

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031664.D
 Acq On : 01 May 2019 03:44
 Operator : JC/SP
 Sample : K2604-13 5X
 Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ87

Quant Time: May 01 05:54:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 04:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	977894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	930197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	427953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	300205	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.36%
7) Chloroethane-d5	1.68	69	223639	35.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.72%
11) 1,1-Dichloroethene-d2	2.26	63	463216	28.42	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.84%#
21) 2-Butanone-d5	4.20	46	670421	90.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.41%
24) Chloroform-d	4.64	84	544513	36.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.66%
26) 1,2-Dichloroethane-d4	5.31	65	378850	38.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.38%
32) Benzene-d6	5.33	84	1132591	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.30%
36) 1,2-Dichloropropane-d6	6.32	67	395852	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.78%
41) Toluene-d8	7.56	98	972368	39.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.16%#
43) trans-1,3-Dichloropropene-	7.85	79	166794	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.32%
47) 2-Hexanone-d5	8.32	63	431918	99.30	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	524573	38.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	346945	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#

Target Compounds

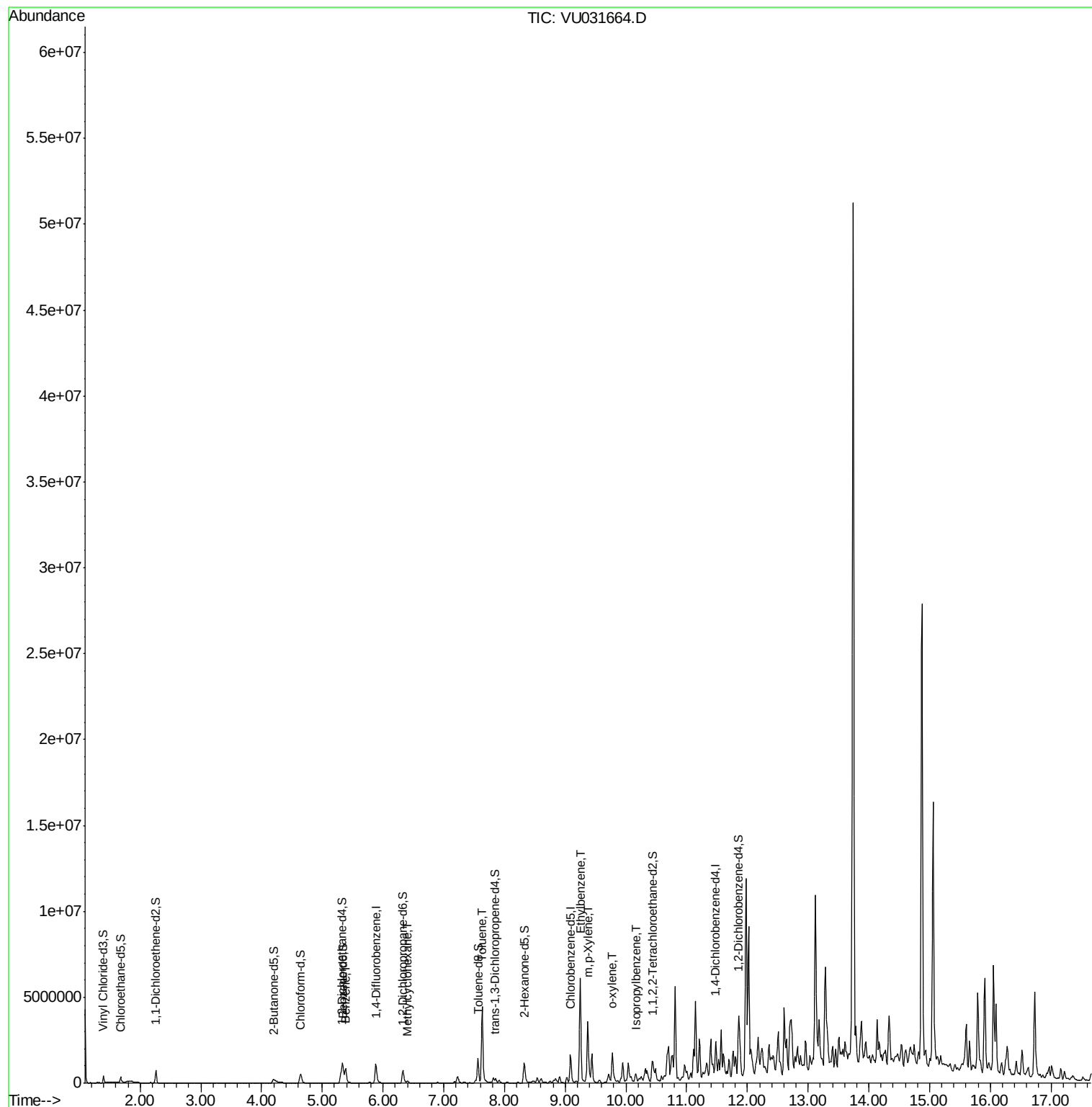
					Ovalue
33) Benzene	5.38	78	858626	25.106	ug/L 100
35) Methylcyclohexane	6.41	83	45576	3.668	ug/L 98
42) Toluene	7.63	91	3458484	101.519	ug/L 99
52) Ethylbenzene	9.25	91	4421162	125.110	ug/L 99
53) m,p-Xylene	9.37	106	985024	80.003	ug/L 99
54) o-xylene	9.78	106	440154	36.059	ug/L 97
56) Isopropylbenzene	10.16	105	243004	7.571	ug/L 98

