

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032304.D
 Acq On : 24 May 2019 11:28
 Operator : JC/SP
 Sample : K3001-12 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF7

Quant Time: May 24 23:59:07 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	786278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	348023	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217363	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.67	69	203334	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.10%
11) 1,1-Dichloroethene-d2	2.27	63	323978	39.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.48%
21) 2-Butanone-d5	4.17	46	349041	89.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.01%
24) Chloroform-d	4.64	84	466824	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
26) 1,2-Dichloroethane-d4	5.30	65	292754	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
32) Benzene-d6	5.33	84	968458	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.32	67	295298	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.08%
41) Toluene-d8	7.56	98	883695	48.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.90%
43) trans-1,3-Dichloropropene-	7.85	79	134536	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.31	63	230450	87.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	454533	43.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	361192	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

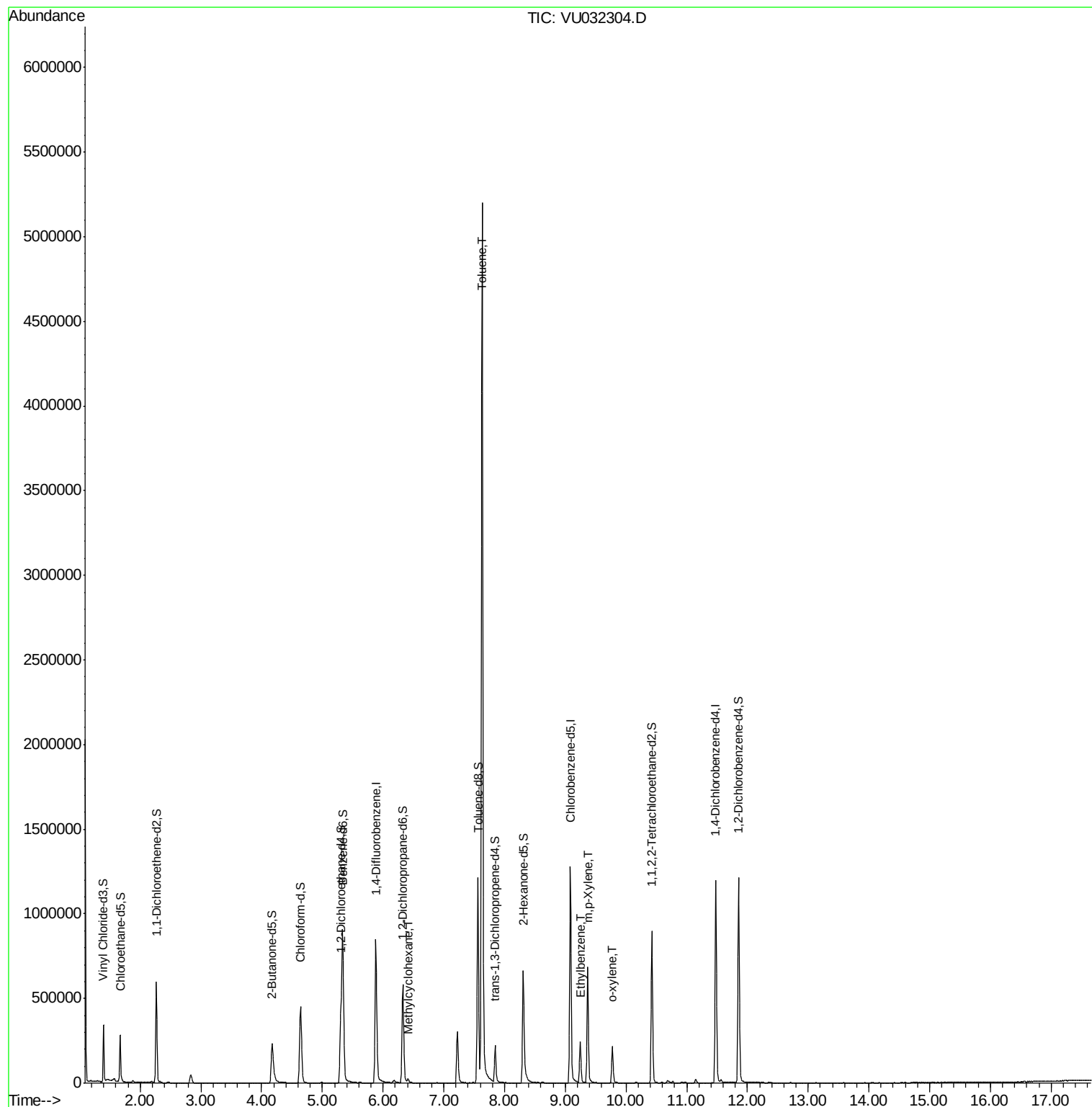
					Ovalue
35) Methylcyclohexane	6.41	83	10384	1.564	ug/L # 88
42) Toluene	7.63	91	4126700	176.888	ug/L 100
52) Ethylbenzene	9.25	91	177813	7.499	ug/L 100
53) m,p-Xylene	9.37	106	209696	22.913	ug/L 98
54) o-xylene	9.77	106	61067	6.399	ug/L 98

