

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032301.D
 Acq On : 24 May 2019 10:15
 Operator : JC/SP
 Sample : K3001-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF5

Quant Time: May 24 23:47:55 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	798711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	788718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	346138	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247824	59.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.72%
7) Chloroethane-d5	1.67	69	219307	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.46%
11) 1,1-Dichloroethene-d2	2.27	63	351905	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.00%
21) 2-Butanone-d5	4.17	46	345941	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.64	84	484377	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.30	65	306869	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.33	84	1010223	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	310015	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.56	98	924502	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	124806	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.31	63	238554	88.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	466889	43.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	373089	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

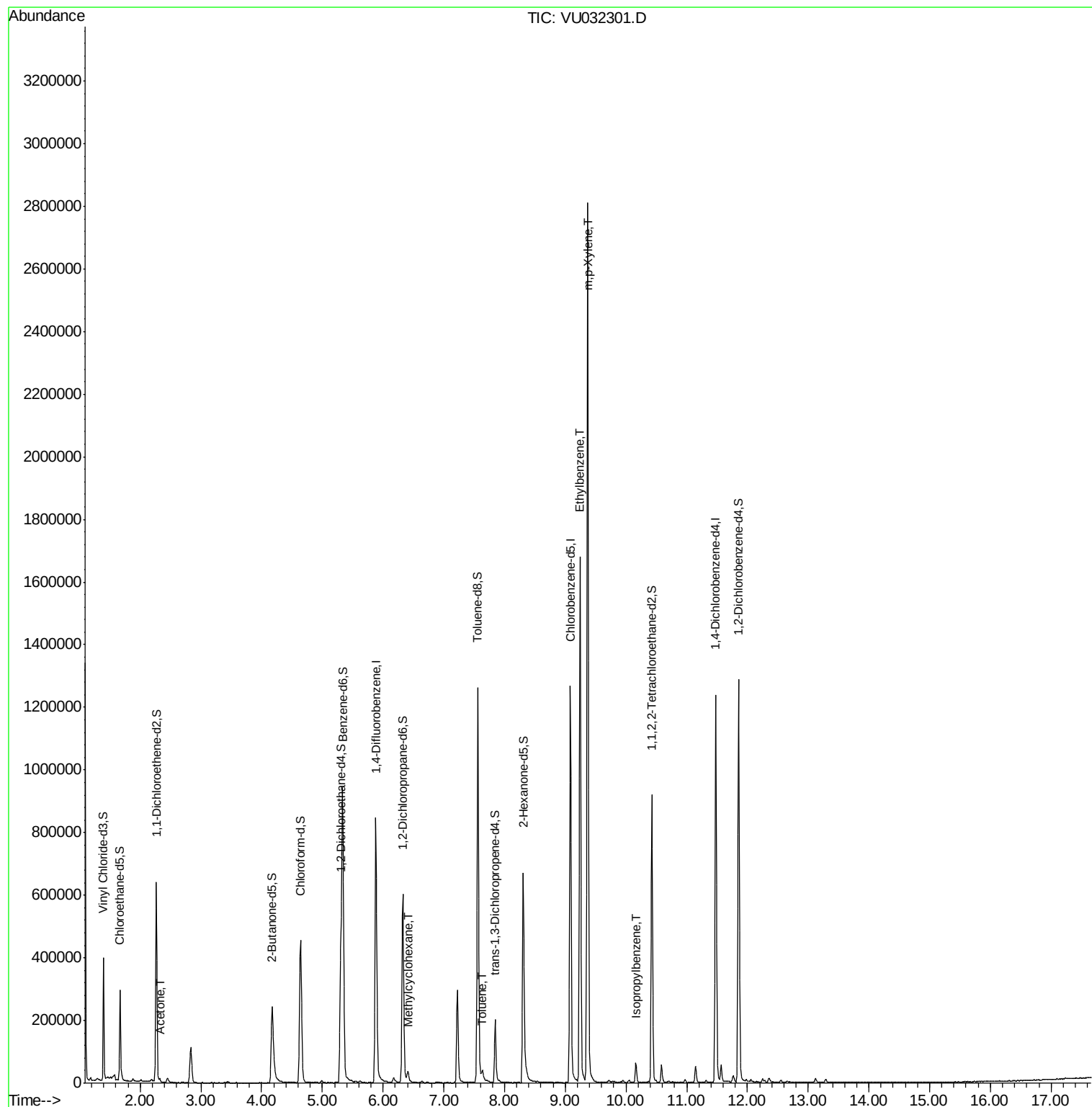
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	5191	1.617	ug/L	96
35) Methylcyclohexane	6.41	83	15474	2.289	ug/L	97
42) Toluene	7.64	91	23258	0.979	ug/L	98
52) Ethylbenzene	9.24	91	1217654	50.434	ug/L	99
53) m,p-Xylene	9.37	106	861671	92.463	ug/L	99
56) Isopropylbenzene	10.16	105	40954	1.805	ug/L	99