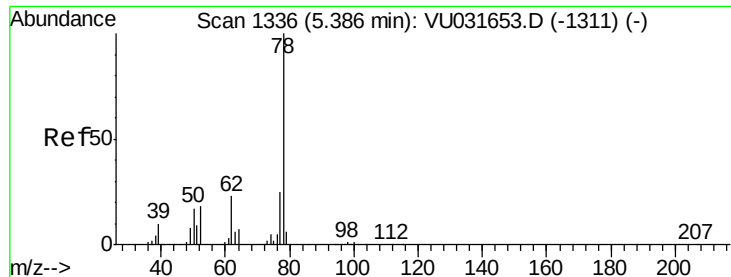
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 25.106 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU031664.D

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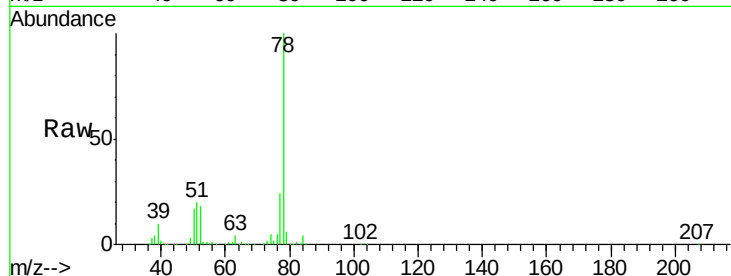
Instrument :

