

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035311.D
 Acq On : 19 Oct 2019 12:17
 Operator : JC/SP
 Sample : K5344-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L2

Quant Time: Oct 21 06:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 05:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	666088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	636038	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	231199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	278889	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.93	69	235774	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.06%
11) 1,1-Dichloroethene-d2	2.60	63	357123	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.54%
21) 2-Butanone-d5	4.70	46	372812	98.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.11	84	434117	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.75	65	297372	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
32) Benzene-d6	5.77	84	920285	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.74	67	297437	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.93	98	855557	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	8.21	79	144307	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.68	63	255750	98.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	401699	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	12.22	152	257940	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

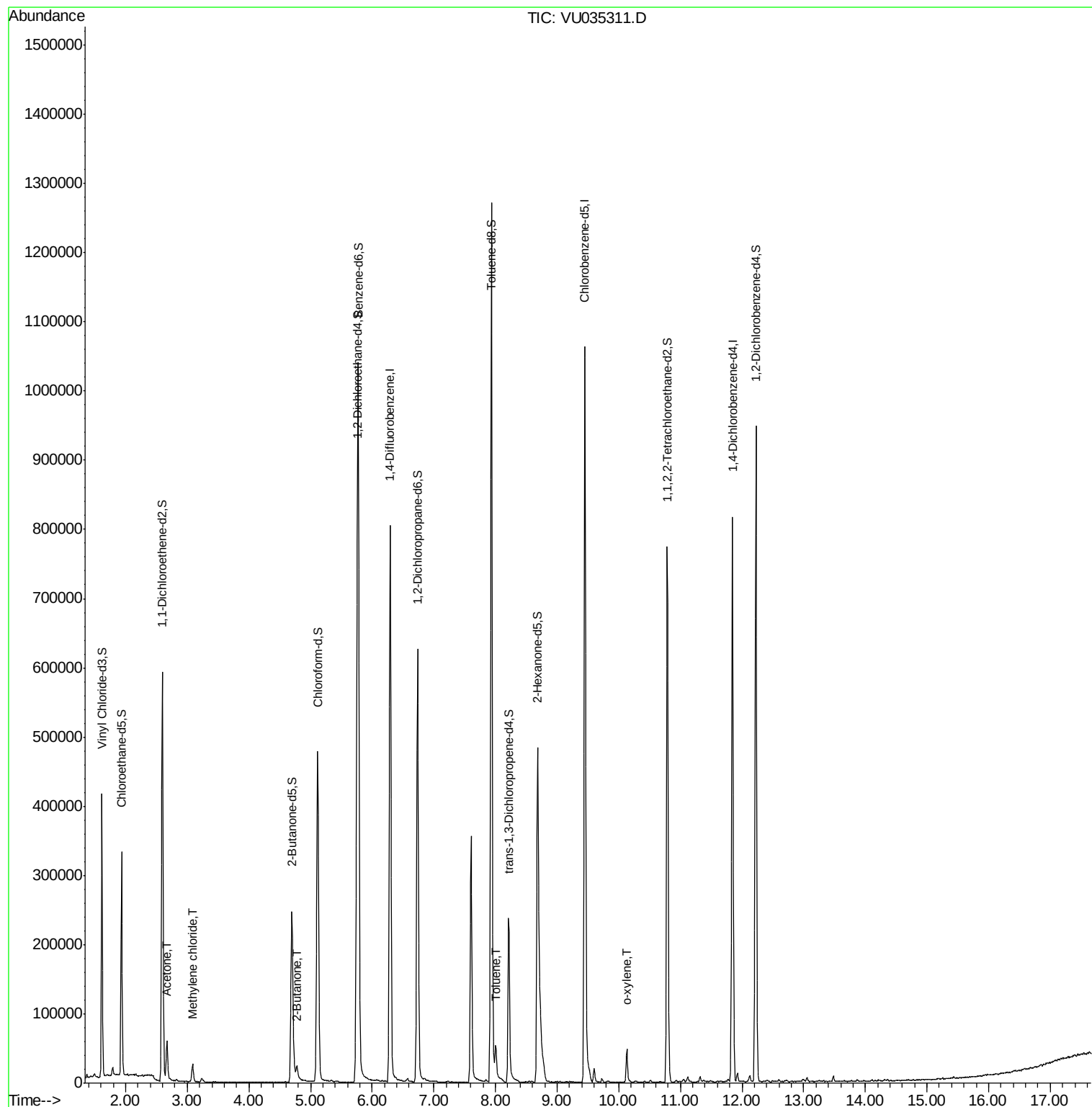
					Qvalue
13) Acetone	2.67	43	62977	18.597 ug/L	97
16) Methylene chloride	3.08	84	12820	2.647 ug/L	92
22) 2-Butanone	4.78	43	21764	5.312 ug/L	93
42) Toluene	8.01	91	29767	1.512 ug/L	96
54) o-xylene	10.13	106	12718	1.585 ug/L	91

