

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032300.D
 Acq On : 24 May 2019 09:51
 Operator : JC/SP
 Sample : K3001-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF6

Quant Time: May 24 23:42:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:32:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	769811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	744298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	239001	59.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.78%
7) Chloroethane-d5	1.67	69	215615	55.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.66%
11) 1,1-Dichloroethene-d2	2.27	63	334561	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.84%
21) 2-Butanone-d5	4.17	46	358869	93.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.48%
24) Chloroform-d	4.64	84	486011	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.31	65	296394	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
32) Benzene-d6	5.33	84	991232	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.32	67	301968	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.56	98	875155	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%
43) trans-1,3-Dichloropropene-	7.85	79	124305	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	245601	96.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	462007	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	349919	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

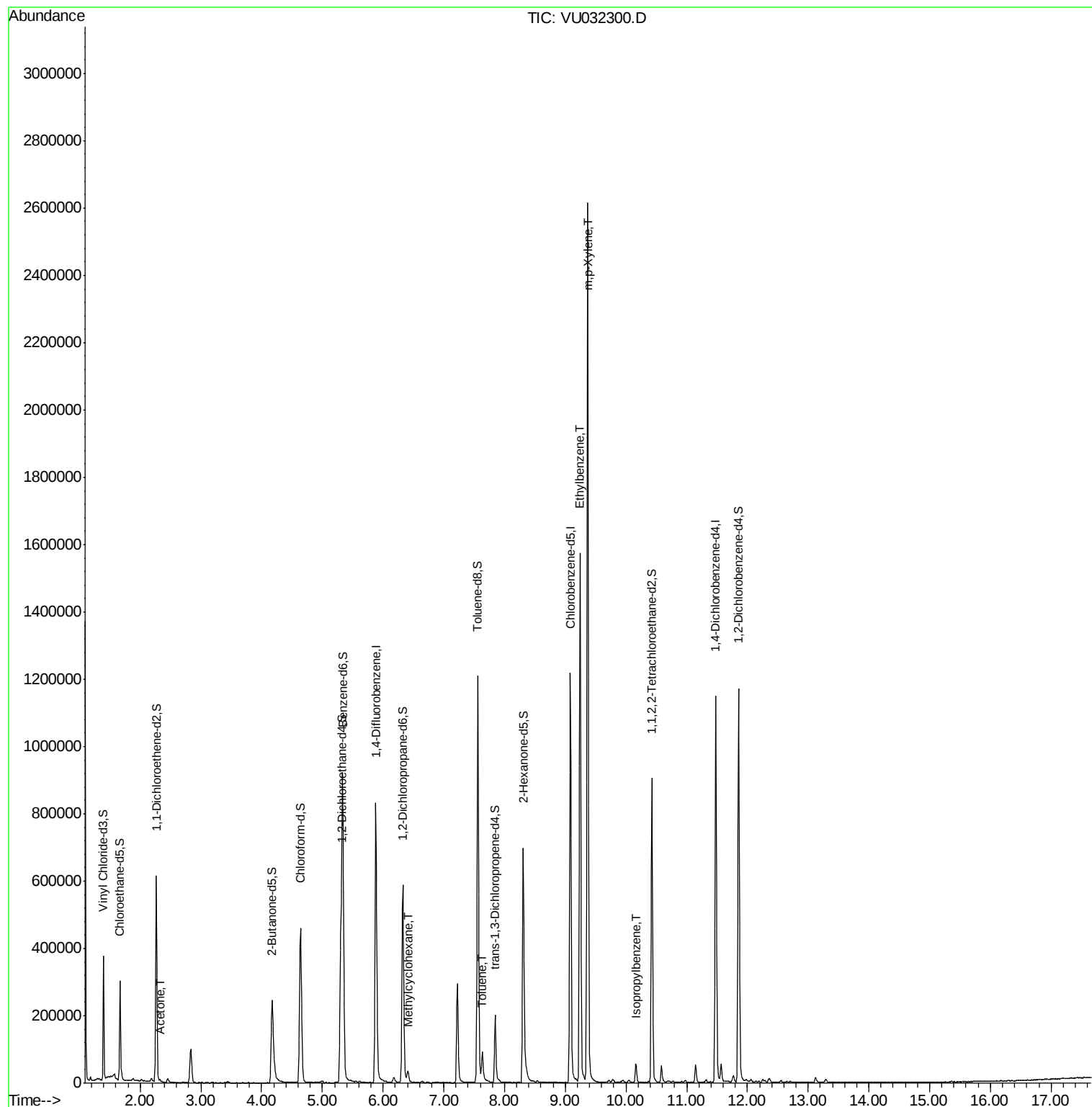
					Ovalue
13) Acetone	2.32	43	4244	1.372 ug/L	84
35) Methylcyclohexane	6.41	83	14371	2.253 ug/L	94
42) Toluene	7.64	91	67756	3.022 ug/L	93
52) Ethylbenzene	9.24	91	1149790	50.465 ug/L	99
53) m,p-Xylene	9.37	106	794756	90.372 ug/L	100
56) Isopropylbenzene	10.16	105	39689	1.853 ug/L	97

