

Data File : VU033681.D
Acq On : 09 Aug 2019 08:45
Operator : JC/SP
Sample : K4215-08ME 20X
Misc : 4.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

Quant Time: Aug 09 16:28:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 14:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	343103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	343280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	181767	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142833	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.67	69	122965	37.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.02%
11) 1,1-Dichloroethene-d2	2.26	63	190780	30.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	4.15	46	232372	81.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	4.62	84	225249	35.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.20%
26) 1,2-Dichloroethane-d4	5.29	65	155502	37.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.14%
32) Benzene-d6	5.32	84	491438	38.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.78%
36) 1,2-Dichloropropane-d6	6.31	67	160913	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.06%
41) Toluene-d8	7.55	98	441820	37.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.66%#
43) trans-1,3-Dichloropropene-	7.83	79	69184	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
47) 2-Hexanone-d5	8.30	63	166474	81.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	233186	36.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	192129	38.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.38%#

Target Compounds

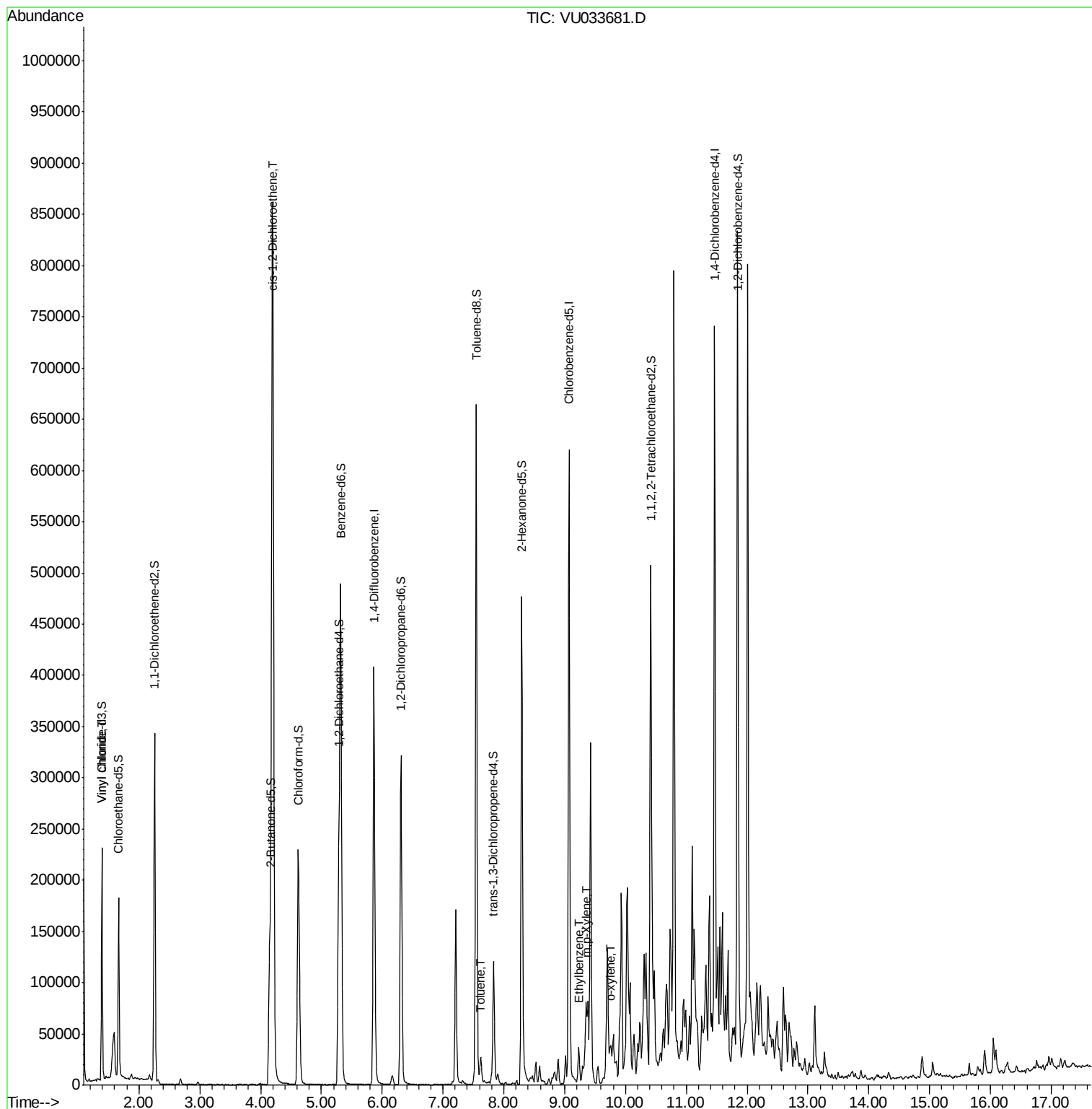
					Qvalue
5) Vinyl chloride	1.40	62	12508	3.359 ug/L	# 80
20) cis-1,2-Dichloroethene	4.20	96	481615	169.122 ug/L	96
42) Toluene	7.62	91	18764	1.615 ug/L	96
52) Ethylbenzene	9.23	91	13844	1.109 ug/L	95
53) m,p-Xylene	9.36	106	18714	3.955 ug/L	97
54) o-xylene	9.76	106	6489	1.384 ug/L	96

