

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029448.D
 Acq On : 14 Feb 2019 11:26
 Operator : JC/SP
 Sample : K1438-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB4

Quant Time: Feb 15 00:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 00:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61100	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	54666	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	99325	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.19	46	135352	48.62	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.65	84	107872	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	54553	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.34	84	226358	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.33	67	66856	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	218892	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	28462	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.31	63	137254	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54816	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	96260	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

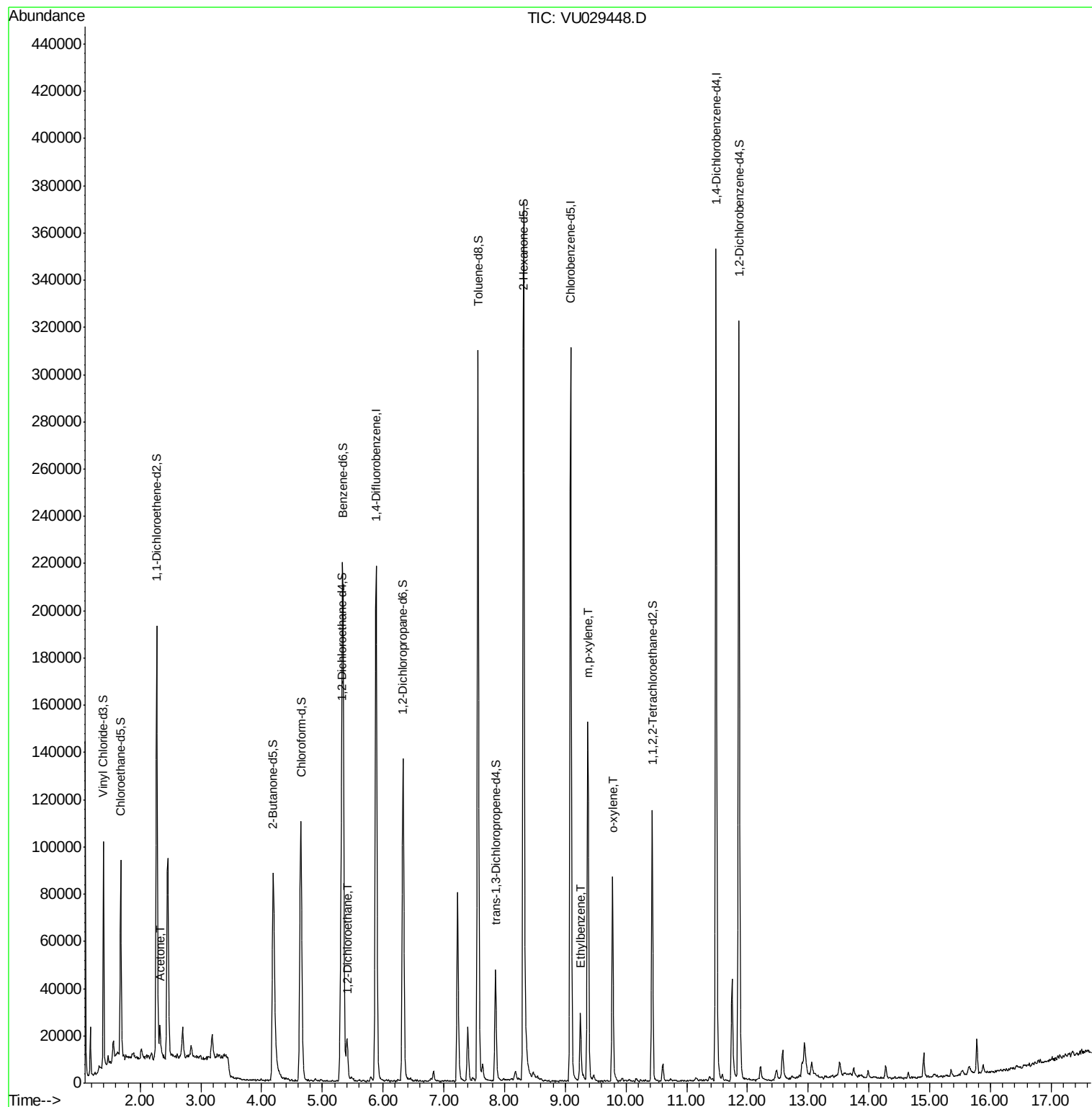
					Qvalue
13) Acetone	2.32	43	12268	4.850 ug/L	92
27) 1,2-Dichloroethane	5.41	62	13757	0.902 ug/L	95
52) Ethylbenzene	9.25	91	21845	0.312 ug/L	97
53) m,p-xylene	9.37	106	47648	1.704 ug/L	99
54) o-xylene	9.78	106	24922	0.908 ug/L	97