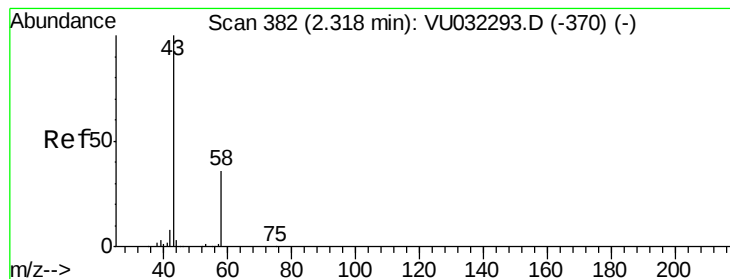
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.372 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032300.D

Acq: 24 May 2019 09:51

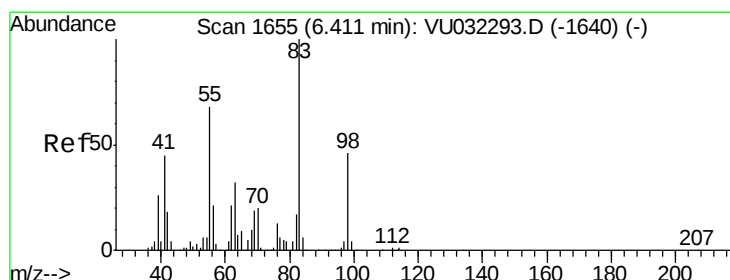
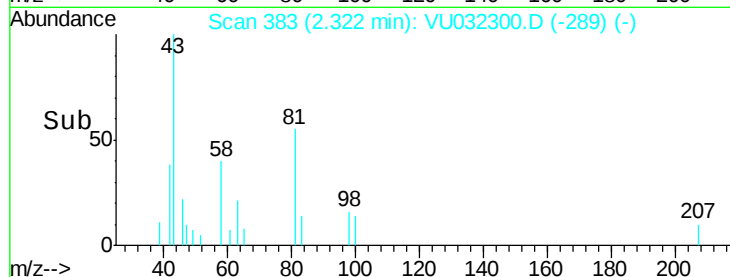
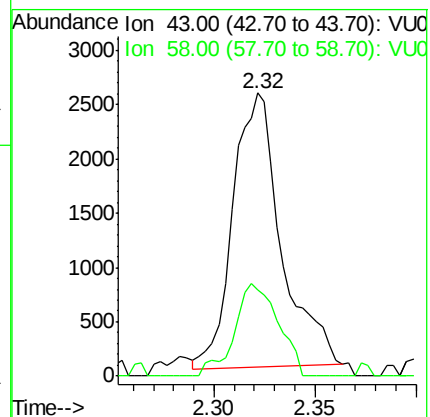
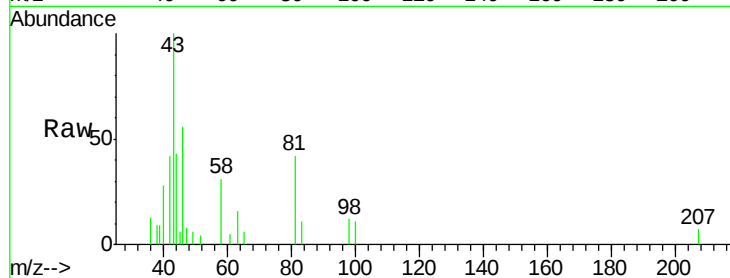
Instrument :
MSVOA_U
ClientSampleId :
E3YF6

