

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036598.D
 Acq On : 29 Jan 2020 17:22
 Operator : JC/MD
 Sample : L1271-01DL 10X
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ4DL

Quant Time: Jan 30 04:33:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 02:48:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	323783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99342	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.92	69	87403	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	129433	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	4.67	46	148636	103.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	5.11	84	167514	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.74	65	109051	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
32) Benzene-d6	5.77	84	383743	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.73	67	121678	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.32%
41) Toluene-d8	7.93	98	370993	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.21	79	58093	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.67	63	138583	110.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	181638	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	152919	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%

Target Compounds

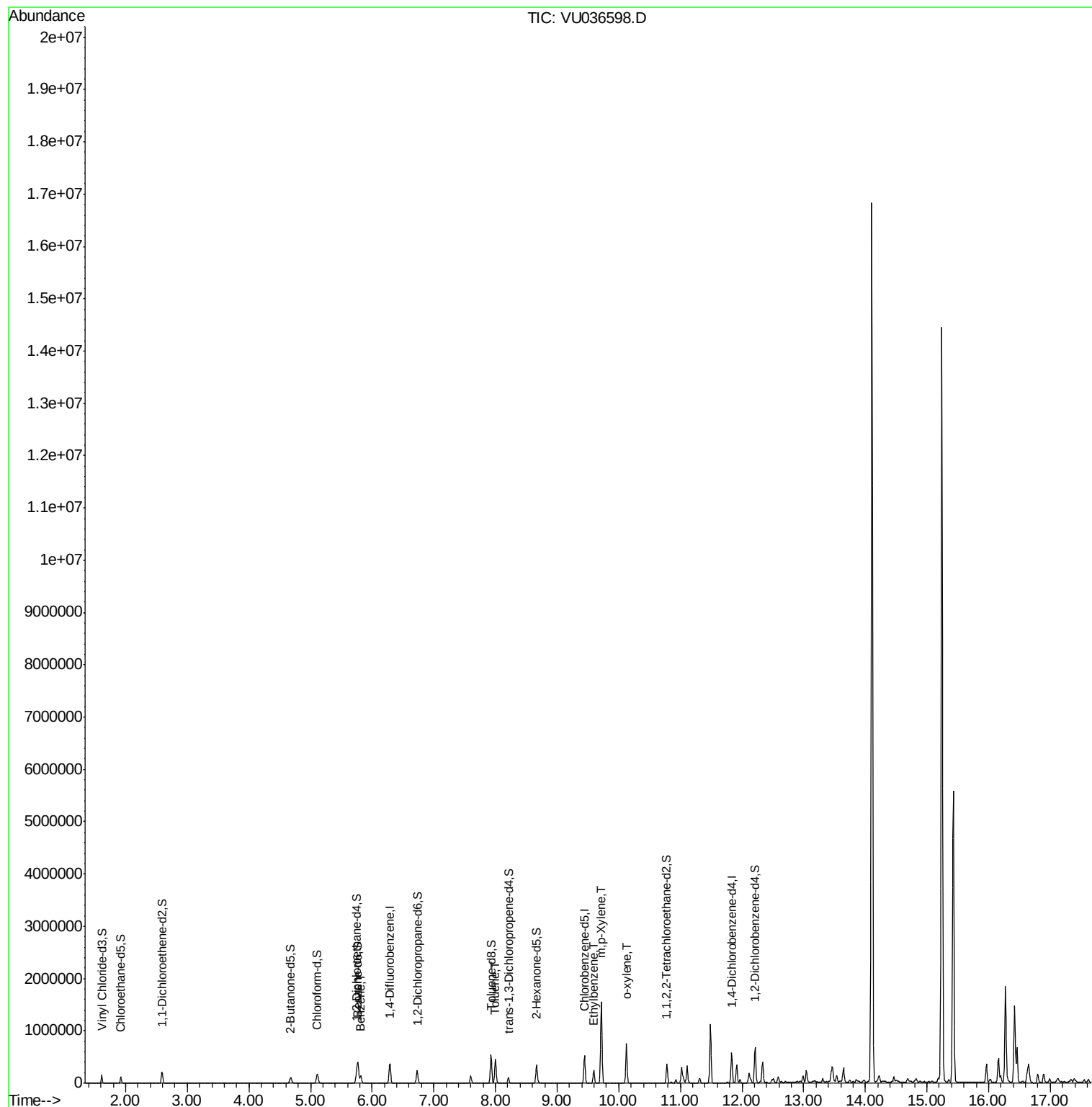
					Ovalue
33) Benzene	5.82	78	131973	14.362	ug/L 100
42) Toluene	8.00	91	339518	33.991	ug/L 98
52) Ethylbenzene	9.60	91	177155	16.191	ug/L 100
53) m,p-Xylene	9.72	106	462651	108.409	ug/L 99
54) o-xylene	10.12	106	206983	48.623	ug/L 98