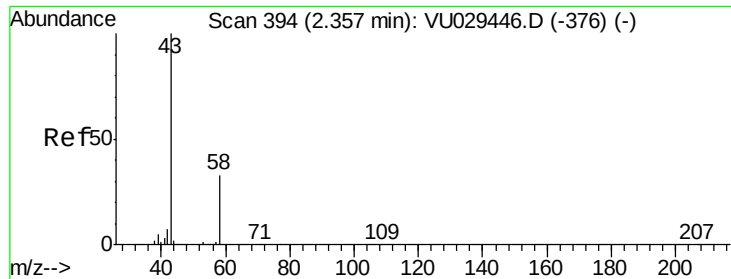
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.850 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.03 min

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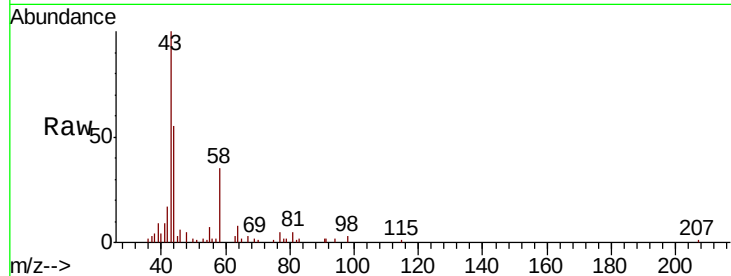
ESXB4

Tgt Ion: 43 Resp: 12268

Ion Ratio Lower Upper

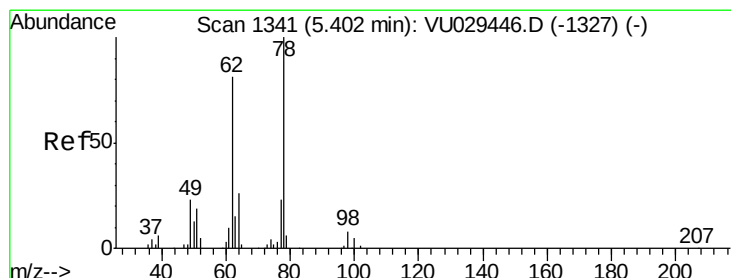
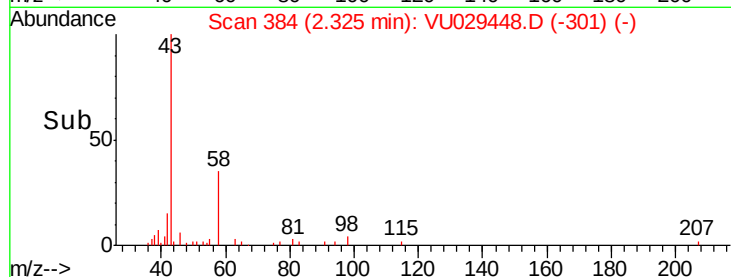
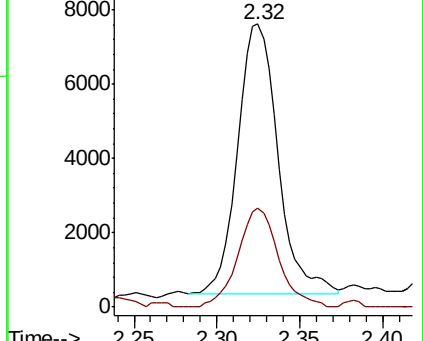
43 100

