

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030468.D
 Acq On : 27 Mar 2019 01:00
 Operator : JC/SP
 Sample : K2063-15 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2

Quant Time: Mar 27 08:22:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	426052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171607	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.67	69	142925	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.27	63	244958	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	353490	105.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.64	84	303055	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	5.31	65	205102	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.34	84	621470	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.33	67	218855	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.56	98	534725	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%
43) trans-1,3-Dichloropropene-	7.85	79	92528	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.31	63	229611	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300381	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	190375	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

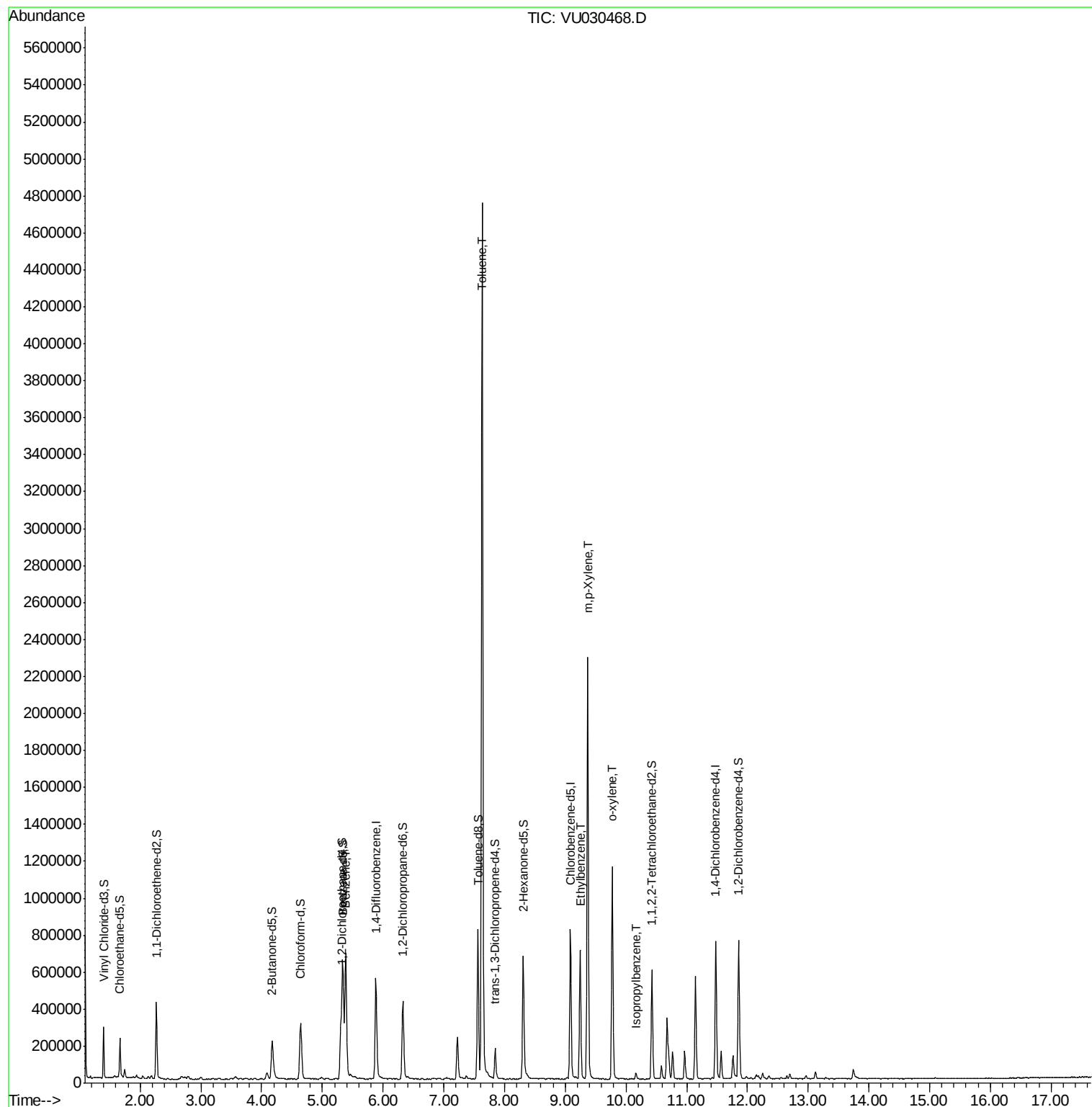
					Ovalue
33) Benzene	5.39	78	659471	45.471	ug/L 100
42) Toluene	7.63	91	3436020	228.278	ug/L 99
52) Ethylbenzene	9.25	91	493938	30.293	ug/L 100
53) m,p-Xylene	9.37	106	618474	105.050	ug/L 97
54) o-xylene	9.77	106	287310	50.014	ug/L 98
56) Isopropylbenzene	10.16	105	18824	1.238	ug/L 98