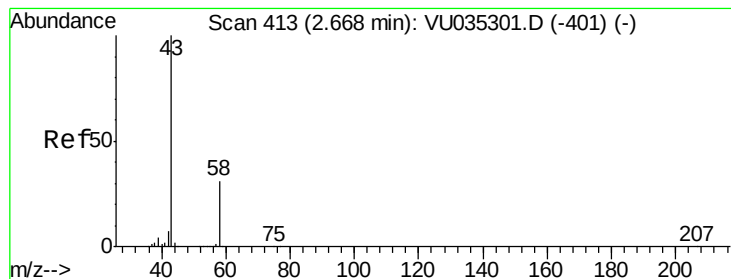
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.597 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

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ClientSampleId :

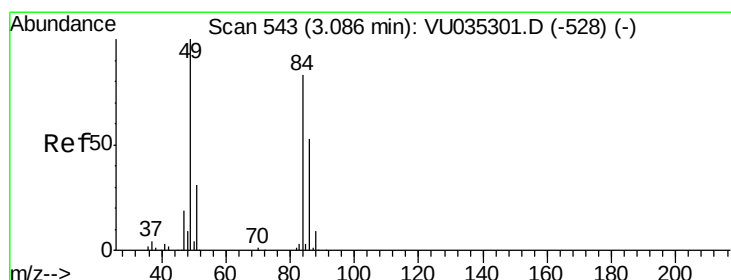
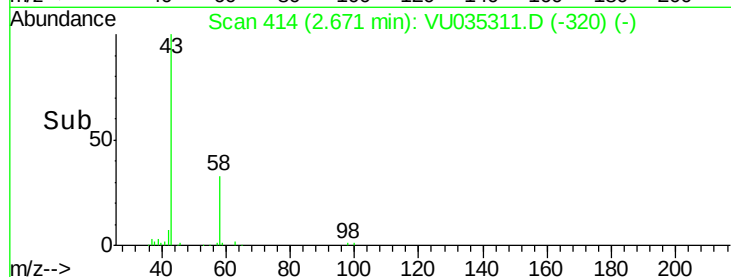
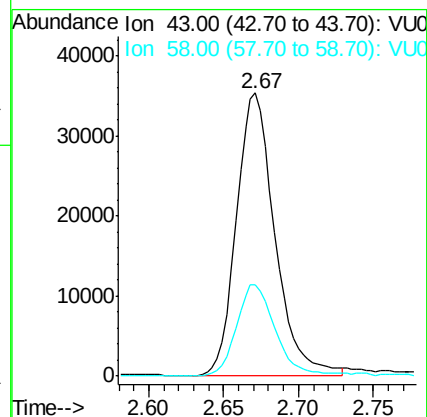
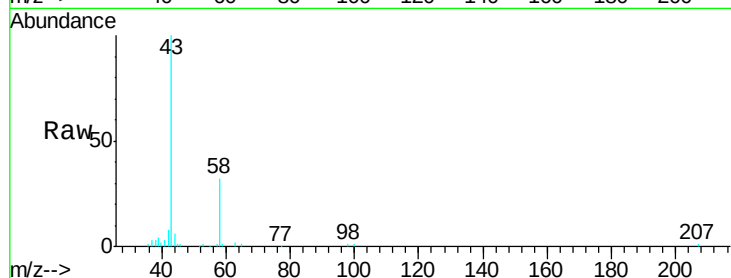
BF6L2