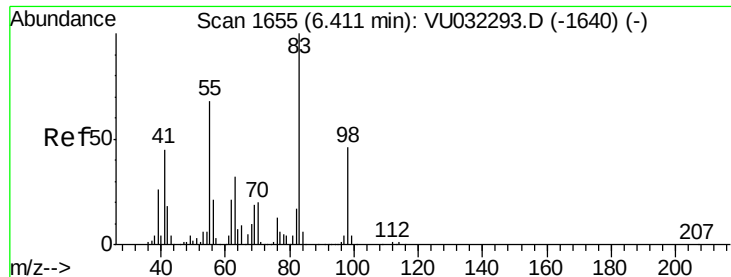
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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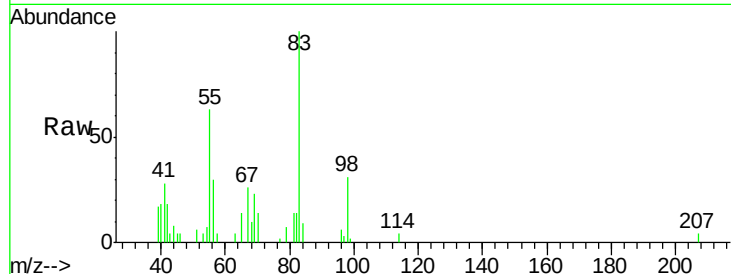




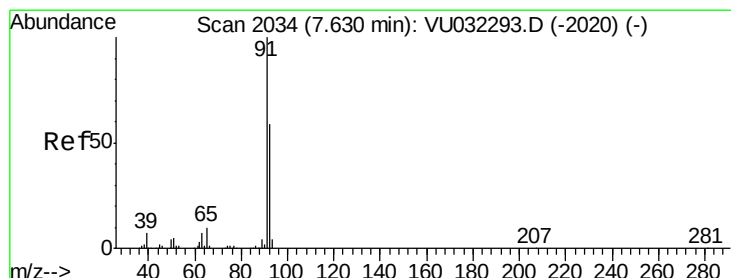
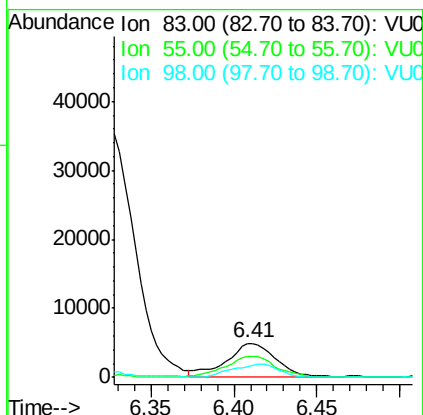
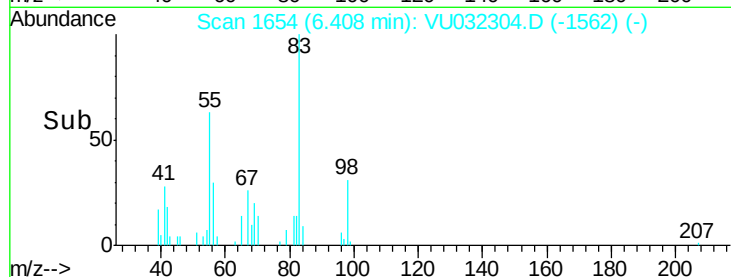
#35
Methylvlcyclohexane
Concen: 1.564 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tot Ion: 83 Resp: 10384
Ion Ratio Lower Upper
83 100
55 62.0 56.1 84.1
98 36.8 36.8 55.2#