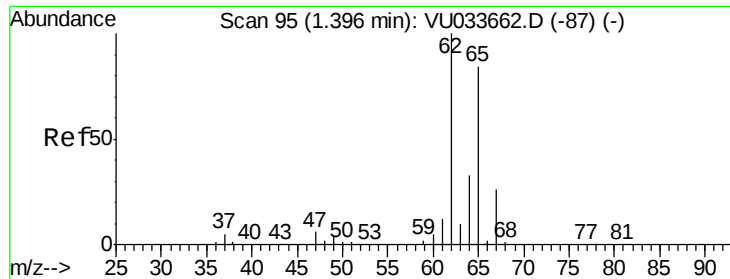
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.359 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Acq: 09 Aug 2019 08:45

Instrument :

MSVOA_U

ClientSampleId :

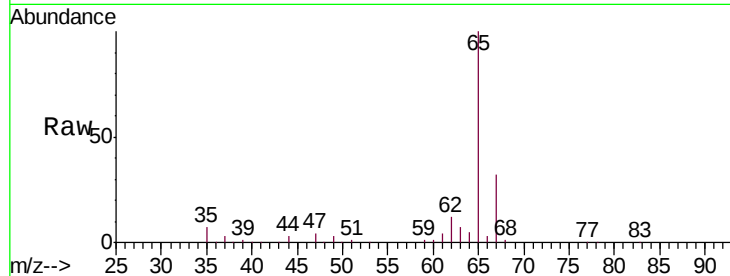
ETOB9ME

Tgt Ion: 62 Resp: 12508

Ion Ratio Lower Upper

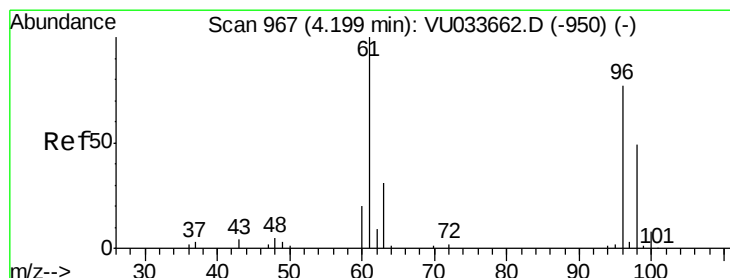
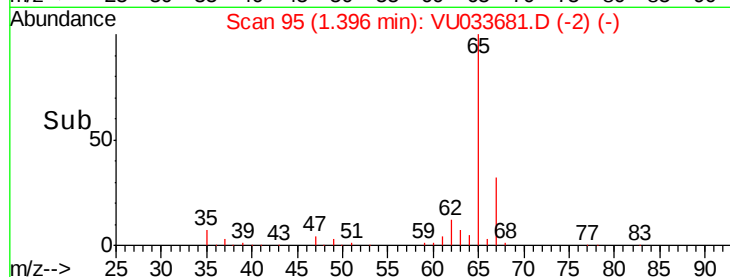
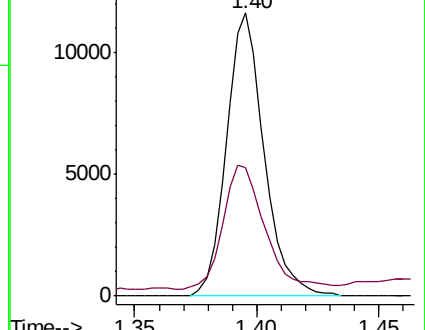
62 100