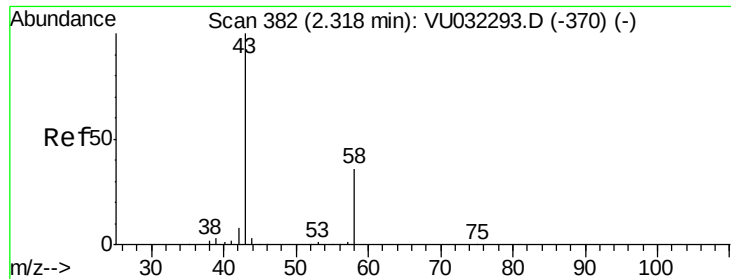
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.617 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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ClientSampleId :

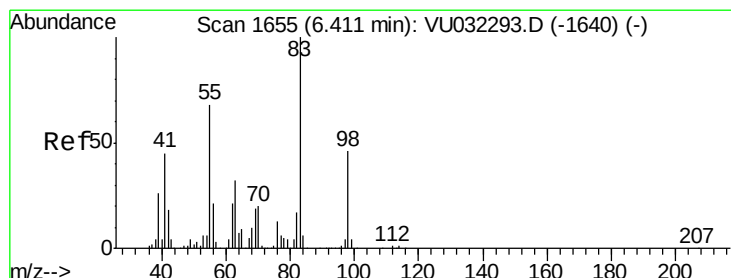
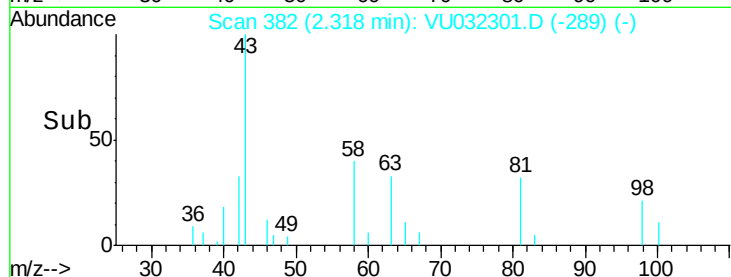
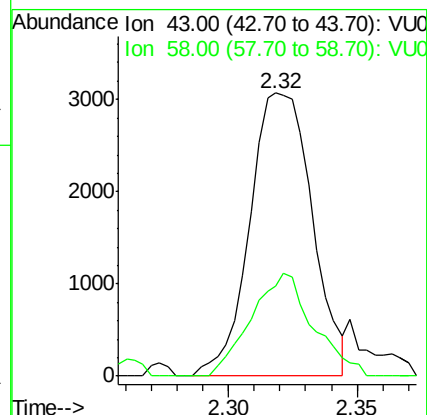
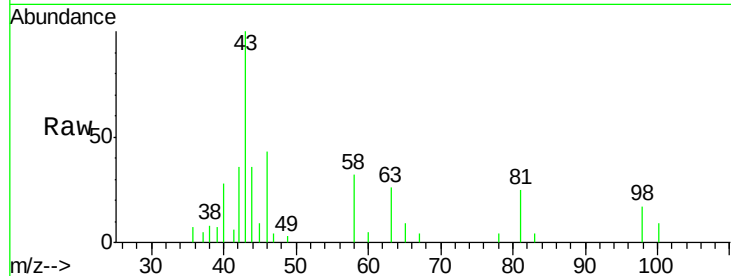
E3YF5

