

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029575.D
 Acq On : 20 Feb 2019 13:03
 Operator : JC/SP
 Sample : K1488-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF3

Quant Time: Feb 21 04:42:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50494	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	49838	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.27	63	84462	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.19	46	160762	56.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.65	84	98032	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	59366	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.34	84	214716	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.33	67	69100	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.56	98	203789	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	25642	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.31	63	160724	56.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62374	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	96924	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

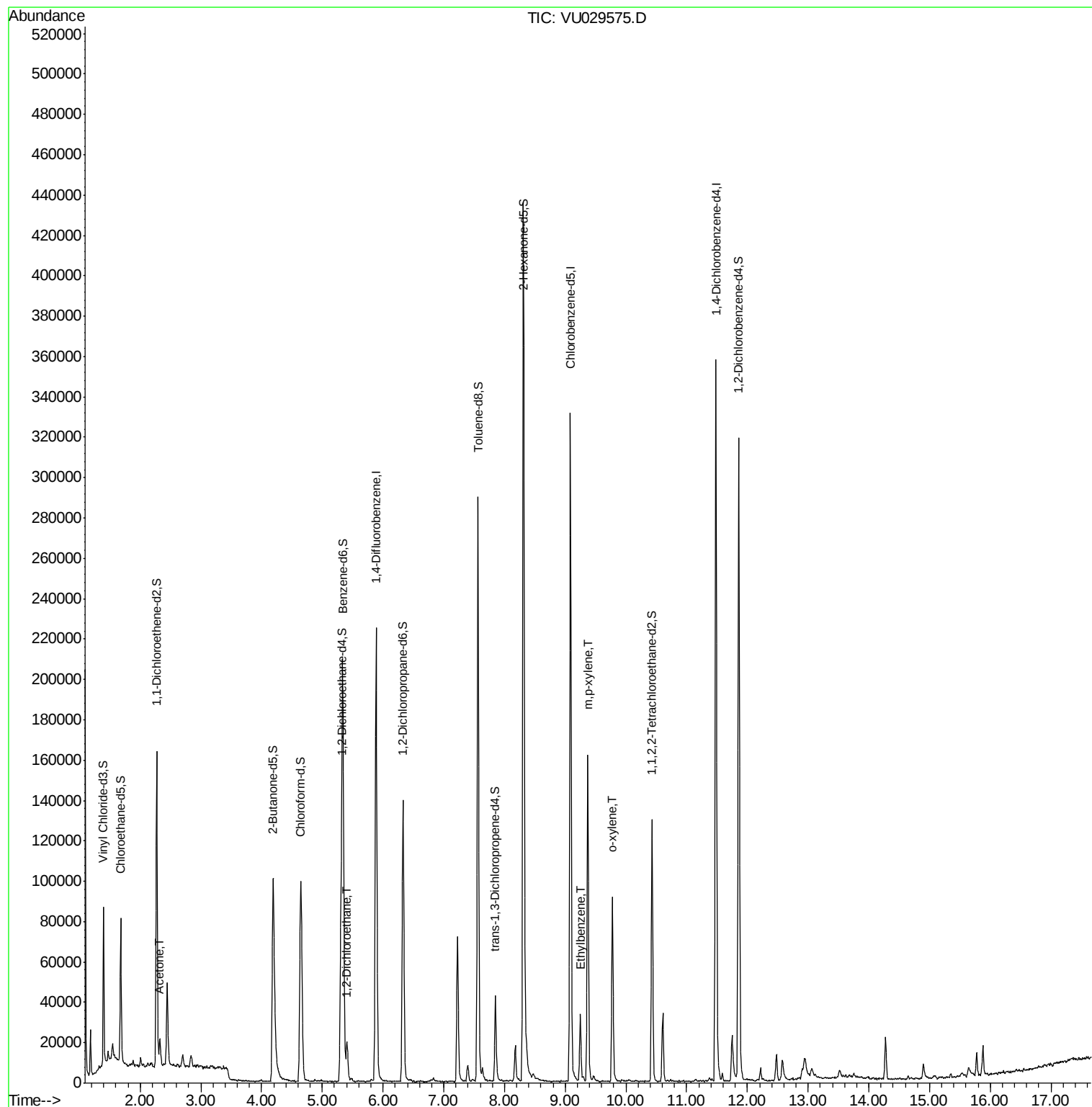
					Ovalue
13) Acetone	2.32	43	12975	5.005 ug/L	99
27) 1,2-Dichloroethane	5.41	62	15484	0.990 ug/L #	93
52) Ethylbenzene	9.25	91	23578	0.322 ug/L	97
53) m,p-xylene	9.37	106	50616	1.736 ug/L	98
54) o-xylene	9.78	106	25769	0.900 ug/L	99