MSVOA_U

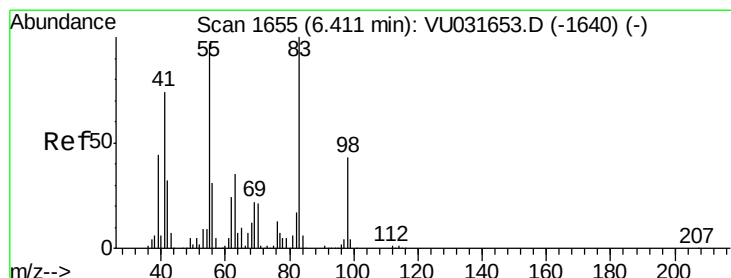
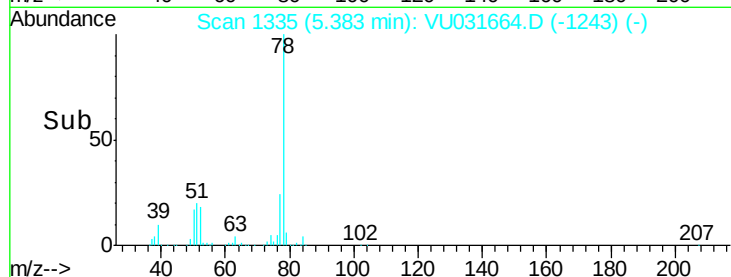
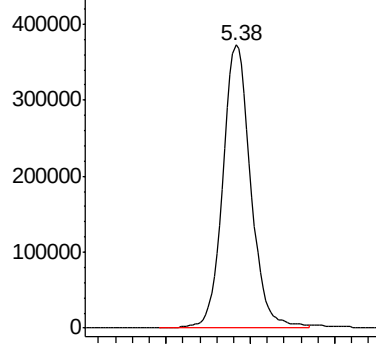
ClientSampleId :

GAJ87

Tgt Ion: 78 Resp: 858626



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 3.668 ug/L

RT: 6.41 min Scan# 1654

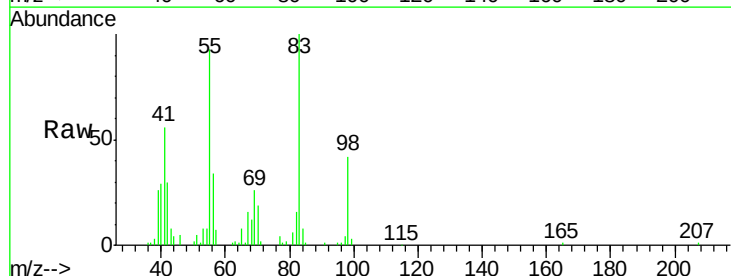
Delta R.T. -0.00 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Tgt Ion: 83 Resp: 45576

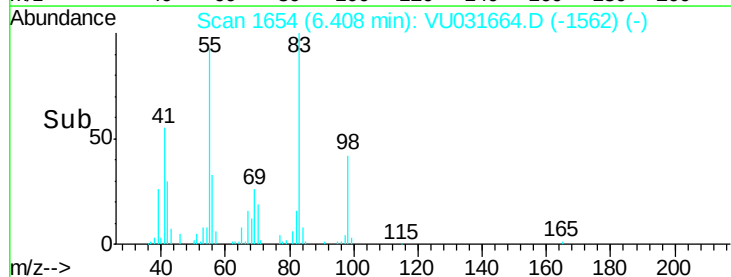
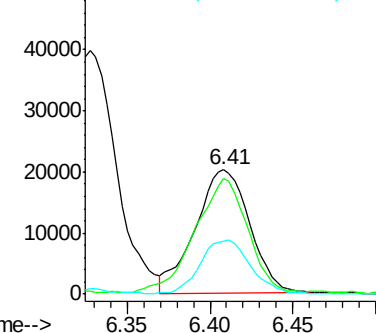
Ion	Ratio	Lower	Upper
83	100		
55	90.7	73.0	109.4
98	41.0	35.3	52.9

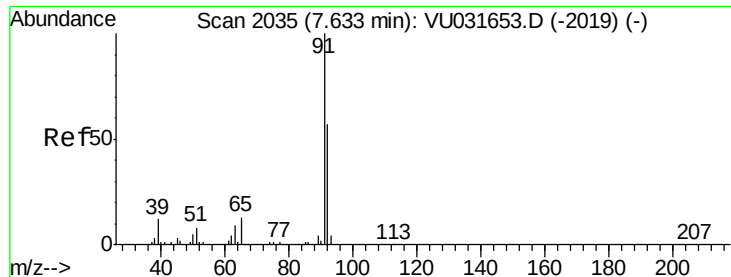


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 101.519 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Instrument :

MSVOA_U

ClientSampleId :