Tot Ion: 43 Resp: 5191

Ion Ratio Lower Upper

43 100

58 36.2 0.0 77.2



#35

Methylcyclohexane

Concen: 2.289 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU032301.D

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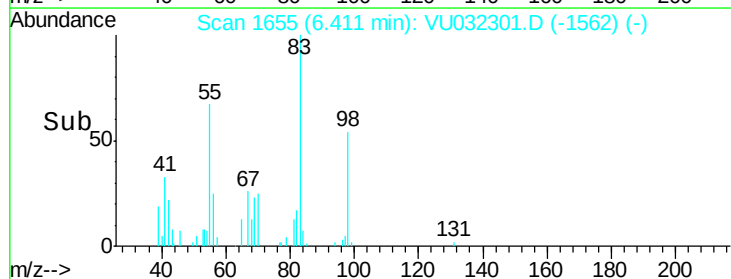
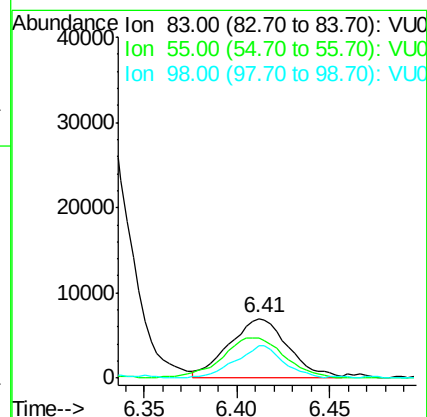
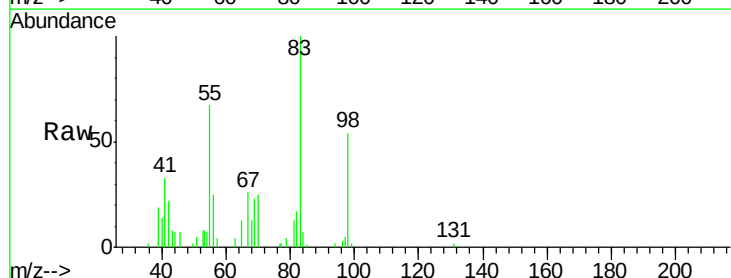
Tgt Ion: 83 Resp: 15474