Tot Ion: 43 Resp: 4244

Ion Ratio Lower Upper

43 100

58 28.7 0.0 77.2



#35

Methylcyclohexane

Concen: 2.253 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU032300.D

Acq: 24 May 2019 09:51

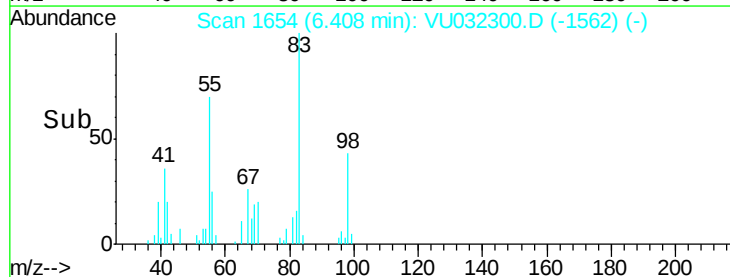
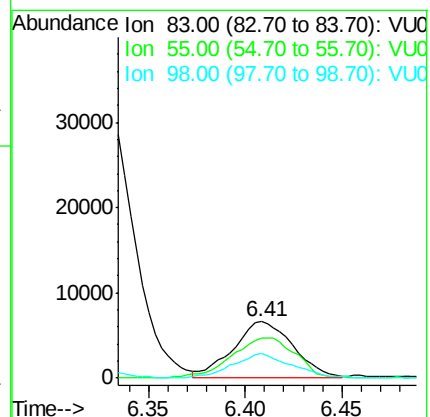
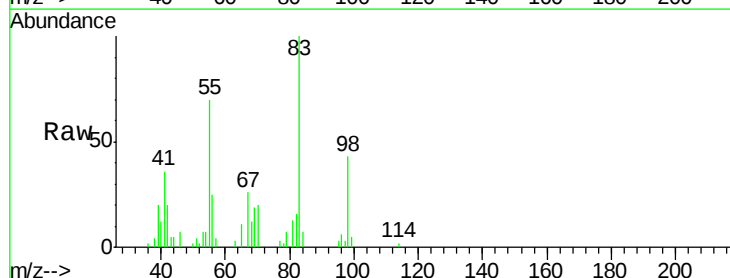
Tgt Ion: 83 Resp: 14371

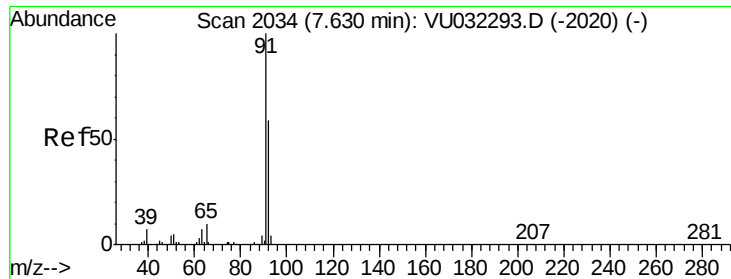
Ion Ratio Lower Upper

83 100

55 75.9 56.1 84.1

98 42.3 36.8 55.2





#42

Toluene

Concen: 3.022 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032300.D

Acq: 24 May 2019 09:51

Instrument :

MSVOA_U

ClientSampleId :