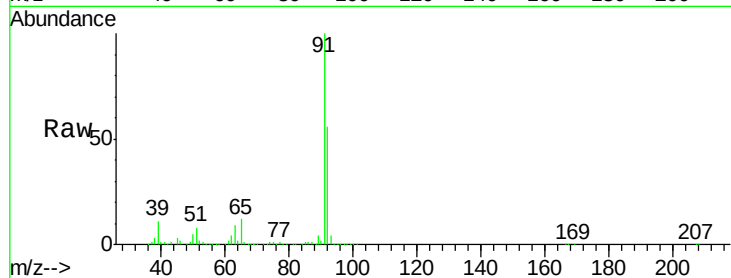
GAJ87

Tot Ion: 91 Resp: 3458484

Ion Ratio Lower Upper

91 100

92 56.5 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031653.D (-2019) (-)

Ion 92.00 (91.70 to 92.70): VU031653.D (-2019) (-)

7.63

2000000

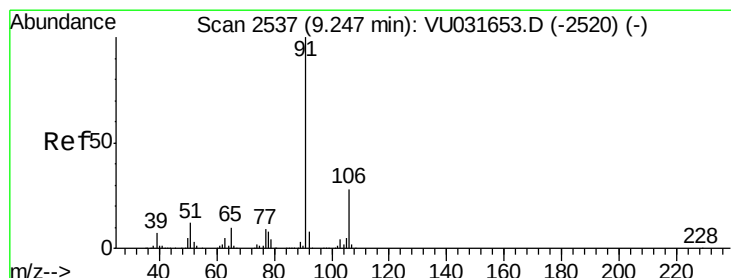
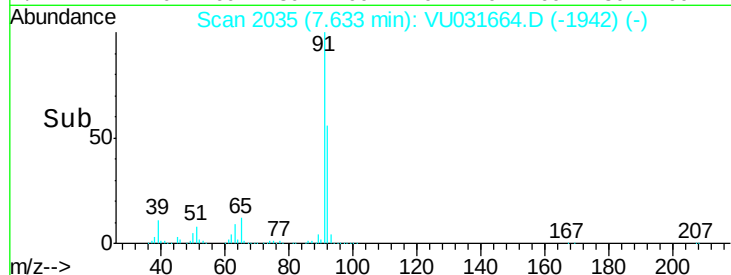
1500000

1000000

500000

0

Time-->



#52

Ethylbenzene

Concen: 125.110 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031664.D

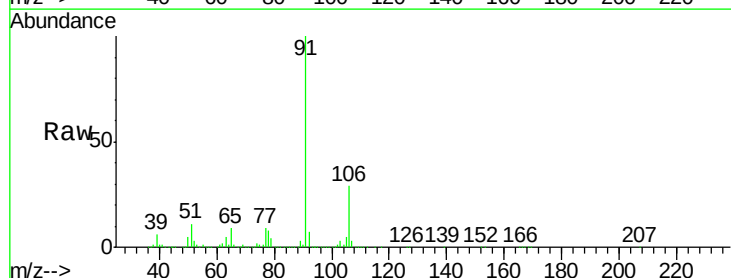
Acq: 01 May 2019 03:44

Tgt Ion: 91 Resp: 4421162

Ion Ratio Lower Upper

91 100

106 28.8 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031653.D (-2520) (-)

Ion 106.00 (105.70 to 106.70): VU031653.D (-2520) (-)