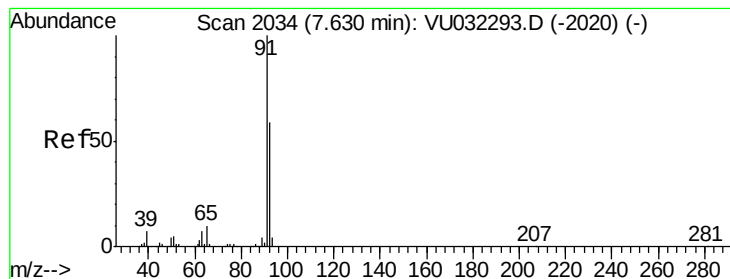
Ion Ratio Lower Upper

83 100

55 72.1 56.1 84.1

98 44.0 36.8 55.2





#42

Toluene

Concen: 0.979 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

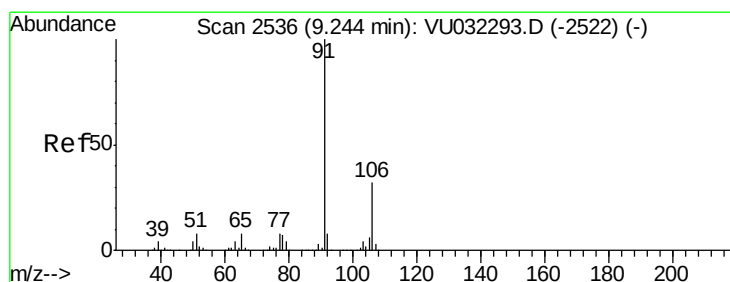
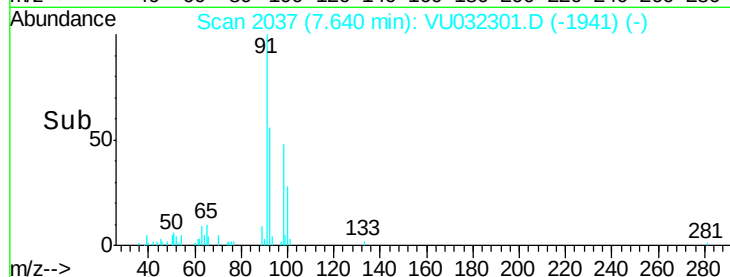
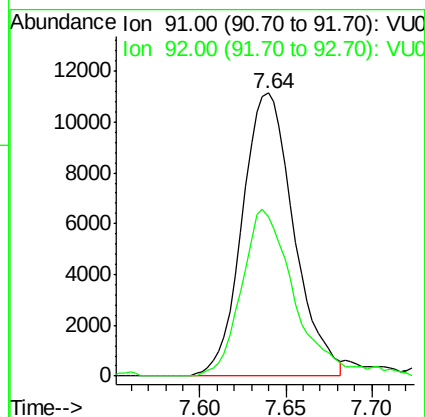
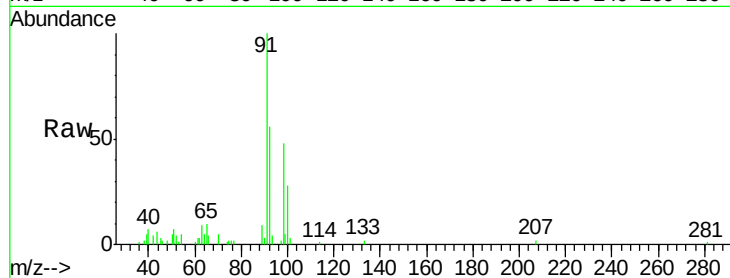
E3YF5

Tot Ion: 91 Resp: 23258

Ion Ratio Lower Upper

91 100

92 56.5 40.3 74.9



#52

Ethylbenzene

Concen: 50.434 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032301.D

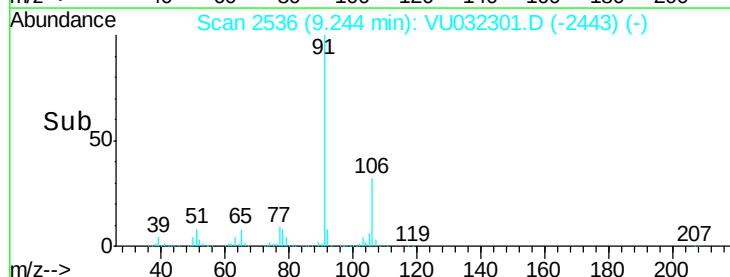
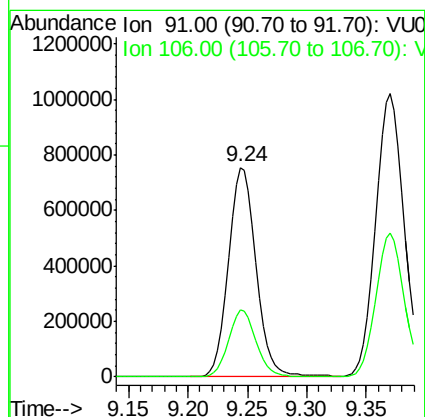
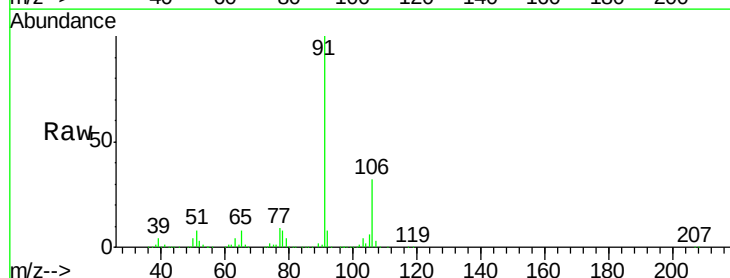
Acq: 24 May 2019 10:15