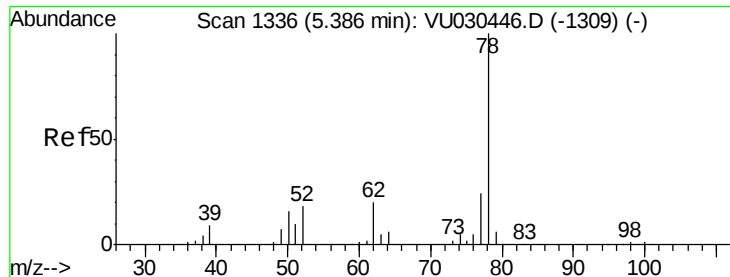
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 45.471 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

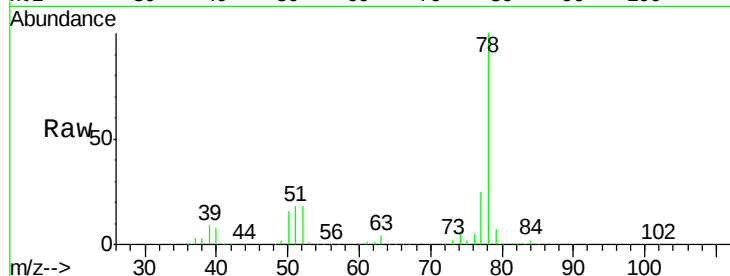
Instrument :

MSVOA_U

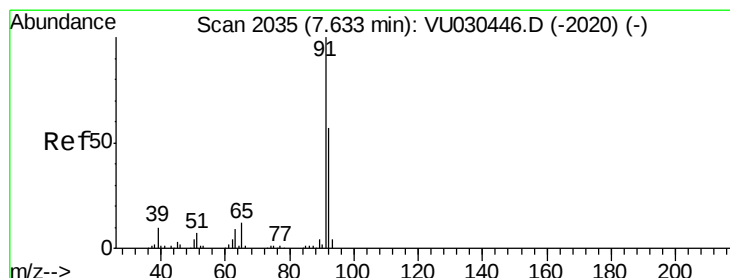
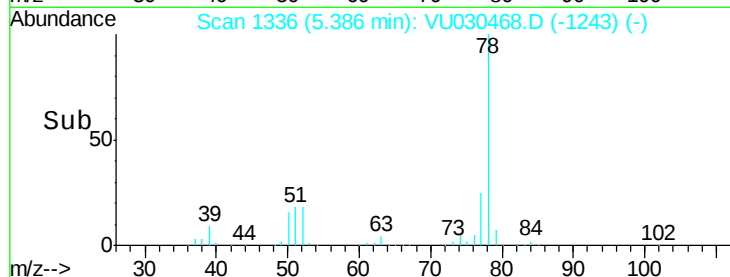
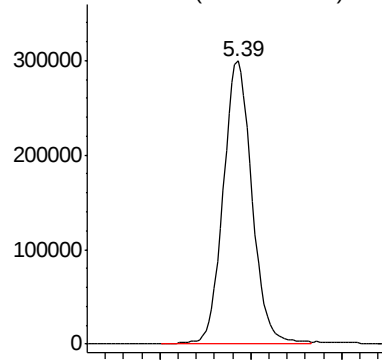
ClientSampleId :