9.25

3000000

2500000

2000000

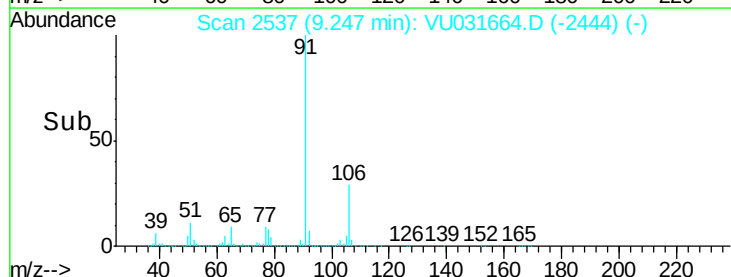
1500000

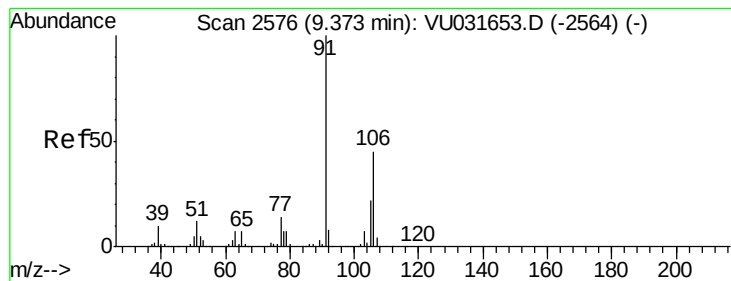
1000000

500000

0

Time-->





#53

m,p-Xylene

Concen: 80.003 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Instrument :

MSVOA_U

ClientSampleId :

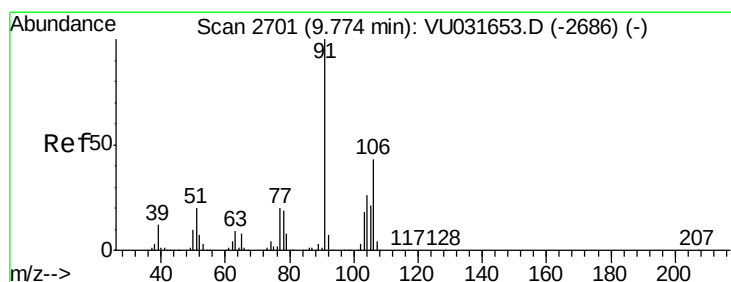
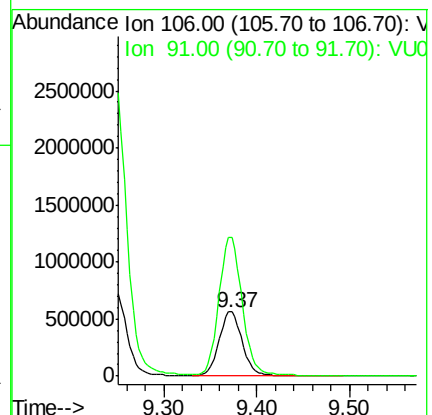
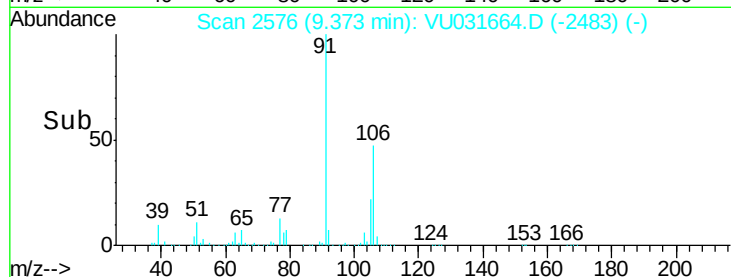
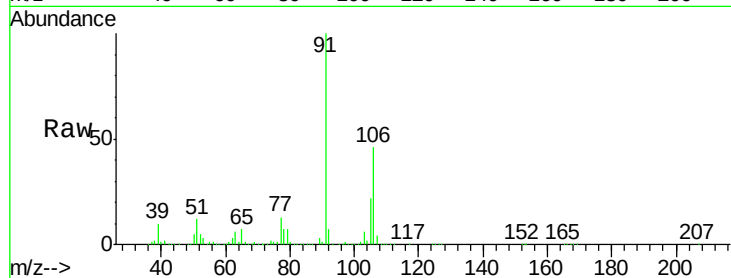
GAJ87