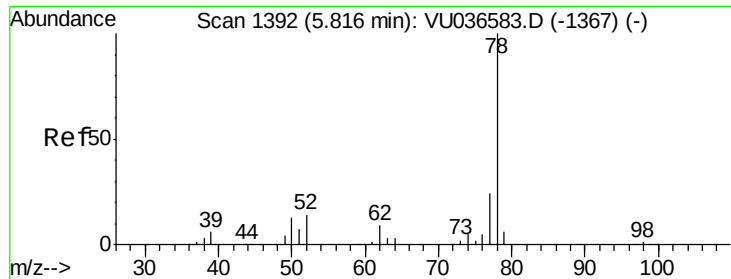
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration





#33

Benzene

Concen: 14.362 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU036598.D

Acq: 29 Jan 2020 17:22

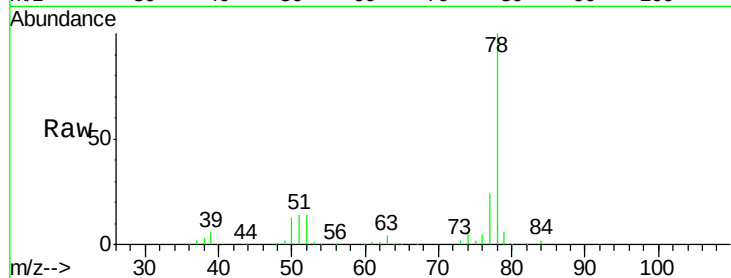
Instrument :

MSVOA_U

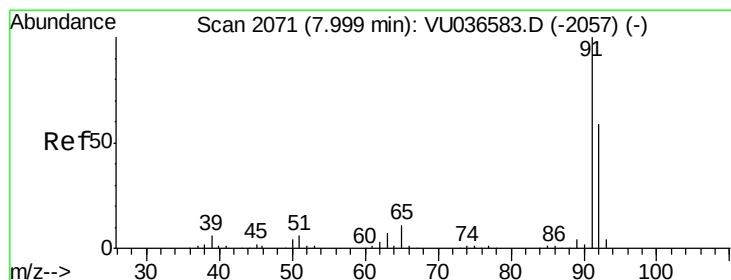
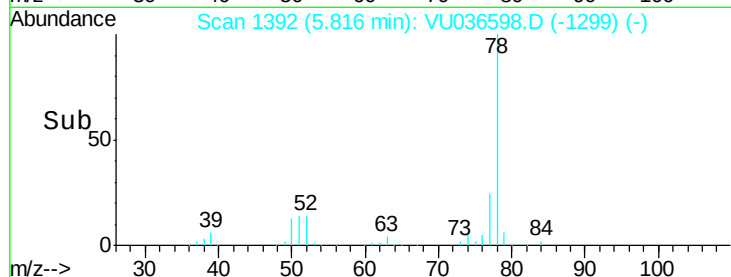
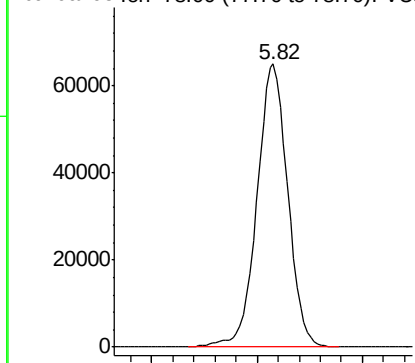
ClientSampleId :

GASZ4DL

Tgt Ion: 78 Resp: 131973



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 33.991 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036598.D