DB6S2

Tgt Ion: 78 Resp: 659471



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 228.278 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030468.D

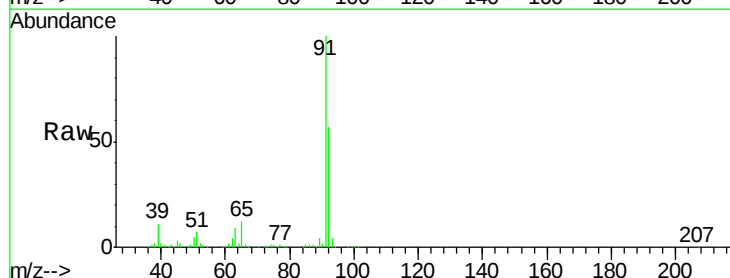
Acq: 27 Mar 2019 01:00

Tgt Ion: 91 Resp: 3436020

Ion Ratio Lower Upper

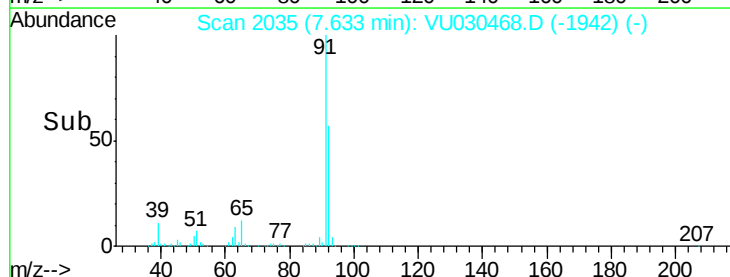
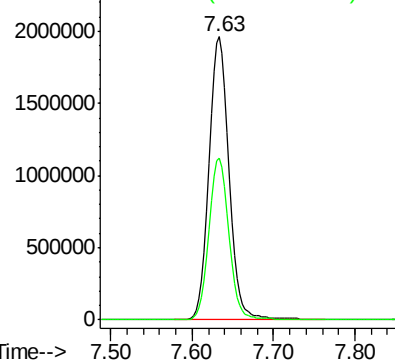
91 100

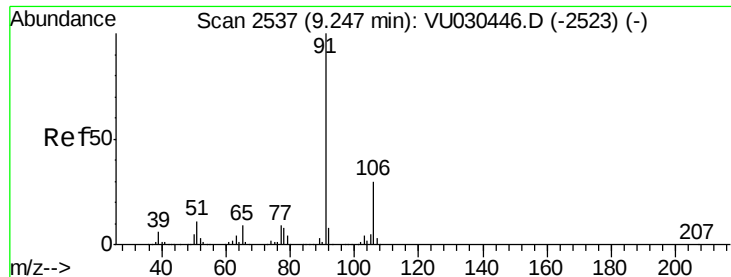
92 57.3 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 30.293 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

