

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034686.D
 Acq On : 20 Sep 2019 14:11
 Operator : JC/SP
 Sample : K4982-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW1

Quant Time: Sep 21 03:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	475695	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	443087	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	196720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	207861	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.67	69	177265	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.26	63	288664	35.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.00%
21) 2-Butanone-d5	4.15	46	383194	102.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.67%
24) Chloroform-d	4.62	84	343444	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
26) 1,2-Dichloroethane-d4	5.29	65	253466	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.32	84	687200	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
36) 1,2-Dichloropropane-d6	6.31	67	243951	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.54	98	642370	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%
43) trans-1,3-Dichloropropene-	7.83	79	116531	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.38%
47) 2-Hexanone-d5	8.29	63	251892	104.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	325846	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.84	152	212853	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

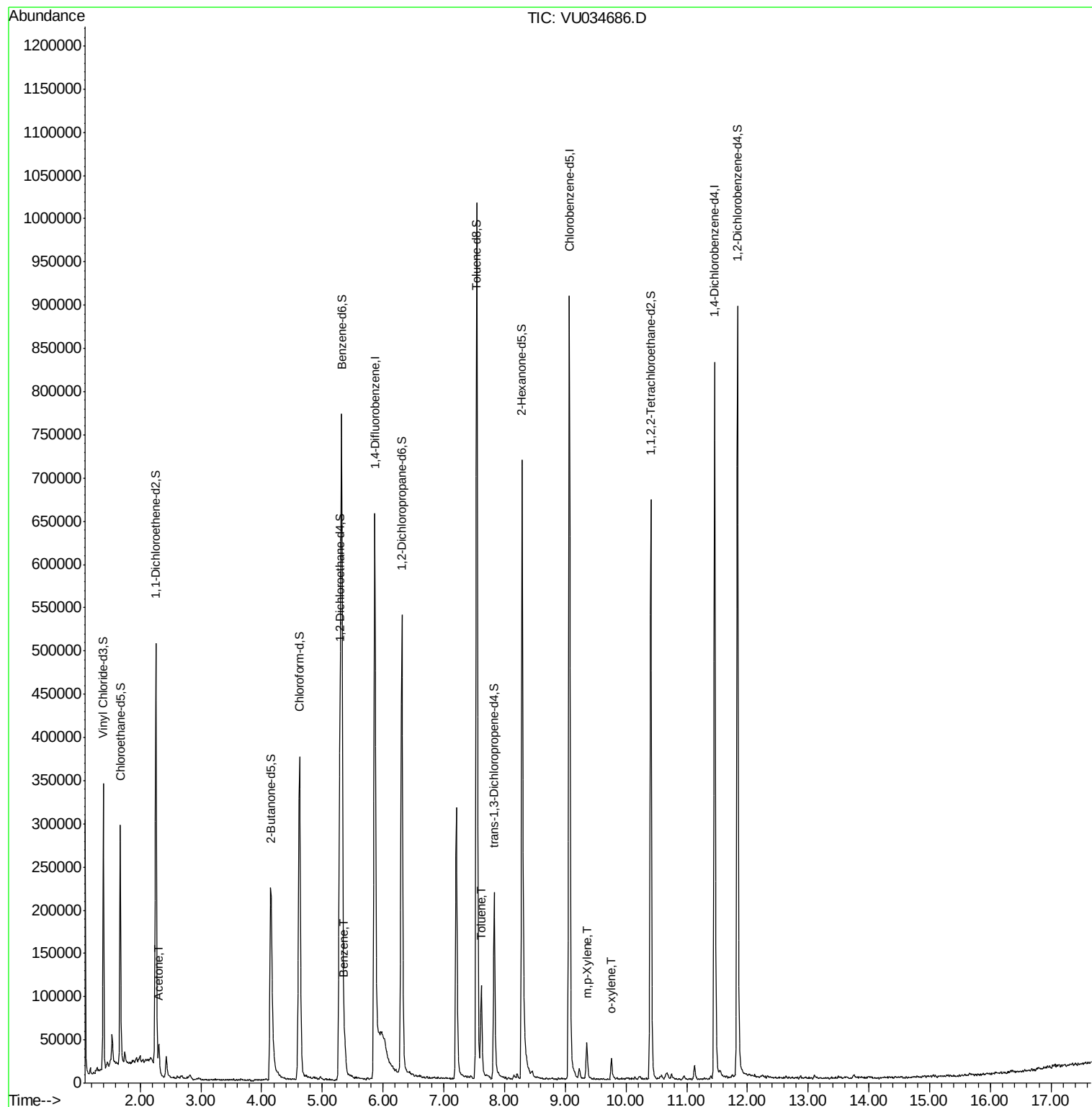
					Ovalue
13) Acetone	2.31	43	36908	8.501 ug/L	95
33) Benzene	5.37	78	29786	1.938 ug/L	100
42) Toluene	7.62	91	71367	4.297 ug/L	97
53) m,p-Xylene	9.36	106	10948	1.653 ug/L	99
54) o-xylene	9.76	106	6116	0.933 ug/L	93