Tgt Ion: 43 Resp: 62977

Ion Ratio Lower Upper

43 100

58 33.0 0.0 62.8



#16

Methylene chloride

Concen: 2.647 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

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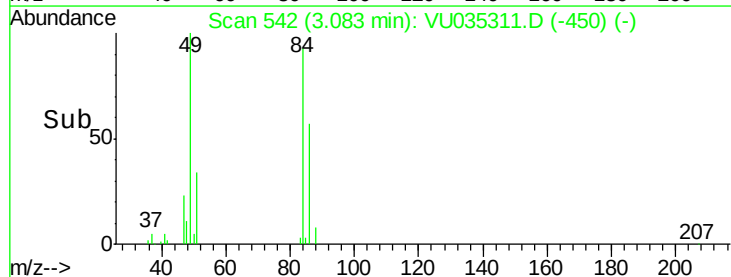
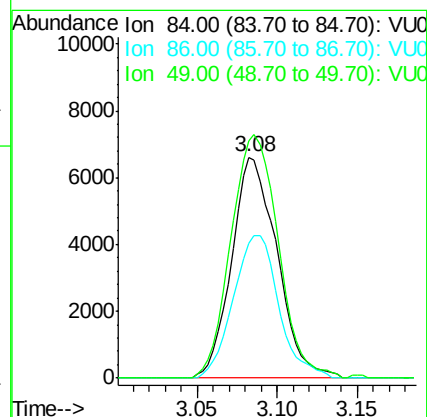
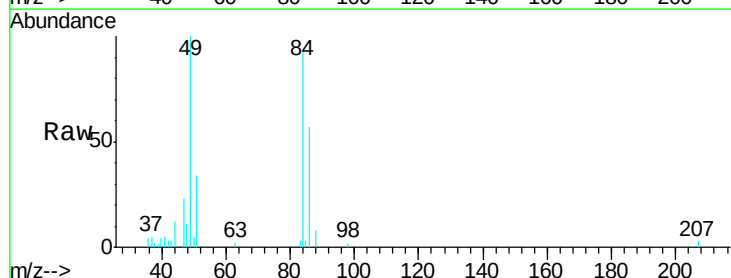
Tgt Ion: 84 Resp: 12820

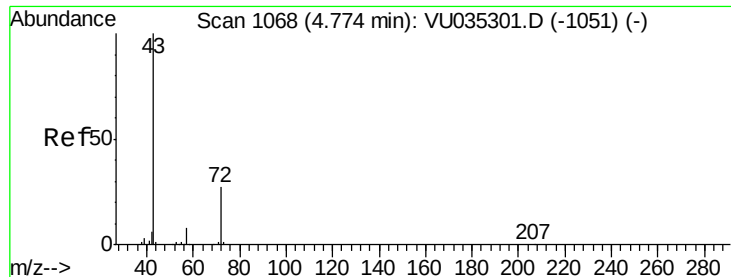
Ion Ratio Lower Upper

84 100

86 61.1 44.4 82.5

49 107.7 84.0 156.0





#22

2-Butanone

Concen: 5.312 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VU035311.D

Acq: 19 Oct 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

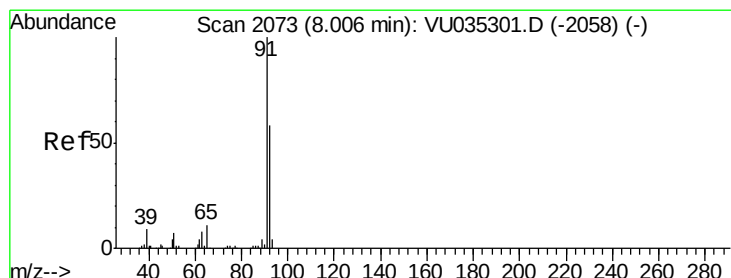
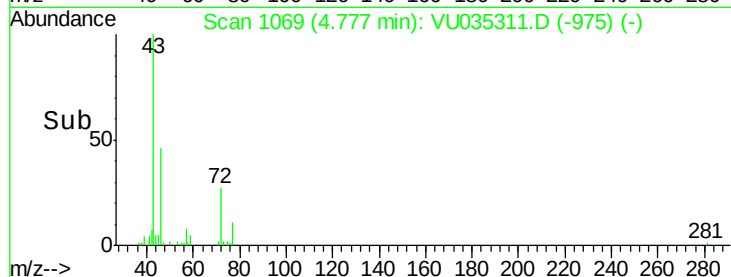
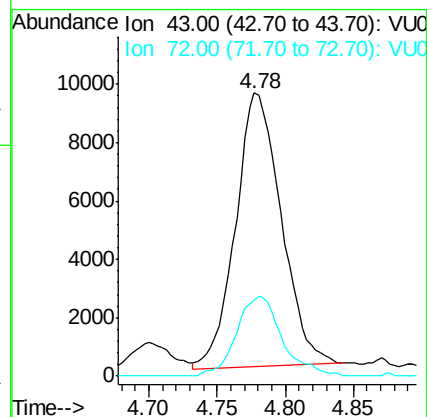
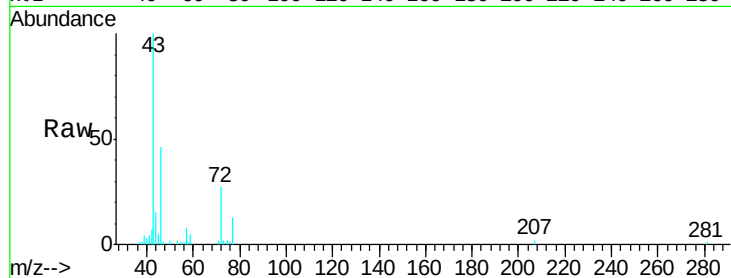
BF6L2