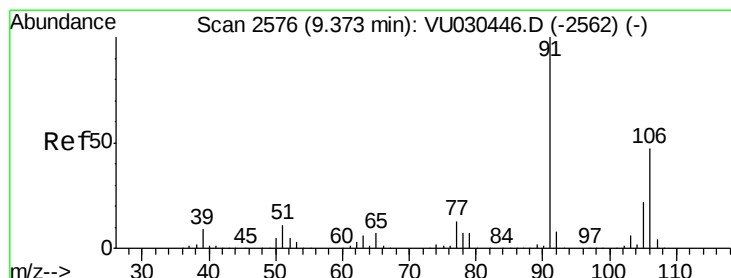
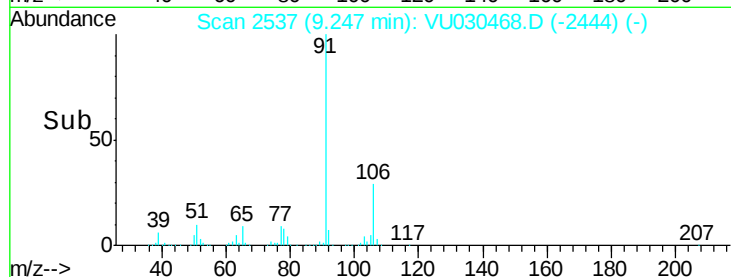
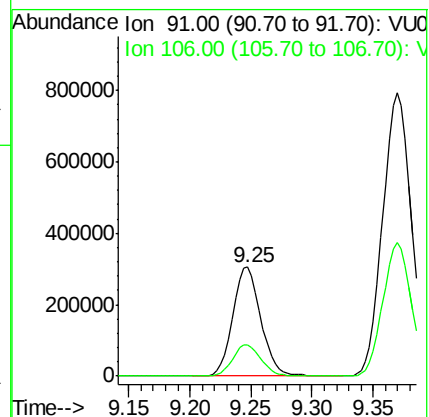
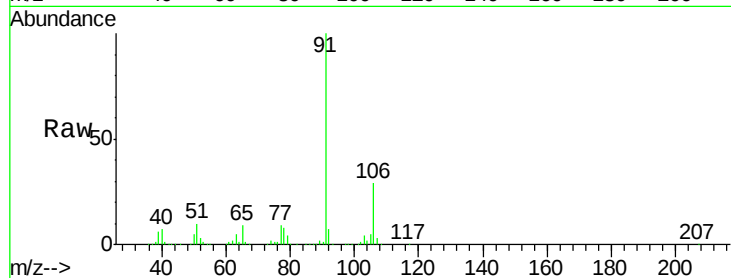
DB6S2

Tot Ion: 91 Resp: 493938

Ion Ratio Lower Upper

91 100

106 29.2 20.6 38.2



#53

m,p-Xylene

Concen: 105.050 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030468.D

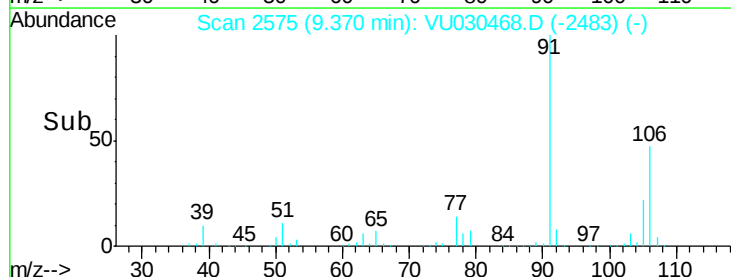
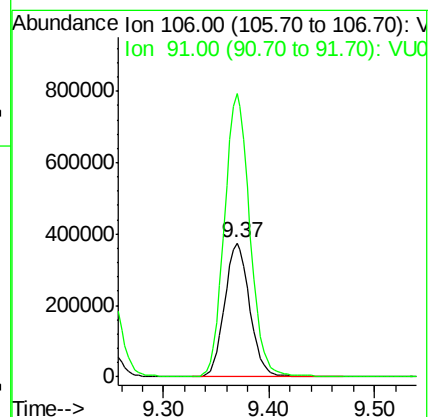
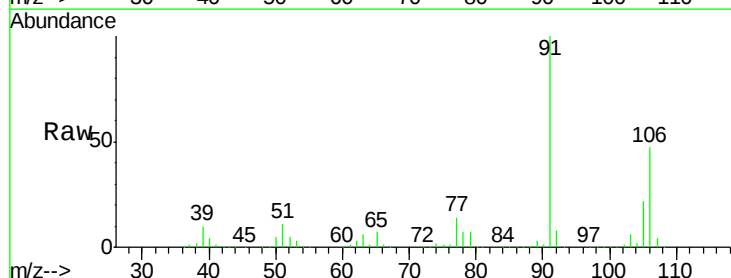
Acq: 27 Mar 2019 01:00