64 45.2 23.6 43.8#



Abundance Ion 62.00 (61.70 to 62.70): VU033662.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033662.D (-87) (-)



#20

cis-1,2-Dichloroethene

Concen: 169.122 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033681.D

Acq: 09 Aug 2019 08:45

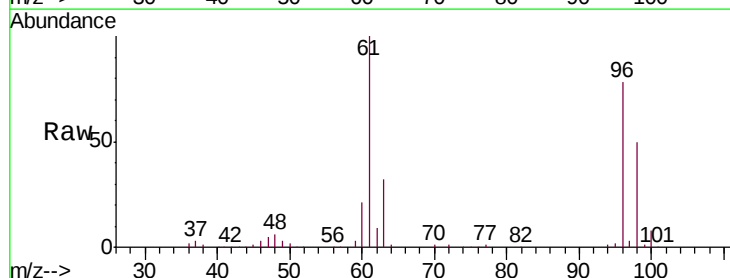
Tgt Ion: 96 Resp: 481615

Ion Ratio Lower Upper

96 100

61 128.7 93.0 172.8

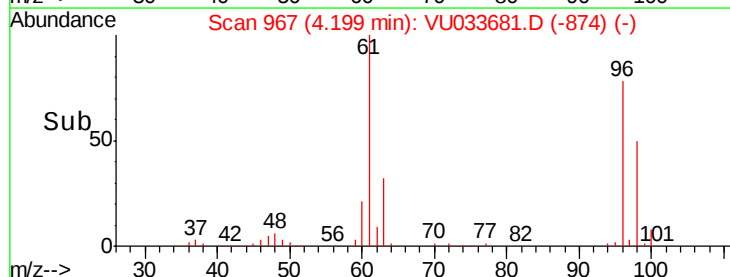
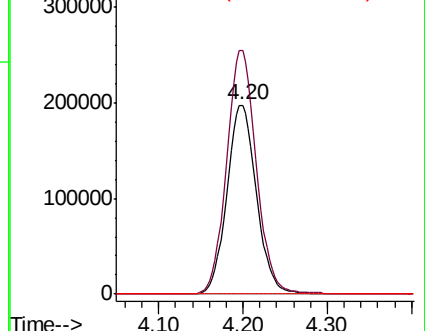
68 0.0 0.0 0.0

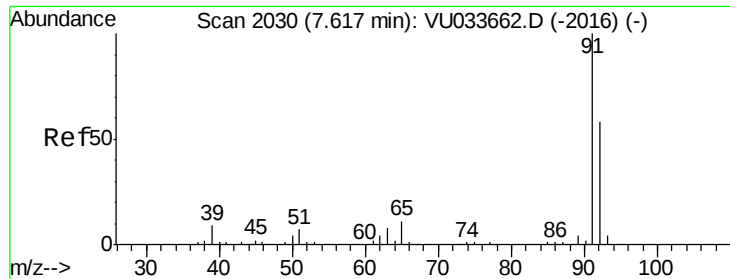


Abundance Ion 96.00 (95.70 to 96.70): VU033662.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033662.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033662.D (-950) (-)





#42

Toluene

Concen: 1.615 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033681.D

Acq: 09 Aug 2019 08:45

Instrument :

MSVOA_U

ClientSampleId :