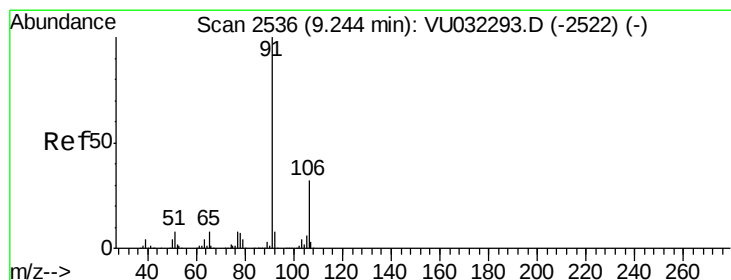
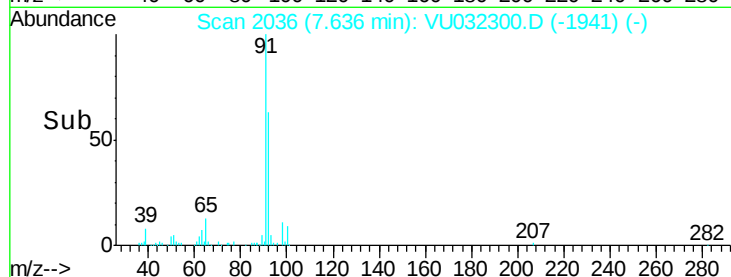
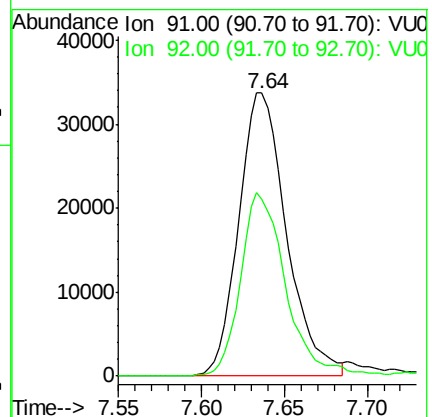
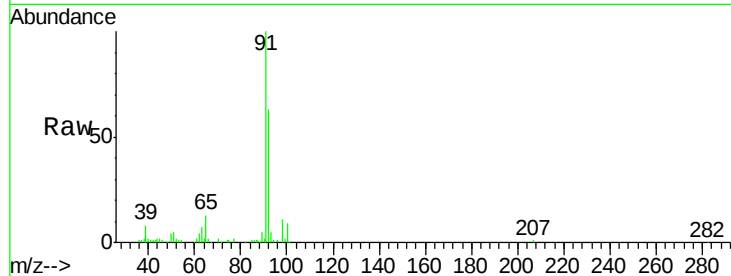
E3YF6

Tot Ion: 91 Resp: 67756

Ion Ratio Lower Upper

91 100

92 62.7 40.3 74.9



#52

Ethylbenzene

Concen: 50.465 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032300.D

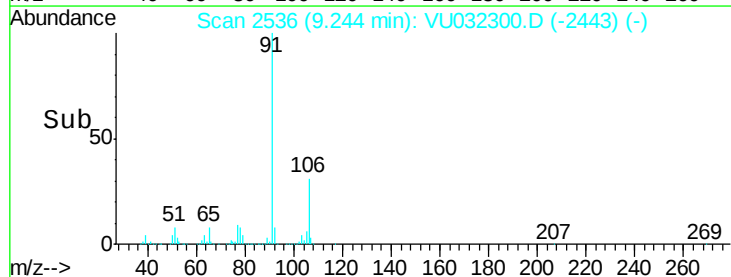
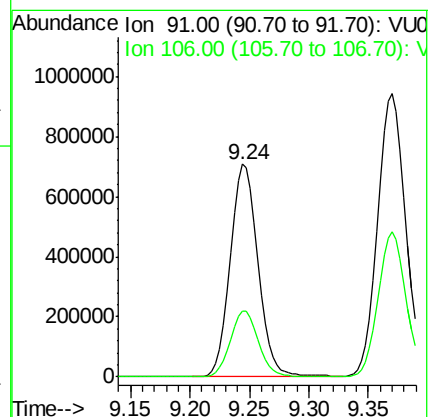
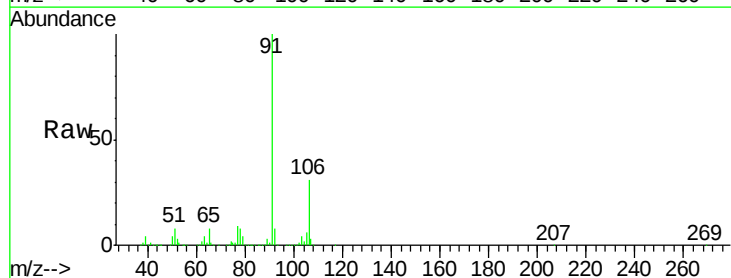
Acq: 24 May 2019 09:51