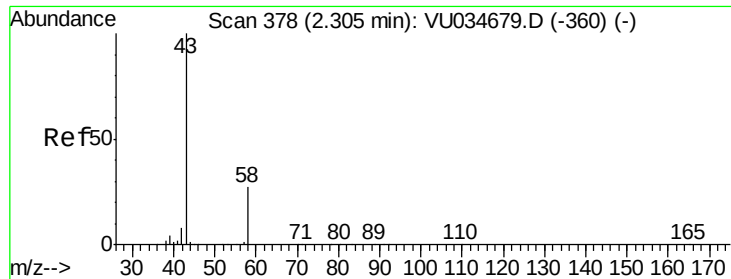
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.501 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034686.D

Acq: 20 Sep 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

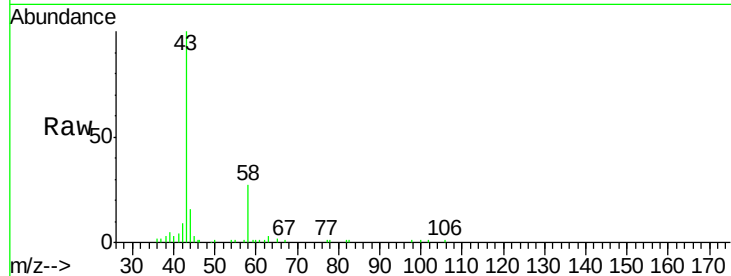
C0AW1

Tot Ion: 43 Resp: 36908

Ion Ratio Lower Upper

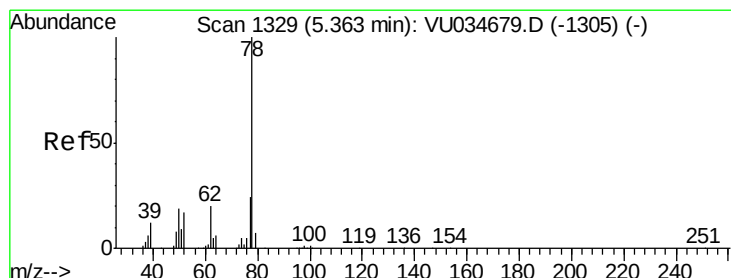
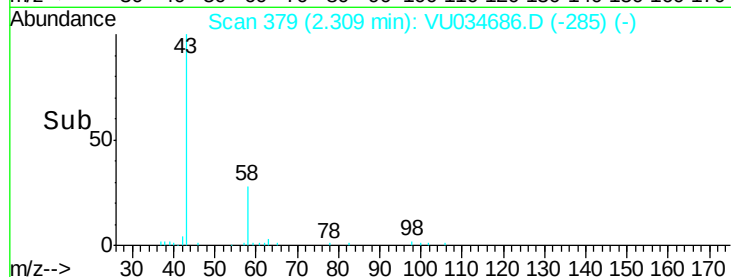
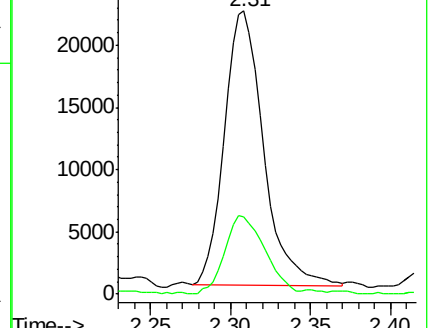
43 100

58 29.2 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034679.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU034679.D (-360) (-)



#33

Benzene

Concen: 1.938 ug/L

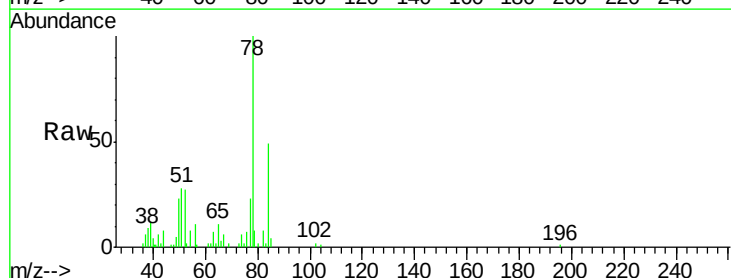
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