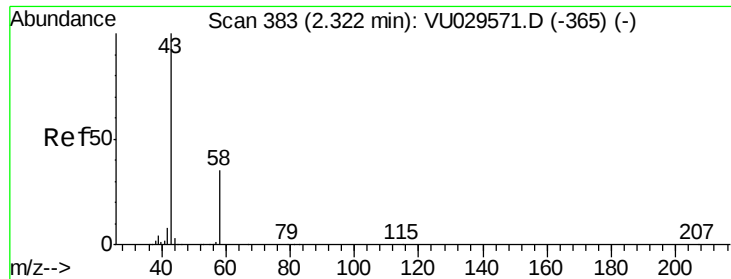
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.005 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 20 Feb 2019 13:03

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MSVOA_U

ClientSampleId :

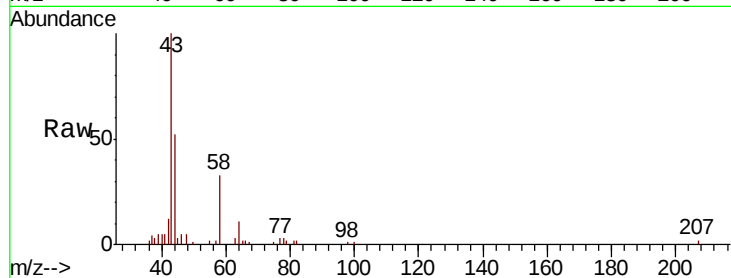
ESXF3

Tot Ion: 43 Resp: 12975

Ion Ratio Lower Upper

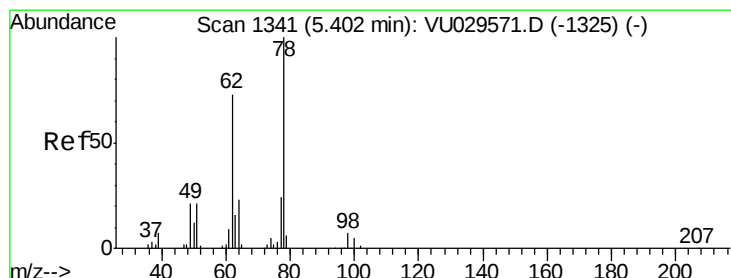
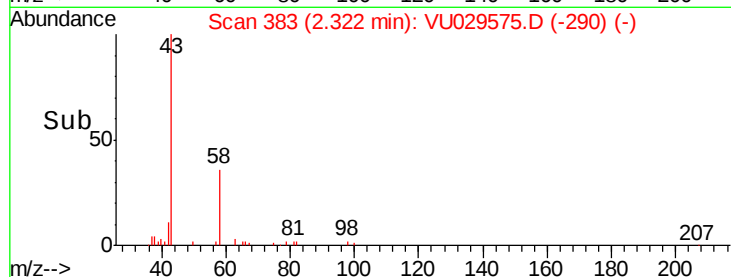
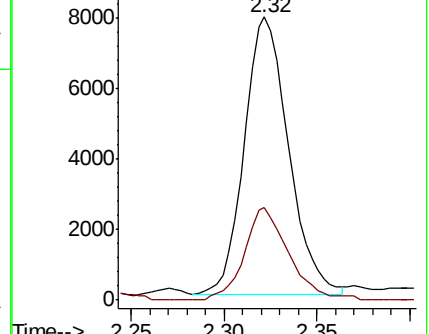
43 100

58 33.0 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: 0.990 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU029575.D