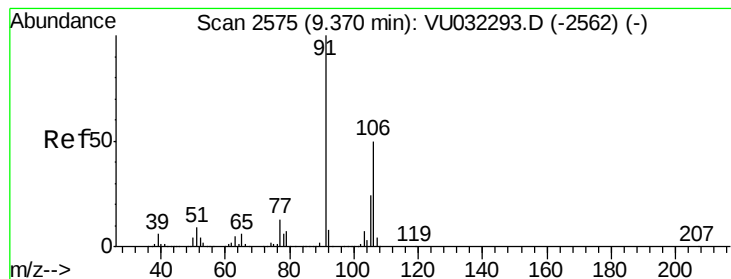
Tgt Ion: 91 Resp: 1149790

Ion Ratio Lower Upper

91 100

106 31.1 22.0 41.0





#53

m,p-Xylene

Concen: 90.372 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032300.D

Acq: 24 May 2019 09:51

Instrument :

MSVOA_U

ClientSampleId :

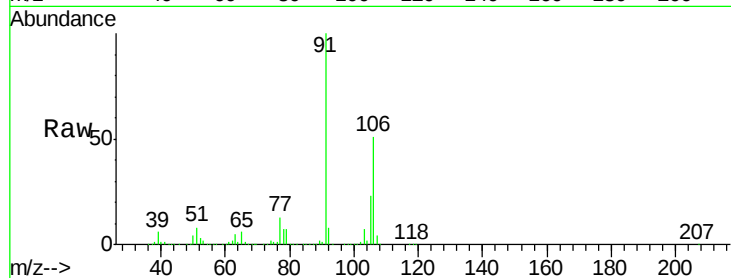
E3YF6

Tot Ion:106 Resp: 794756

Ion Ratio Lower Upper

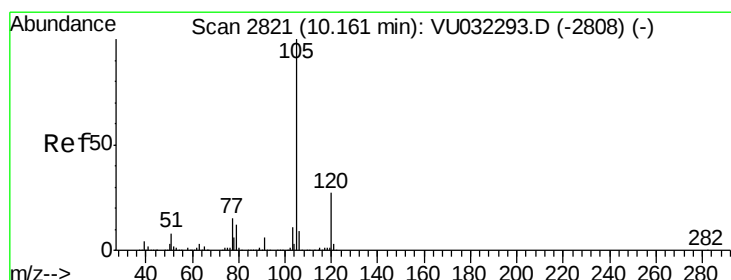
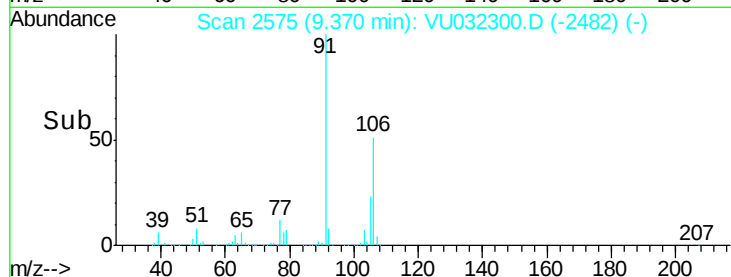
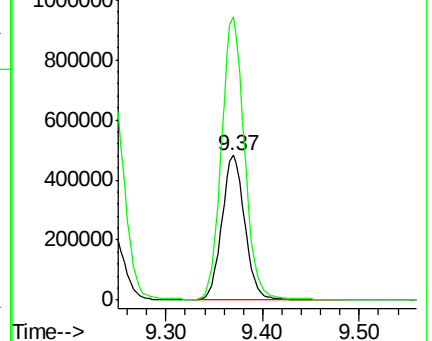
106 100

91 195.7 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 1.853 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032300.D

Acq: 24 May 2019 09:51

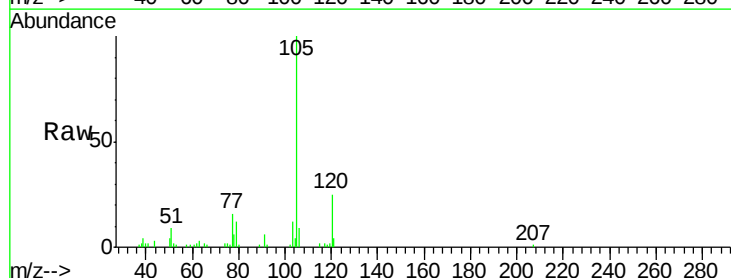
Tgt Ion:105 Resp: 39689

Ion Ratio Lower Upper

105 100

120 24.8 21.0 31.4

77 16.4 11.8 17.6



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