58 37.0 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#27

1,2-Dichloroethane

Concen: 0.902 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU029448.D

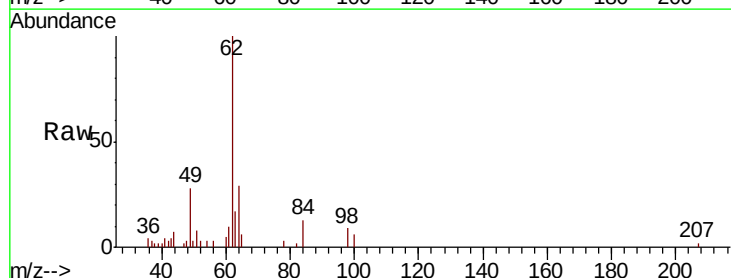
Acq: 14 Feb 2019 11:26

Tgt Ion: 62 Resp: 13757

Ion Ratio Lower Upper

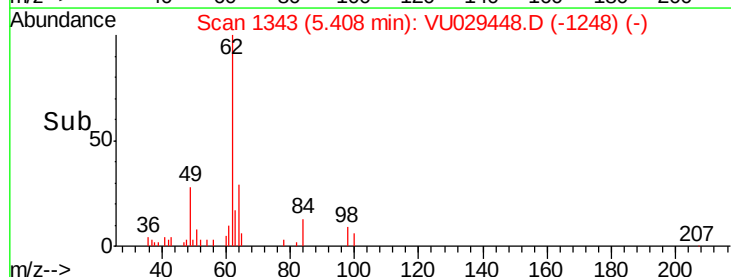
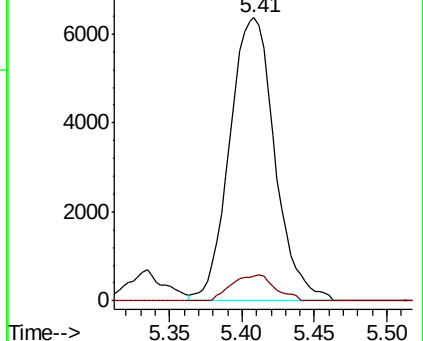
62 100

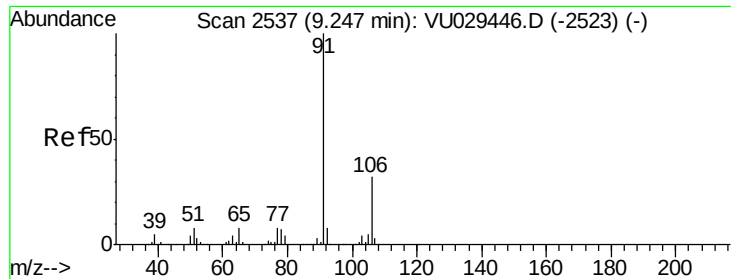
98 8.7 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#52

Ethylbenzene

Concen: 0.312 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU029448.D

Acq: 14 Feb 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

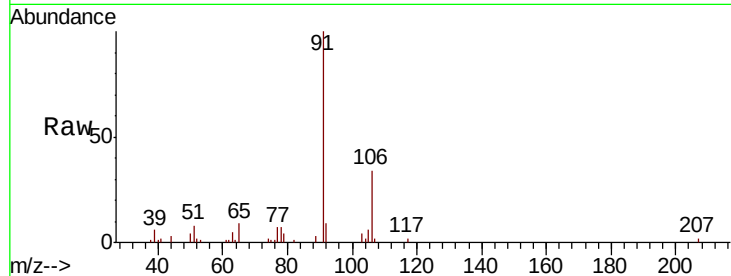
ESXB4

Tgt Ion: 91 Resp: 21845

Ion Ratio Lower Upper

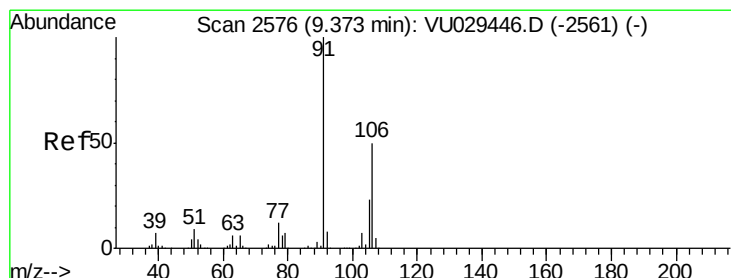
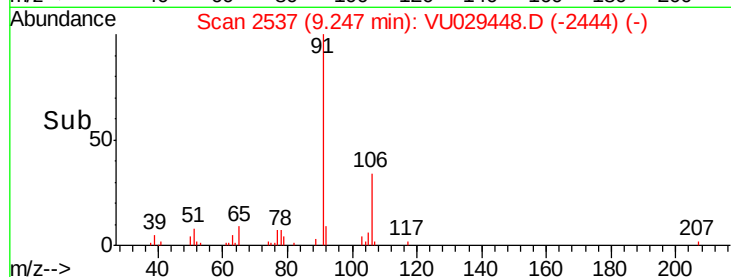
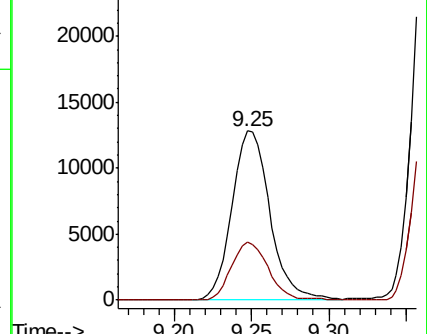
91 100

106 34.4 22.8 42.4



Abundance Ion 91.15 (90.85 to 91.85): VU029448.D (-2444) (-)

Ion 106.15 (105.85 to 106.85): VU029448.D (-2444) (-)