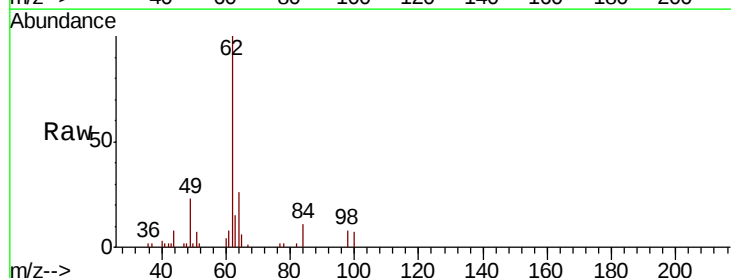
Acq: 20 Feb 2019 13:03

Tgt Ion: 62 Resp: 15484

Ion Ratio Lower Upper

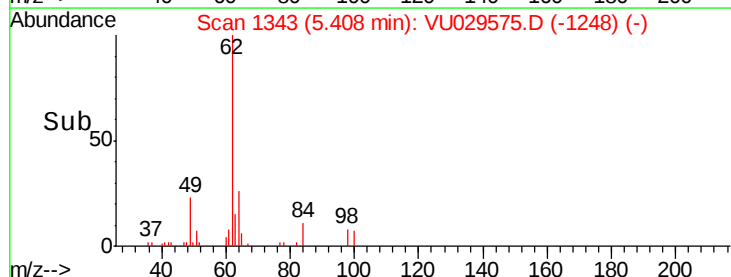
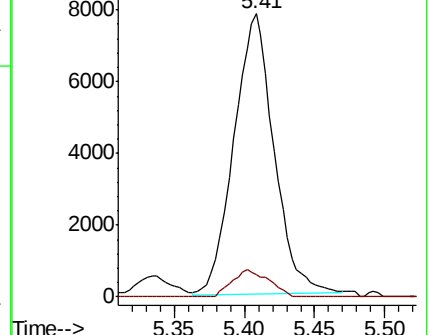
62 100

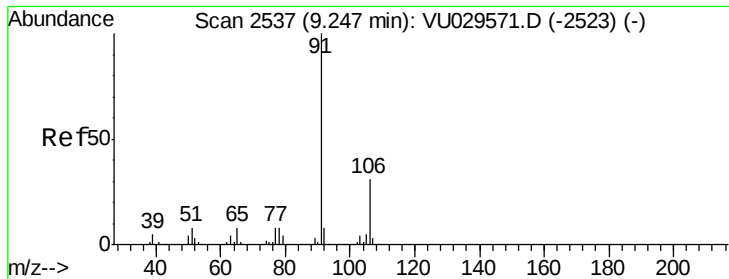
98 7.9 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#52

Ethylbenzene

Concen: 0.322 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

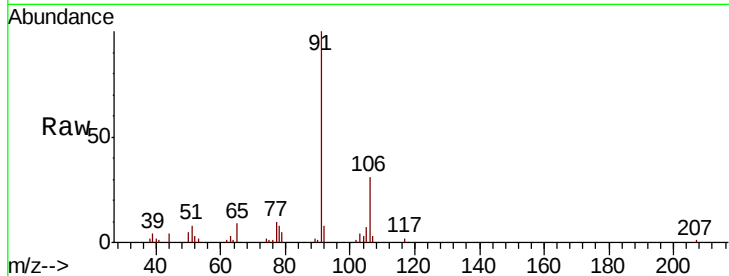
ESXF3

Tot Ion: 91 Resp: 23578

Ion Ratio Lower Upper

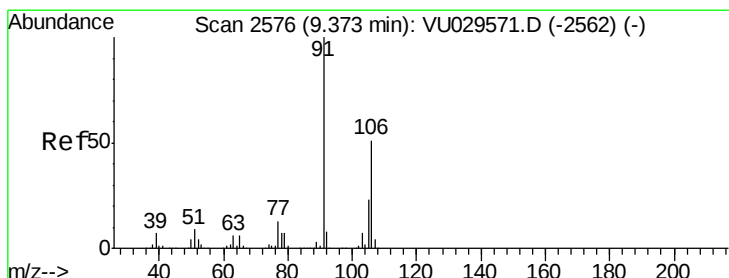
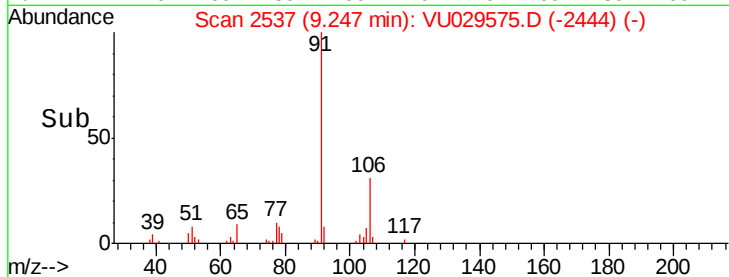
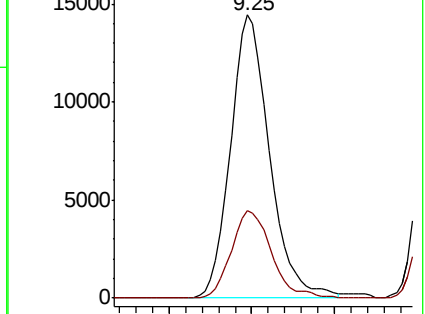
91 100