Tgt Ion: 43 Resp: 21764

Ion Ratio Lower Upper

43 100

72 29.2 12.9 38.6



#42

Toluene

Concen: 1.512 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035311.D

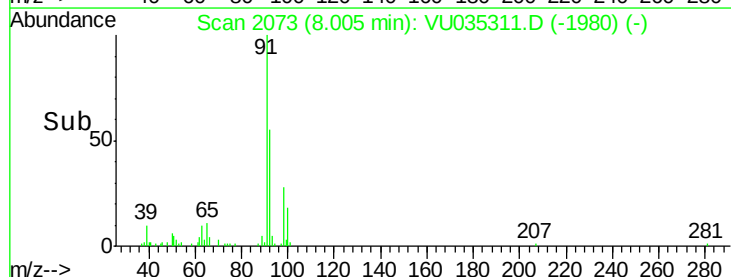
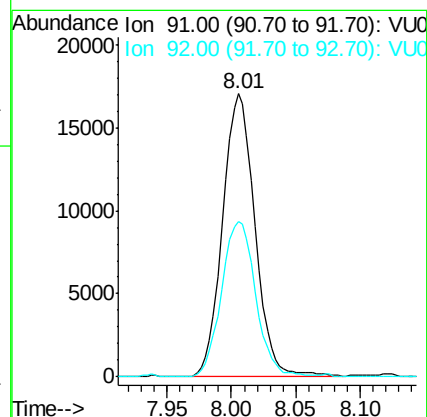
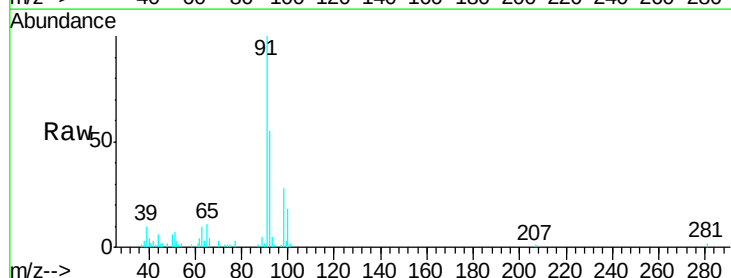
Acq: 19 Oct 2019 12:17

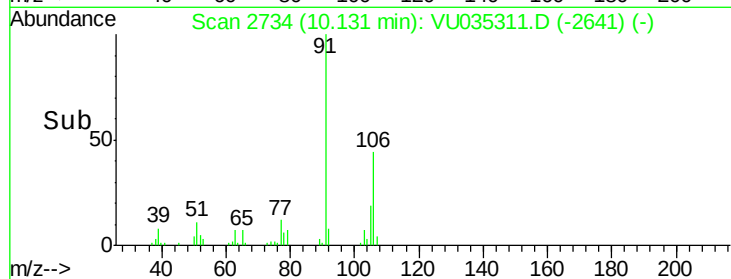
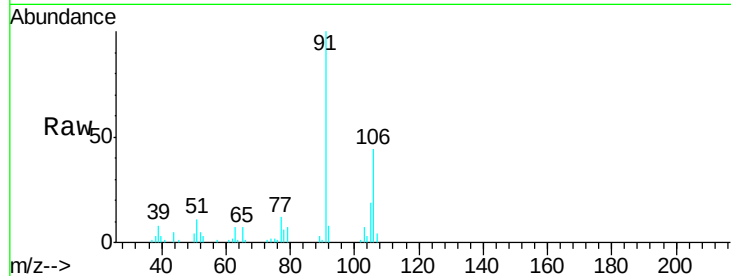
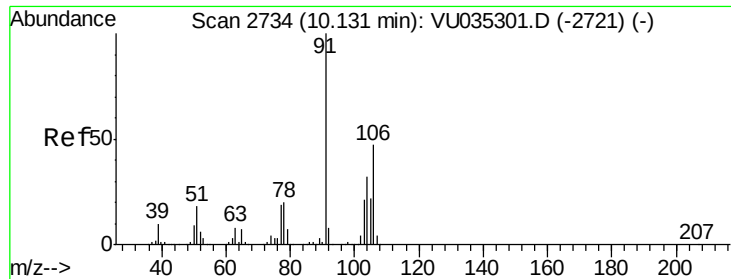
Tgt Ion: 91 Resp: 29767

Ion Ratio Lower Upper

91 100

92 55.0 40.3 74.9





#54

o-xylene

Concen: 1.585 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035311.D

Acq: 19 Oct 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

BF6L2

Tgt Ion:106 Resp: 12718

Ion Ratio Lower Upper

106 100

91 228.9 150.6 279.8