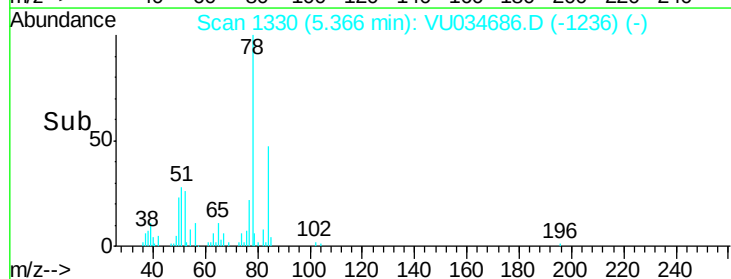
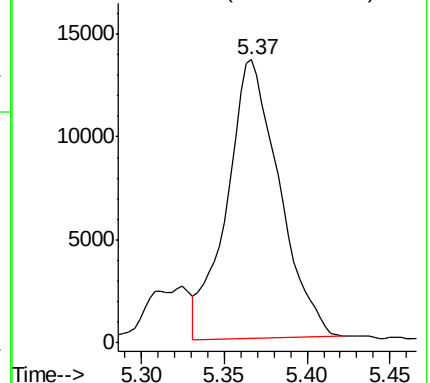
Lab File: VU034686.D

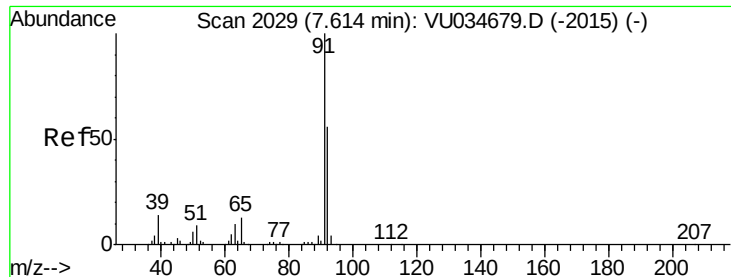
Acq: 20 Sep 2019 14:11

Tgt Ion: 78 Resp: 29786



Abundance Ion 78.00 (77.70 to 78.70): VU034679.D (-1305) (-)





#42

Toluene

Concen: 4.297 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034686.D

Acq: 20 Sep 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

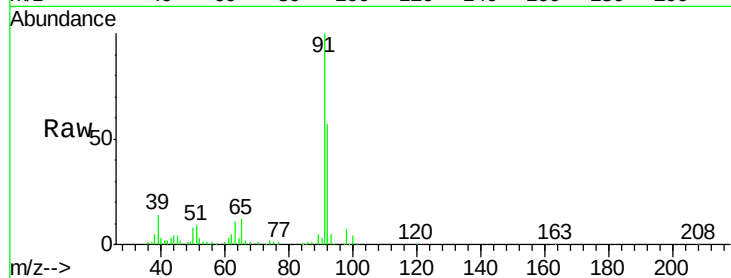
C0AW1

Tot Ion: 91 Resp: 71367

Ion Ratio Lower Upper

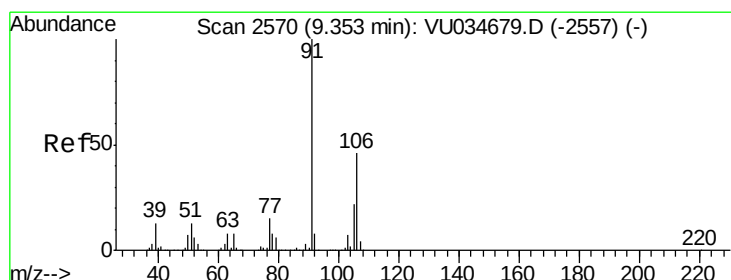
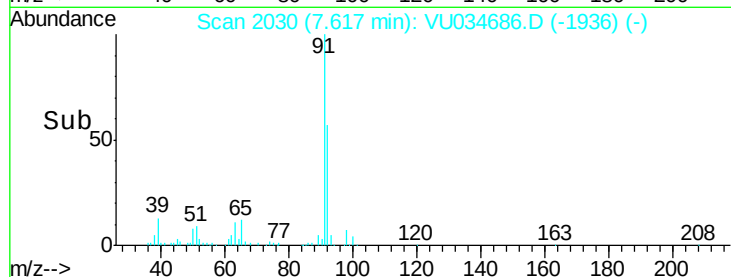
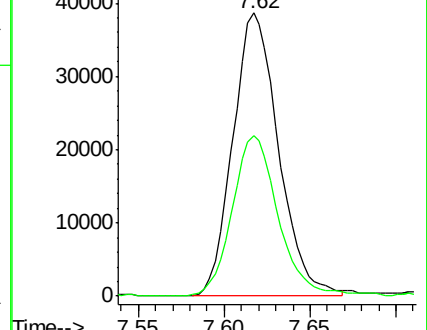
91 100