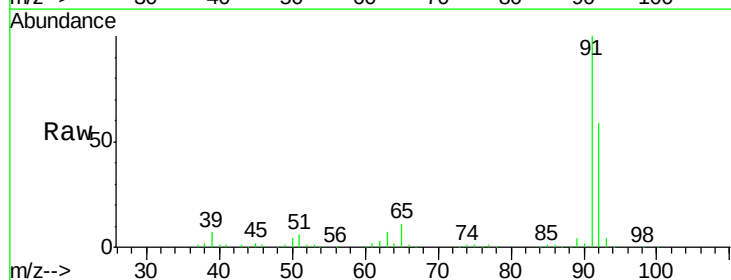
Acq: 29 Jan 2020 17:22

Tgt Ion: 91 Resp: 339518

Ion Ratio Lower Upper

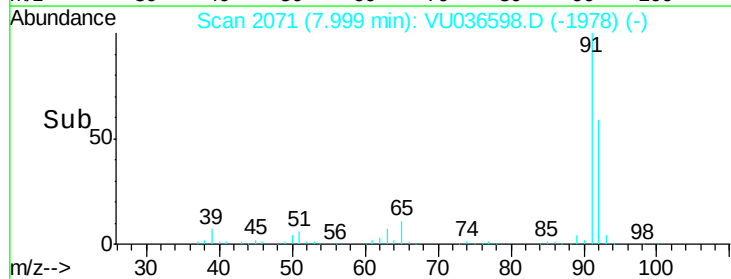
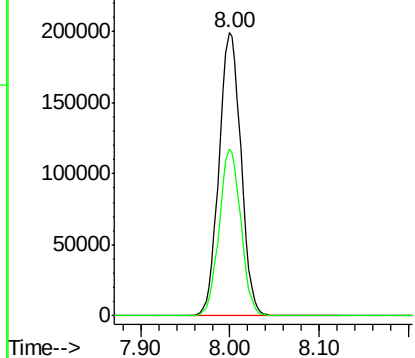
91 100

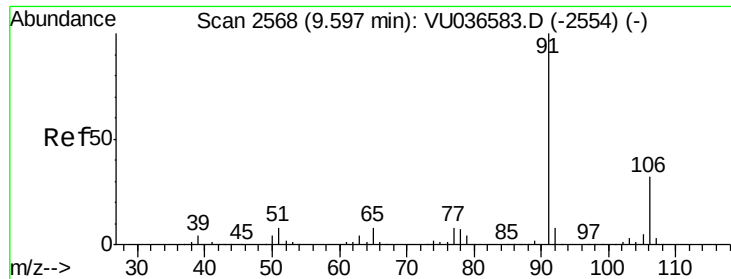
92 58.8 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 16.191 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. -0.00 min

Lab File: VU036598.D

Acq: 29 Jan 2020 17:22

Instrument :

MSVOA_U

ClientSampleId :

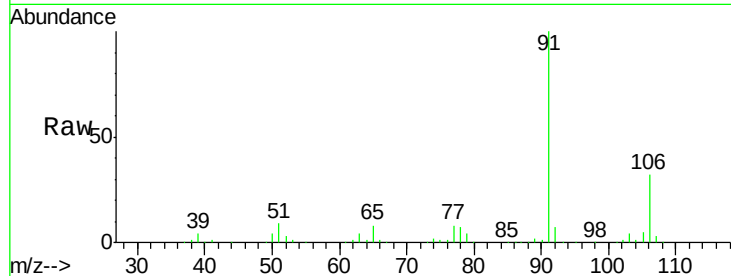
GASZ4DL

Tot Ion: 91 Resp: 177155

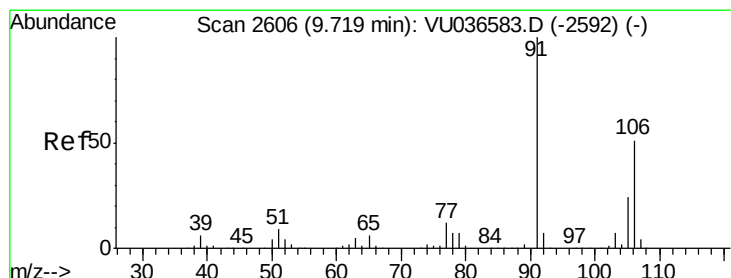
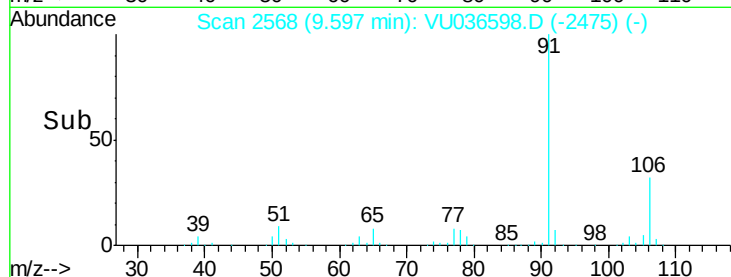
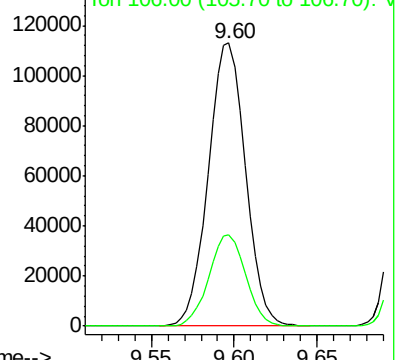
Ion Ratio Lower Upper

