-1942) (-)

7.63

150000

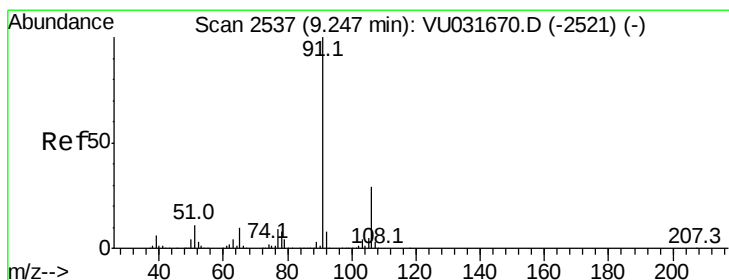
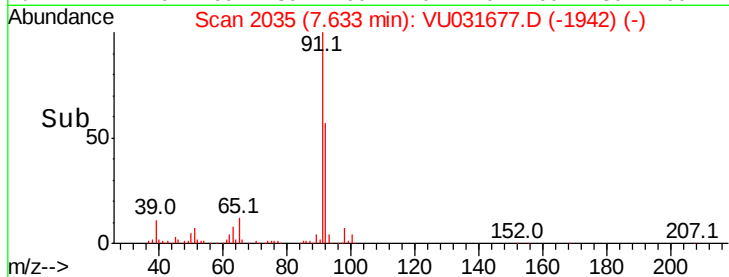
100000

50000

0

7.60 7.70

Time-->



#52

Ethylbenzene

Concen: 202.894 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU031677.D

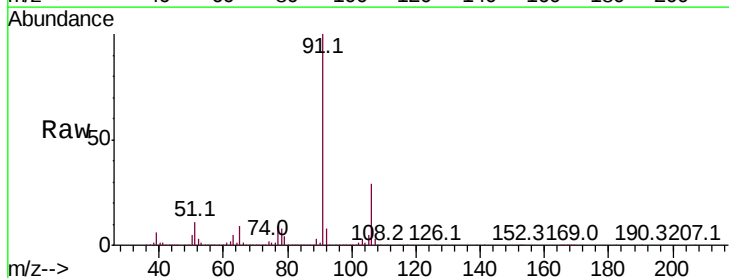
Acq: 01 May 2019 12:23

Tgt Ion: 91 Resp: 7456631

Ion Ratio Lower Upper

91 100

106 29.5 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031677.D (-2444) (-)

Ion 106.00 (105.70 to 106.70): VU031677.D (-2444) (-)