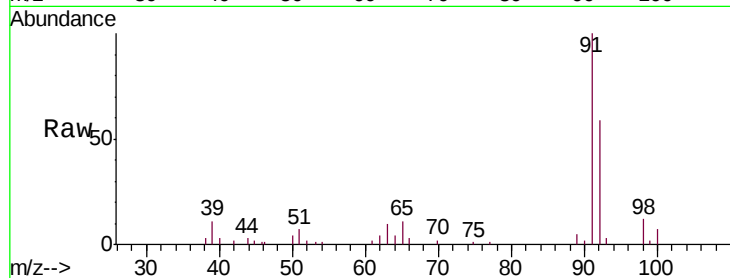
ETOB9ME

Tgt Ion: 91 Resp: 18764

Ion Ratio Lower Upper

91 100

92 59.3 39.6 73.6

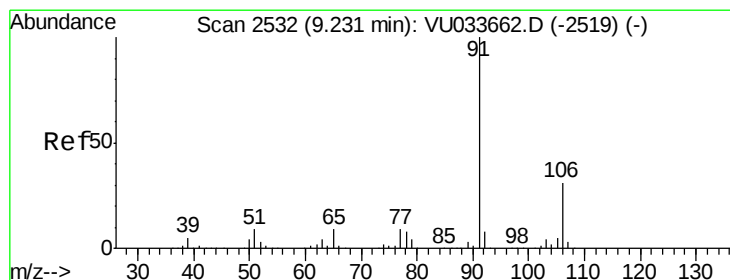
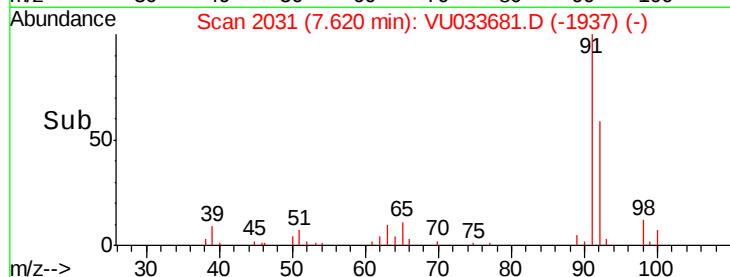


Abundance Ion 91.00 (90.70 to 91.70): VU033662.D (-2016) (-)

Ion 92.00 (91.70 to 92.70): VU033662.D (-2016) (-)