106 30.8 22.8 42.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 1.736 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029575.D

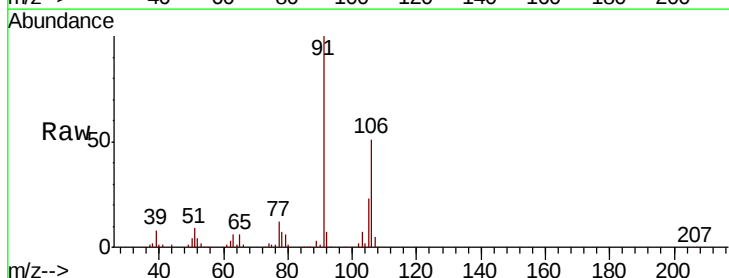
Acq: 20 Feb 2019 13:03

Tgt Ion: 106 Resp: 50616

Ion Ratio Lower Upper

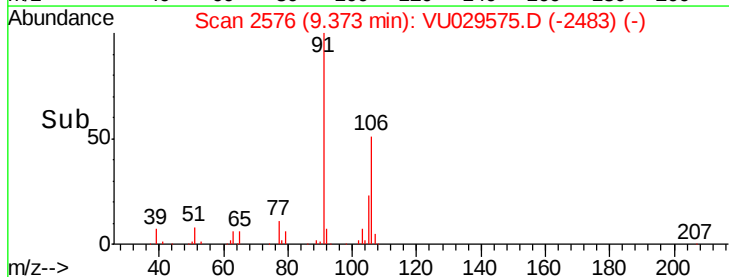
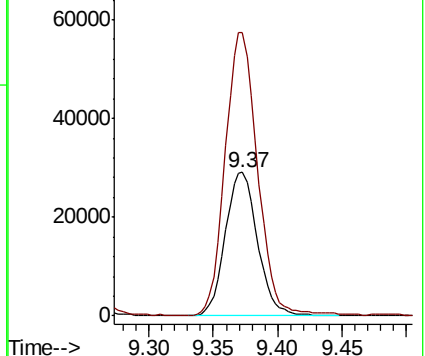
106 100

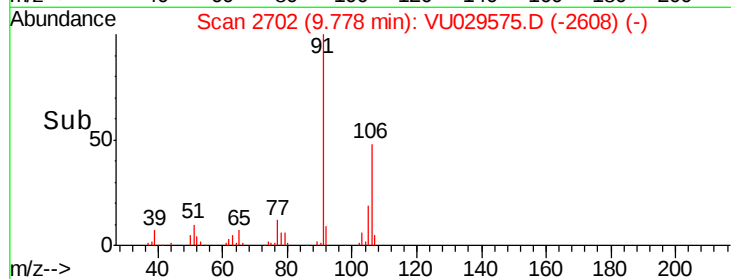
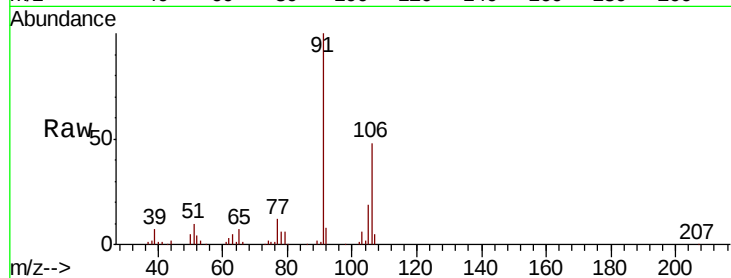
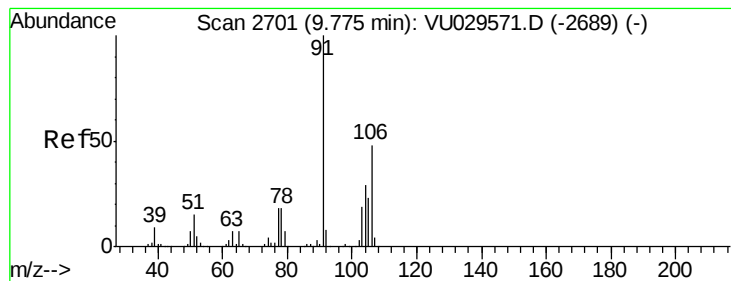
91 197.3 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#54
o-xylene
Concen: 0.900 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029575.D
Acq: 20 Feb 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
ESXF3

Tot Ion:106 Resp: 25769
Ion Ratio Lower Upper
106 100
91 209.1 145.1 269.5