9.24

5000000

4000000

3000000

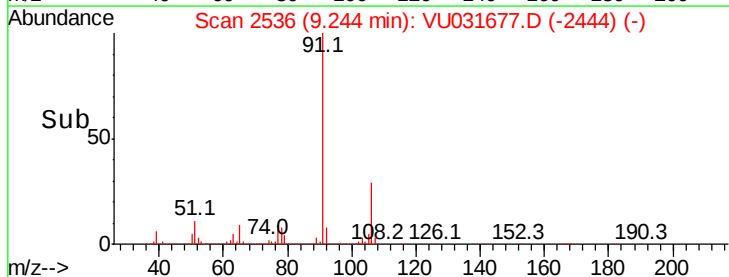
2000000

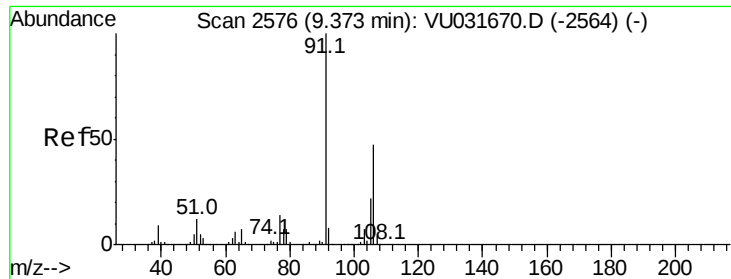
1000000

0

9.20 9.30

Time-->





#53

m,p-Xylene

Concen: 95.403 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU031677.D

Acq: 01 May 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

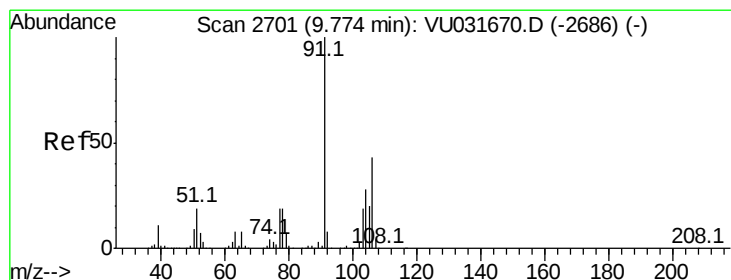
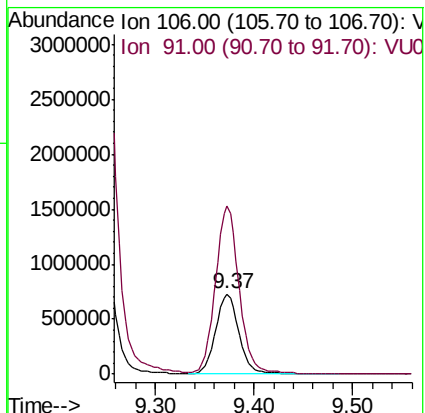
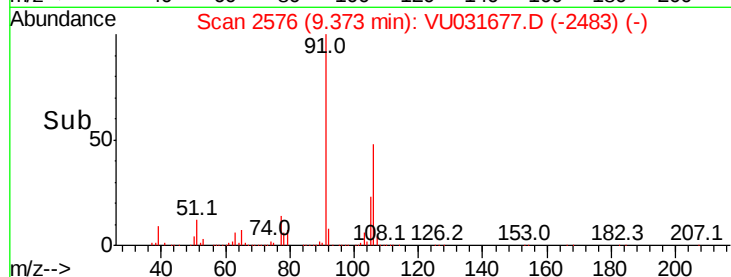
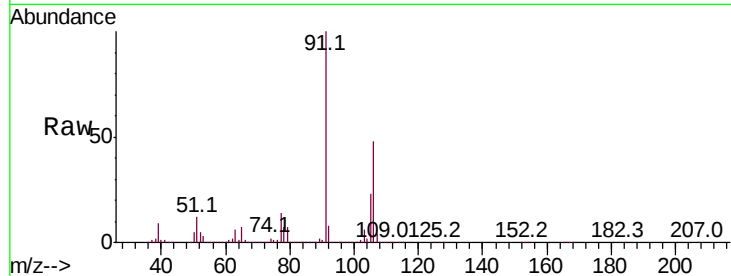
GAJ86

Tot Ion:106 Resp: 1221599

Ion Ratio Lower Upper

106 100

91 210.0 152.2 282.6



#54

o-xylene

Concen: 103.687 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031677.D

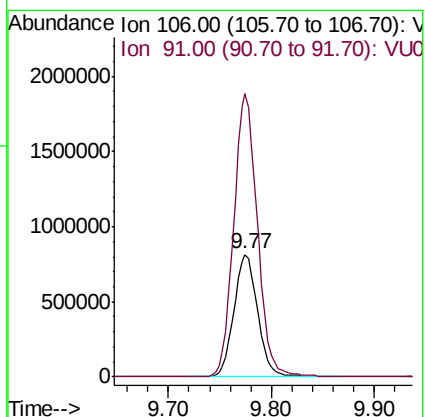
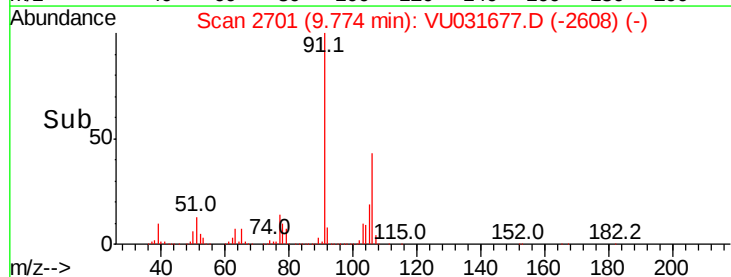
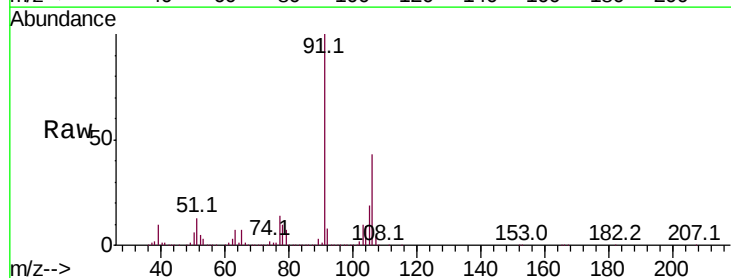
Acq: 01 May 2019 12:23