#53

m,p-xylene

Concen: 1.704 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029448.D

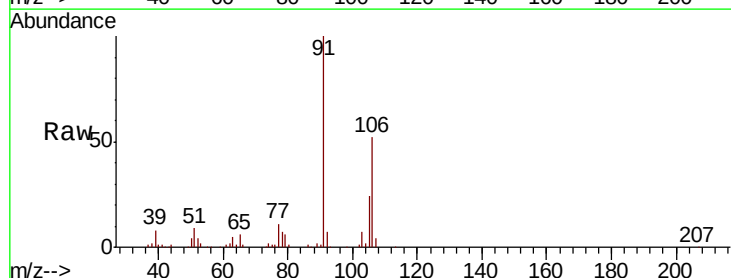
Acq: 14 Feb 2019 11:26

Tgt Ion: 106 Resp: 47648

Ion Ratio Lower Upper

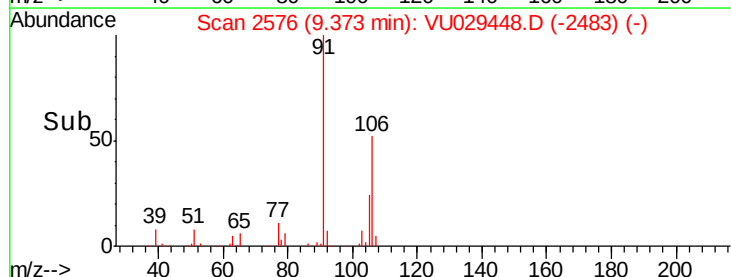
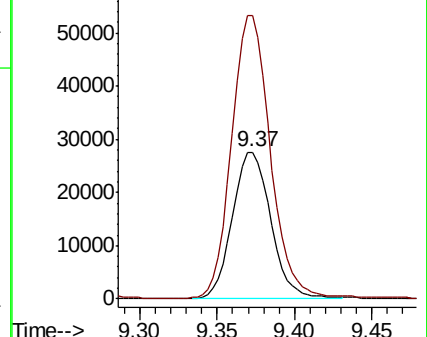
106 100

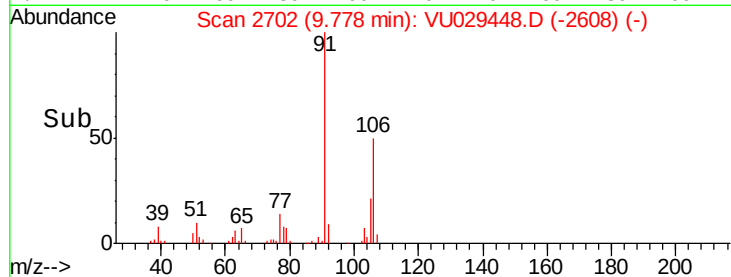
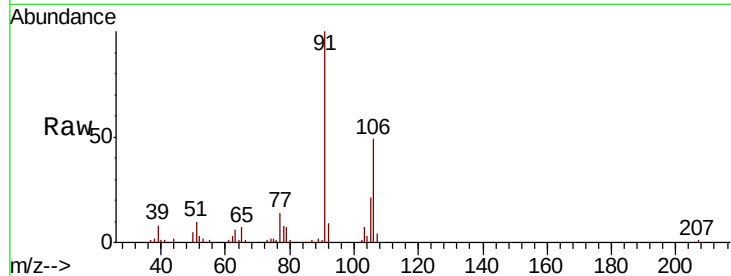
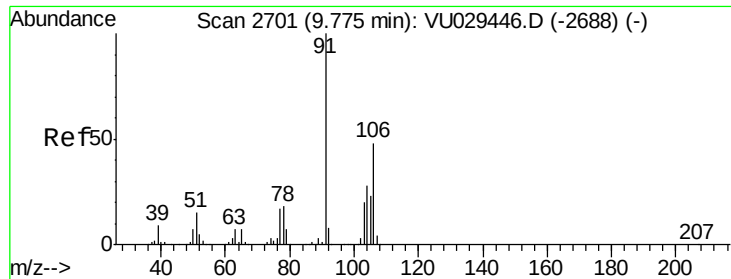
91 192.4 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029448.D (-2483) (-)

Ion 91.15 (90.85 to 91.85): VU029448.D (-2483) (-)





#54
o-xylene
Concen: 0.908 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029448.D
Acq: 14 Feb 2019 11:26

Instrument :
MSVOA_U
ClientSampleId :
ESXB4

Tgt Ion:106 Resp: 24922
Ion Ratio Lower Upper
106 100
91 202.2 145.1 269.5