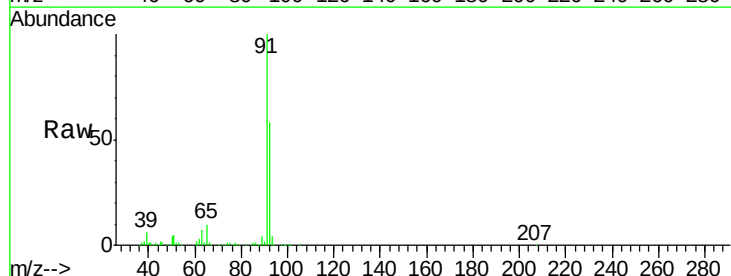


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

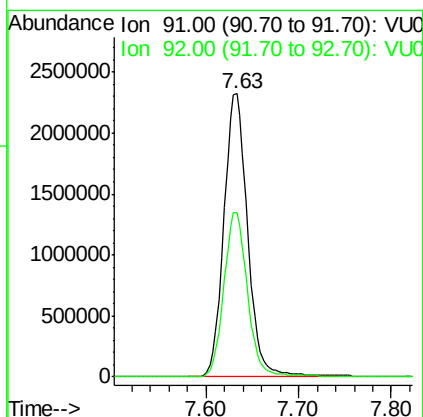
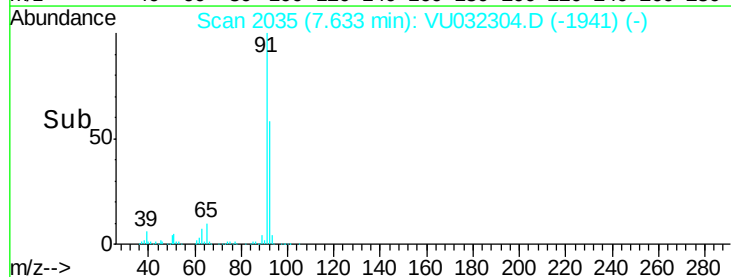


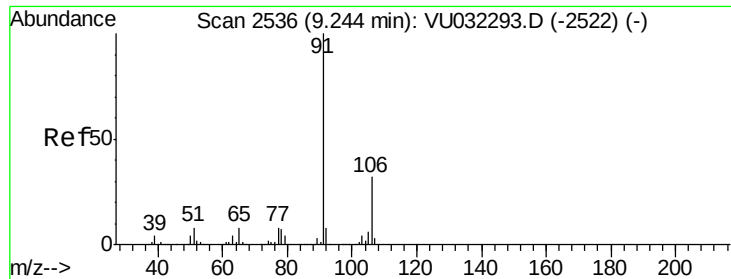
#42
Toluene
Concen: 176.888 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Tgt Ion: 91 Resp: 4126700
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 7.499 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032304.D

Acq: 24 May 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

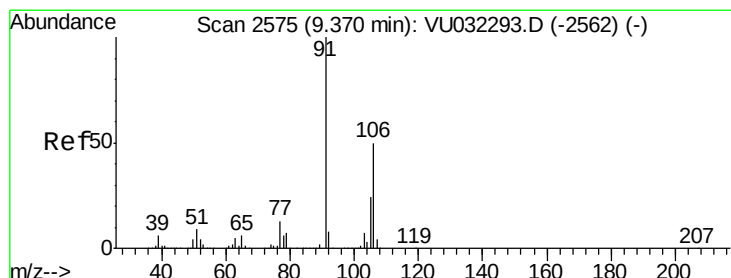
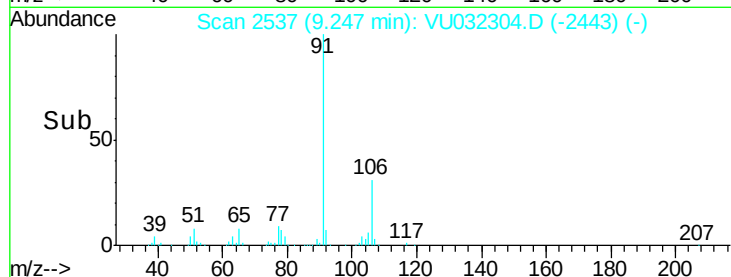
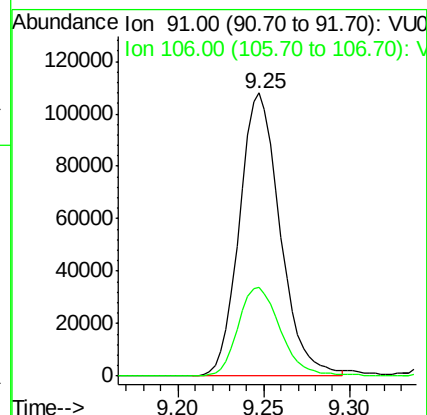
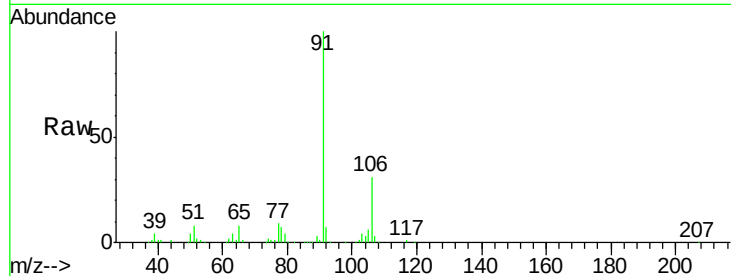
E3YF7