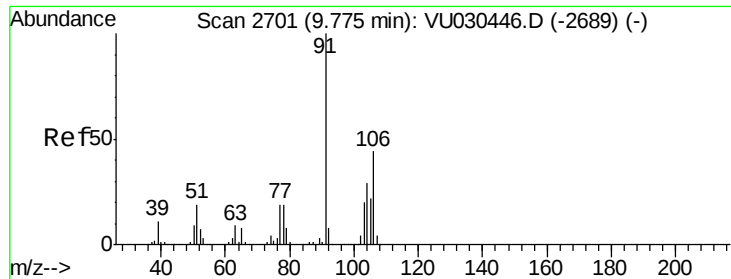
Tgt Ion: 106 Resp: 618474

Ion Ratio Lower Upper

106 100

91 211.8 151.2 280.8





#54

o-xylene

Concen: 50.014 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_U

ClientSampleId :

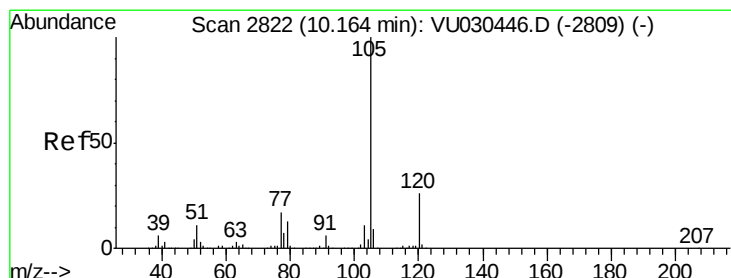
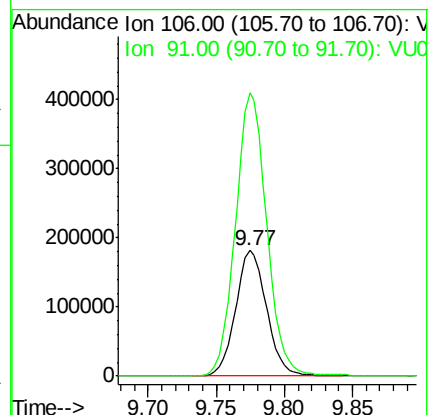
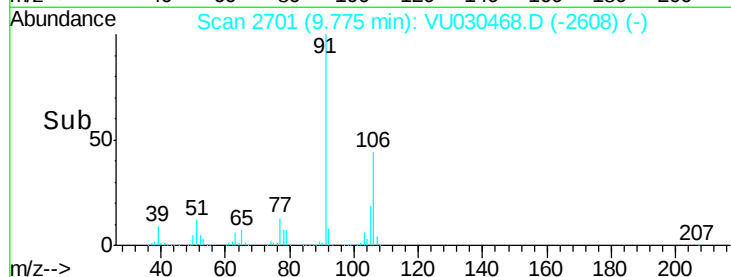
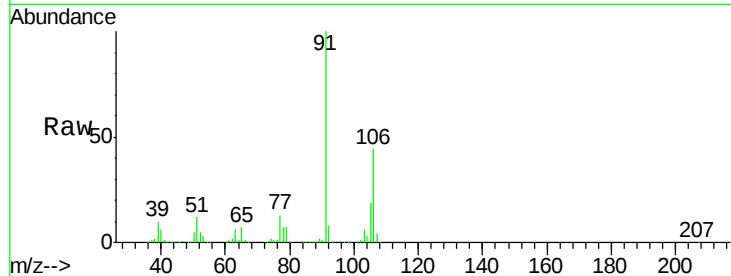
DB6S2

Tot Ion:106 Resp: 287310

Ion Ratio Lower Upper

106 100

91 225.1 159.6 296.4



#56

Isopropylbenzene

Concen: 1.238 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030468.D

Acq: 27 Mar 2019 01:00

Tgt Ion:105 Resp: 18824

Ion Ratio Lower Upper

105 100

120 24.4 20.2 30.2

77 15.8 13.2 19.8