92 56.5 38.2 71.0



Abundance Ion 91.00 (90.70 to 91.70): VU034679.D (-2015) (-)

Ion 92.00 (91.70 to 92.70): VU034679.D (-2015) (-)



#53

m,p-Xylene

Concen: 1.653 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034686.D

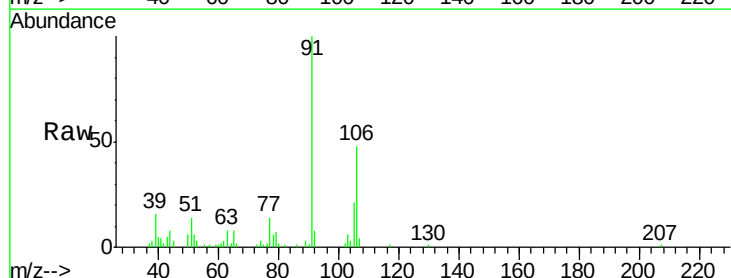
Acq: 20 Sep 2019 14:11

Tgt Ion: 106 Resp: 10948

Ion Ratio Lower Upper

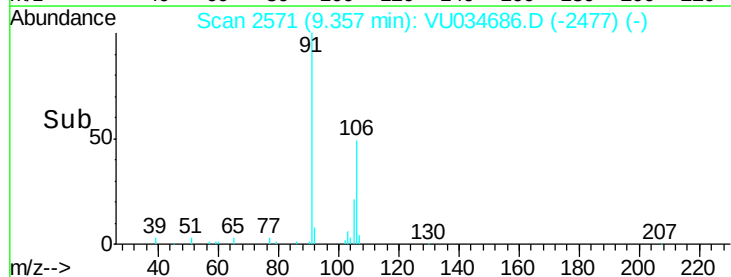
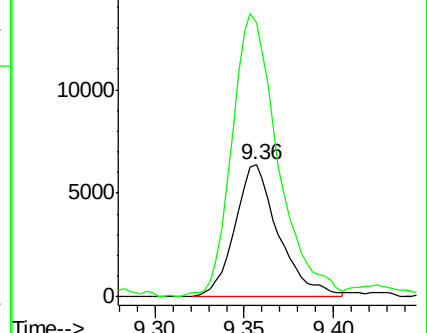
106 100

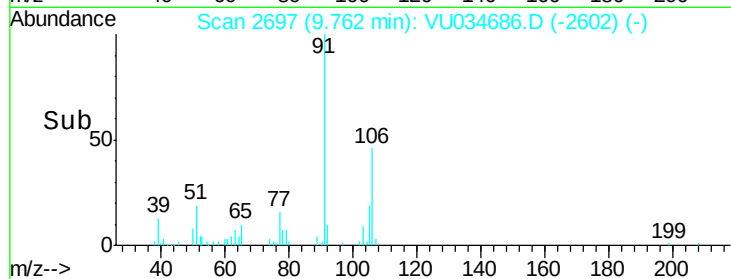
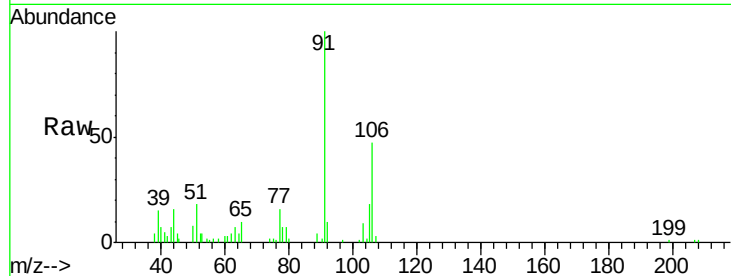
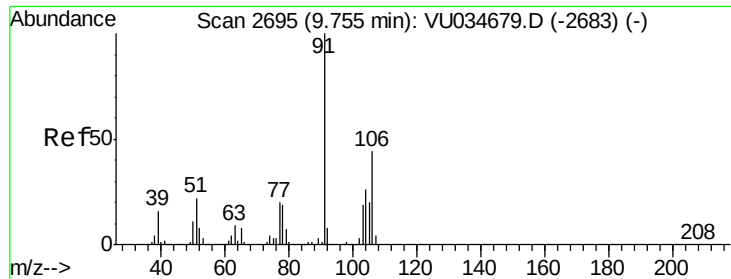
91 207.5 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): VU034679.D (-2557) (-)

Ion 91.00 (90.70 to 91.70): VU034679.D (-2557) (-)





#54
o-xylene
Concen: 0.933 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034686.D
Acq: 20 Sep 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
C0AW1

Tot Ion:106 Resp: 6116
Ion Ratio Lower Upper
106 100
91 210.8 155.6 289.0