Tot Ion: 91 Resp: 177813

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-Xylene

Concen: 22.913 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032304.D

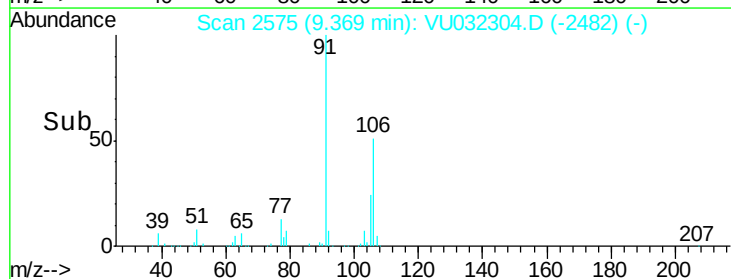
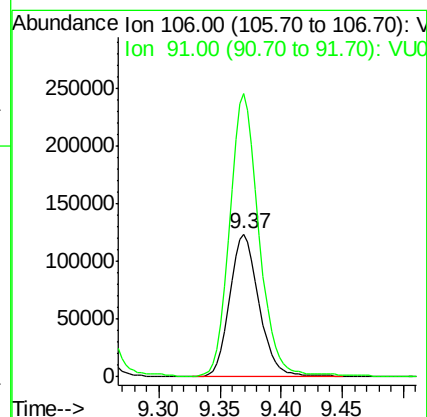
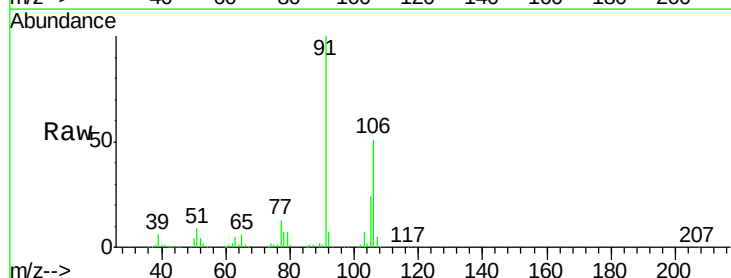
Acq: 24 May 2019 11:28

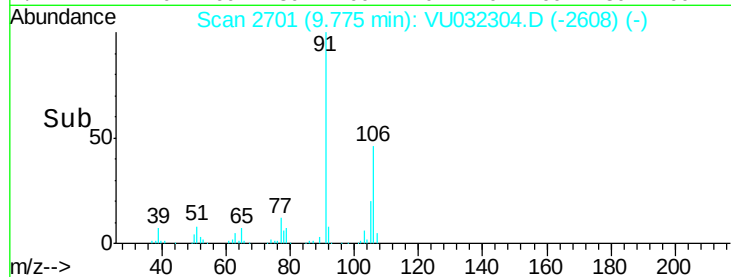
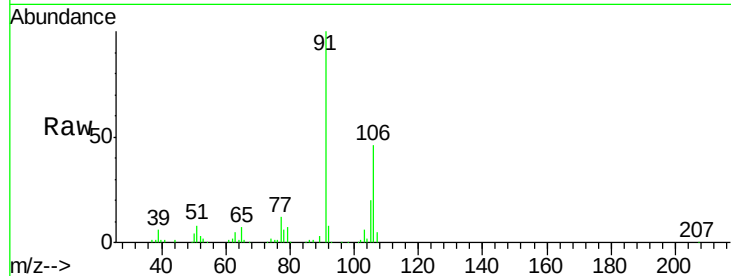
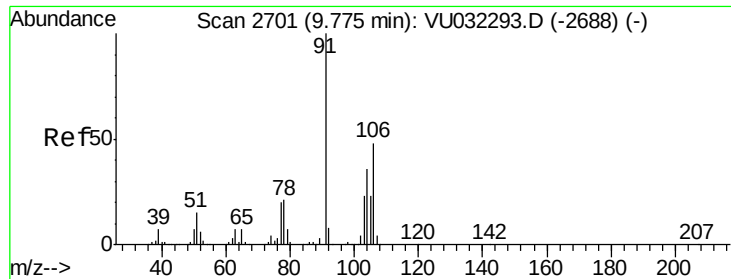
Tgt Ion: 106 Resp: 209696

Ion Ratio Lower Upper

106 100

91 197.9 136.5 253.5





#54
o-xylene
Concen: 6.399 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032304.D
Acq: 24 May 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tot Ion:106 Resp: 61067
Ion Ratio Lower Upper
106 100
91 218.0 150.3 279.1