Tot Ion:106 Resp: 985024

Ion Ratio Lower Upper

106 100

91 215.1 152.2 282.6



#54

o-xylene

Concen: 36.059 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031664.D

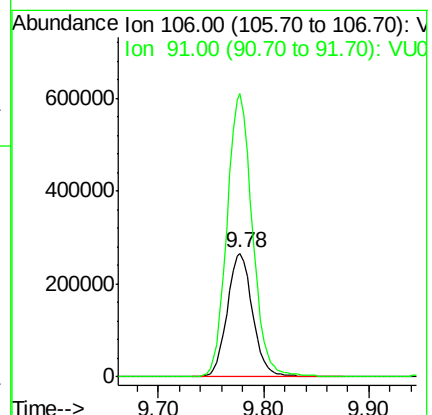
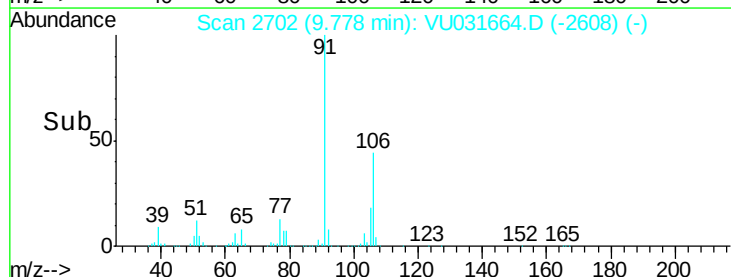
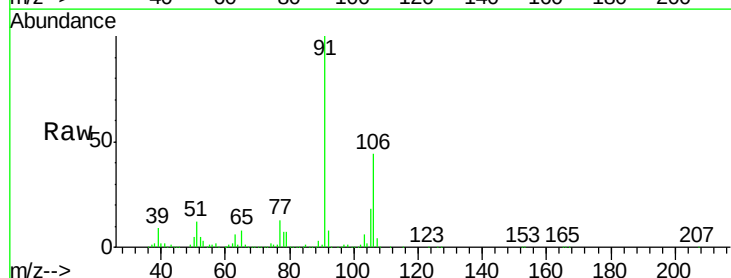
Acq: 01 May 2019 03:44

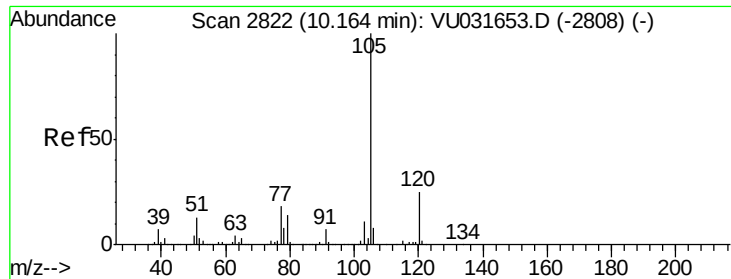
Tgt Ion:106 Resp: 440154

Ion Ratio Lower Upper

106 100

91 228.2 163.2 303.2





#56

Isopropylbenzene

Concen: 7.571 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Instrument :

MSVOA_U

ClientSampleId :

GAJ87

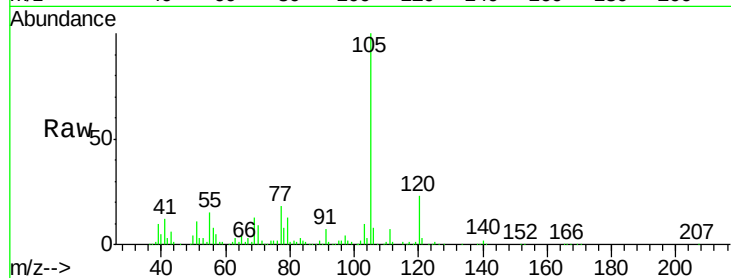
Tot Ion:105 Resp: 243004

Ion Ratio Lower Upper

105 100

120 23.6 20.1 30.1

77 17.8 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): VU