7.62

Time-->



#52

Ethylbenzene

Concen: 1.109 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033681.D

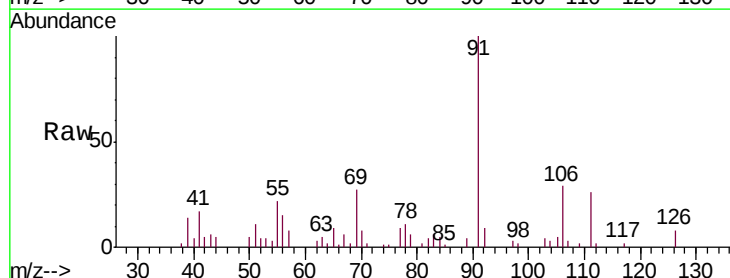
Acq: 09 Aug 2019 08:45

Tgt Ion: 91 Resp: 13844

Ion Ratio Lower Upper

91 100

106 28.7 21.9 40.7

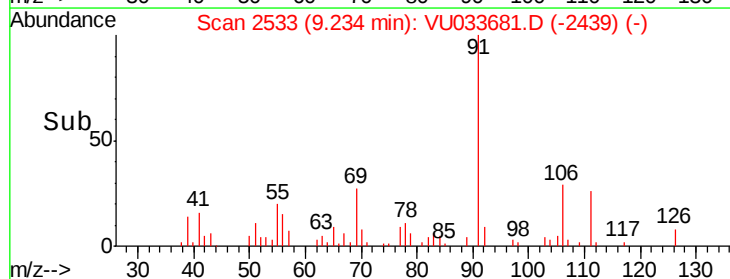


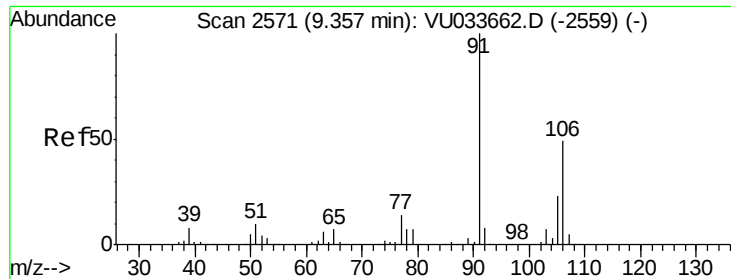
Abundance Ion 91.00 (90.70 to 91.70): VU033662.D (-2519) (-)

Ion 106.00 (105.70 to 106.70): VU033662.D (-2519) (-)

9.23

Time-->

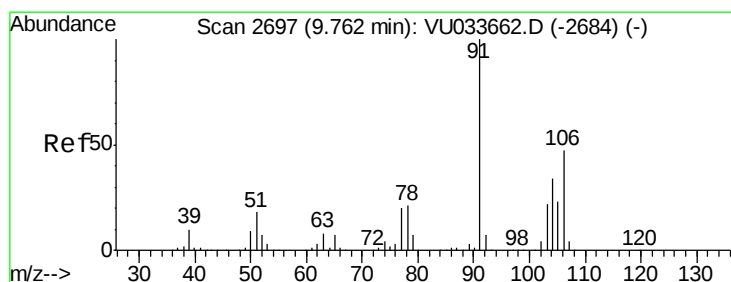
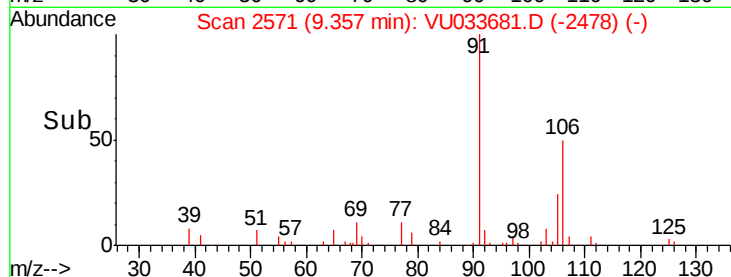
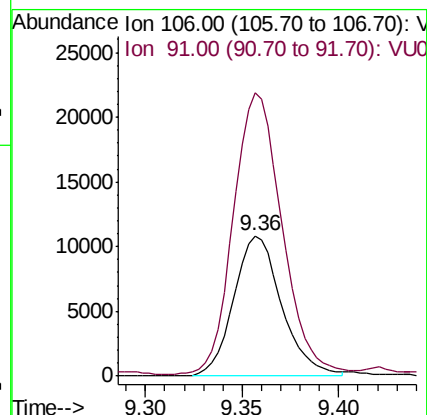
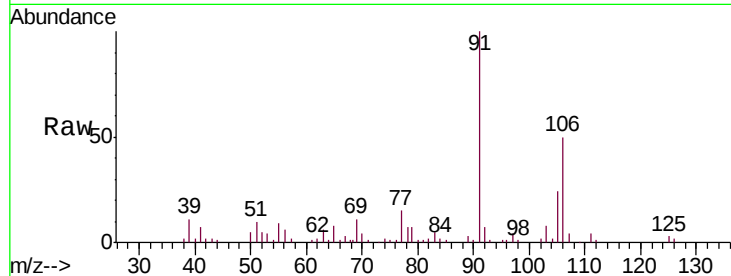




#53
m,p-Xylene
Concen: 3.955 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU033681.D
Acq: 09 Aug 2019 08:45

Instrument :
MSVOA_U
ClientSampleId :
ETOB9ME

Tgt Ion:106 Resp: 18714
Ion Ratio Lower Upper
106 100
91 201.7 138.5 257.3



#54
o-xylene
Concen: 1.384 ug/L
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033681.D
Acq: 09 Aug 2019 08:45

Tgt Ion:106 Resp: 6489
Ion Ratio Lower Upper
106 100
91 210.3 152.1 282.5