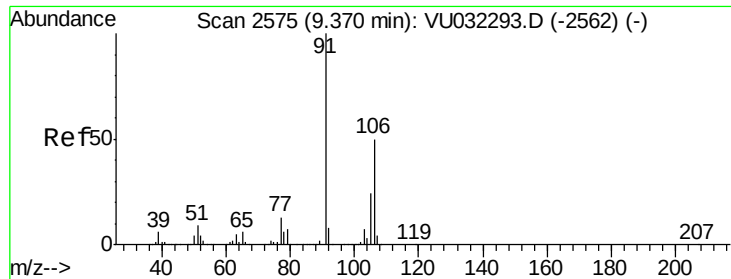
Tgt Ion: 91 Resp: 1217654

Ion Ratio Lower Upper

91 100

106 31.8 22.0 41.0





#53

m,p-Xylene

Concen: 92.463 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

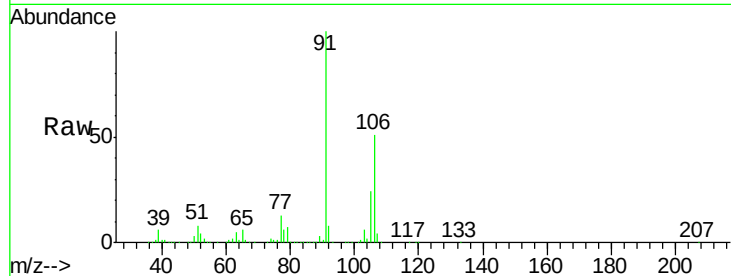
E3YF5

Tot Ion:106 Resp: 861671

Ion Ratio Lower Upper

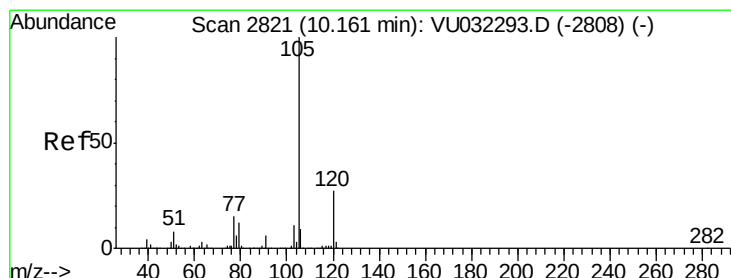
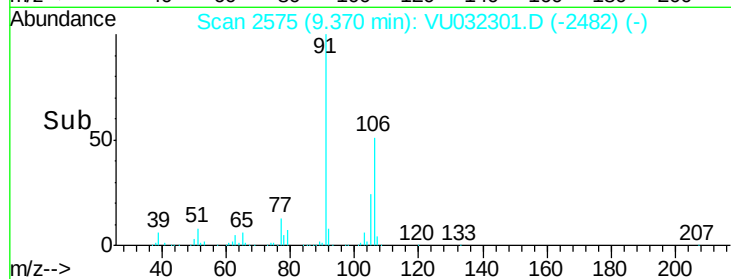
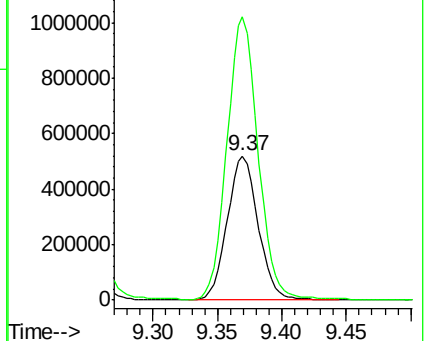
106 100

91 196.6 136.5 253.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 1.805 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032301.D

Acq: 24 May 2019 10:15

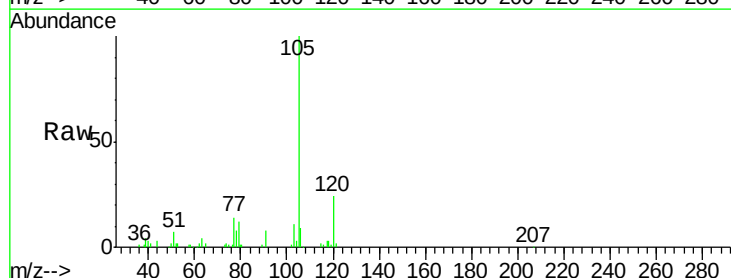
Tgt Ion:105 Resp: 40954

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

77 16.1 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