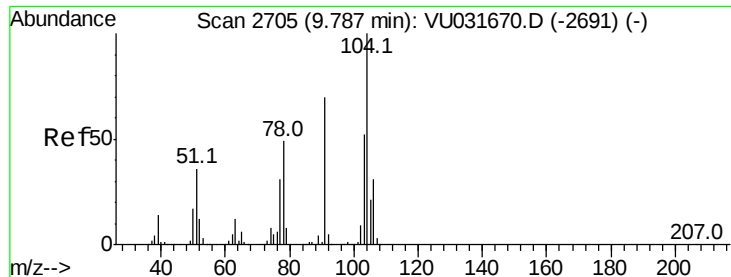
Tgt Ion:106 Resp: 1316262

Ion Ratio Lower Upper

106 100

91 230.9 163.2 303.2





#55

Stvrene

Concen: 30.879 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU031677.D

Acq: 01 May 2019 12:23

Instrument :

MSVOA_U

ClientSampleId :

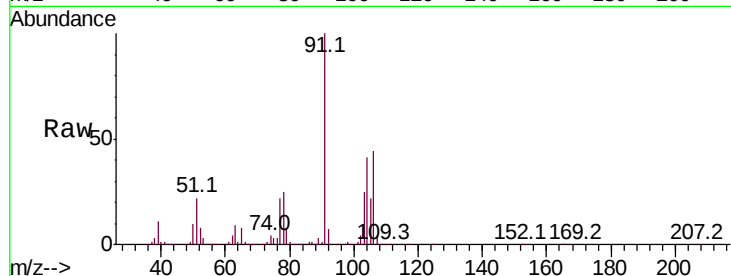
GAJ86

Tot Ion:104 Resp: 669724

Ion Ratio Lower Upper

104 100

78 59.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

9.79

400000

300000

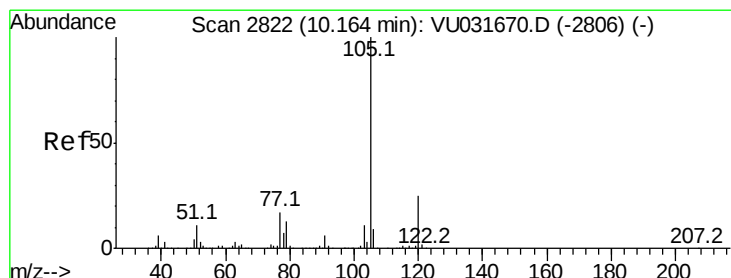
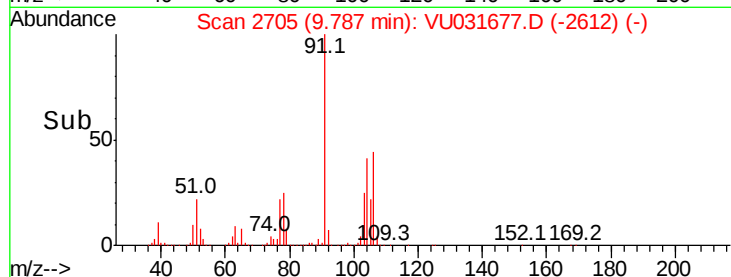
200000

100000

0

9.70 9.80 9.90

Time-->



#56

Isopropylbenzene

Concen: 2.244 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU031677.D

Acq: 01 May 2019 12:23

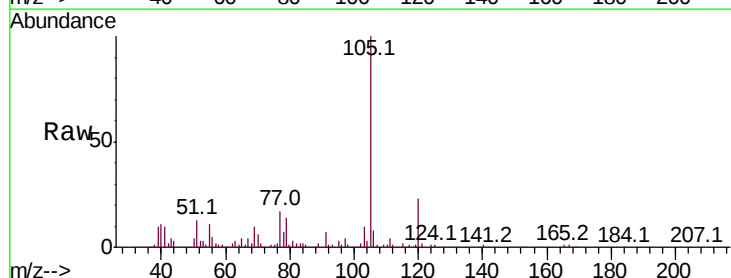
Tgt Ion:105 Resp: 74905

Ion Ratio Lower Upper

105 100

120 23.2 20.1 30.1

77 16.0 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

60000

50000

40000

30000

20000

10000

0

10.10 10.20

Time-->