91 100

106 32.4 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036598.D (-2554) (-)



#53

m,p-Xylene

Concen: 108.409 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VU036598.D

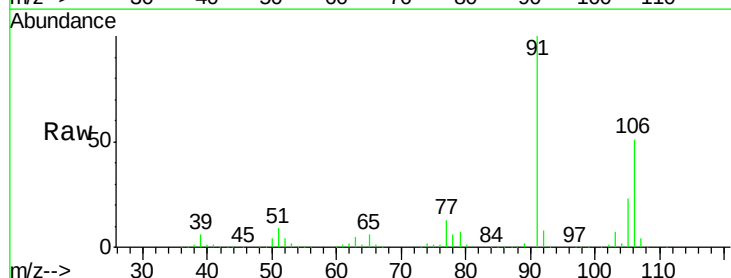
Acq: 29 Jan 2020 17:22

Tgt Ion: 106 Resp: 462651

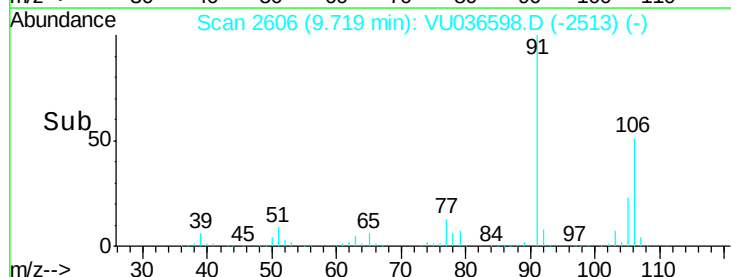
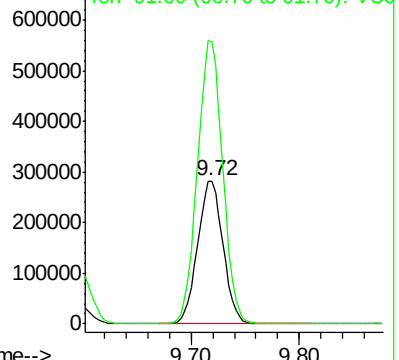
Ion Ratio Lower Upper

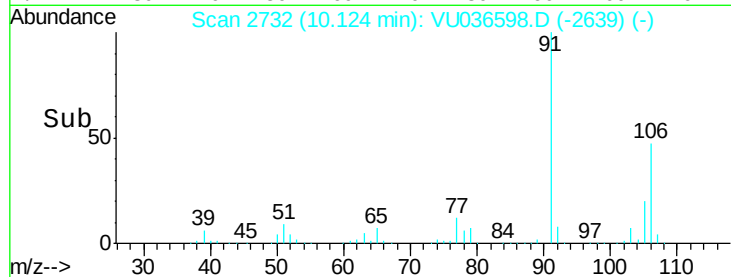
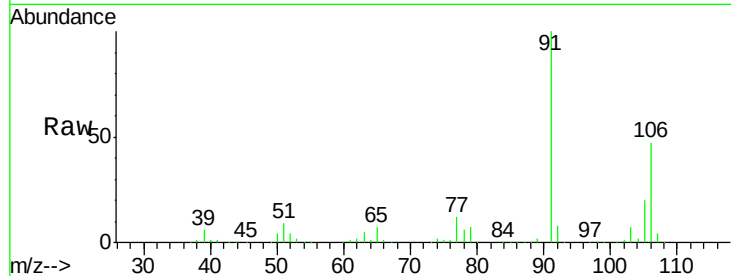
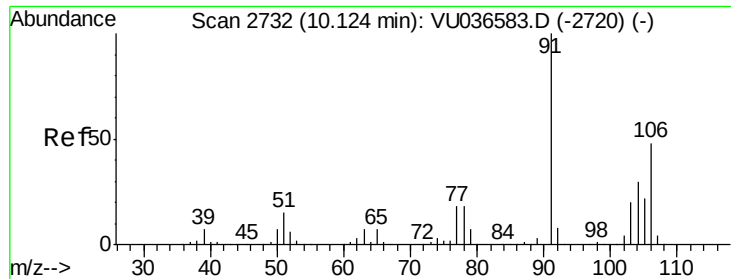
106 100

91 197.1 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036598.D (-2592) (-)





#54

o-xylene

Concen: 48.623 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU036598.D

Acq: 29 Jan 2020 17:22

Instrument :

MSVOA_U

ClientSampleId :

GASZ4DL

Tot Ion:106 Resp: 206983

Ion Ratio Lower Upper

106 100

91 210.9 145.9 271.1

Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

