

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034962.D
 Acq On : 07 Oct 2019 16:11
 Operator : JC/SP
 Sample : K5219-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-191002-01

Quant Time: Oct 09 04:41:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	183724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	83358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49987	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.67	69	46399	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.26	63	74252	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.19	46	153542	48.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.02%
24) Chloroform-d	4.62	84	95128	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.29	65	57570	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.31	84	204399	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.31	67	70370	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.54	98	188297	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.84	79	22023	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.30	63	112505	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56909	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	71534	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

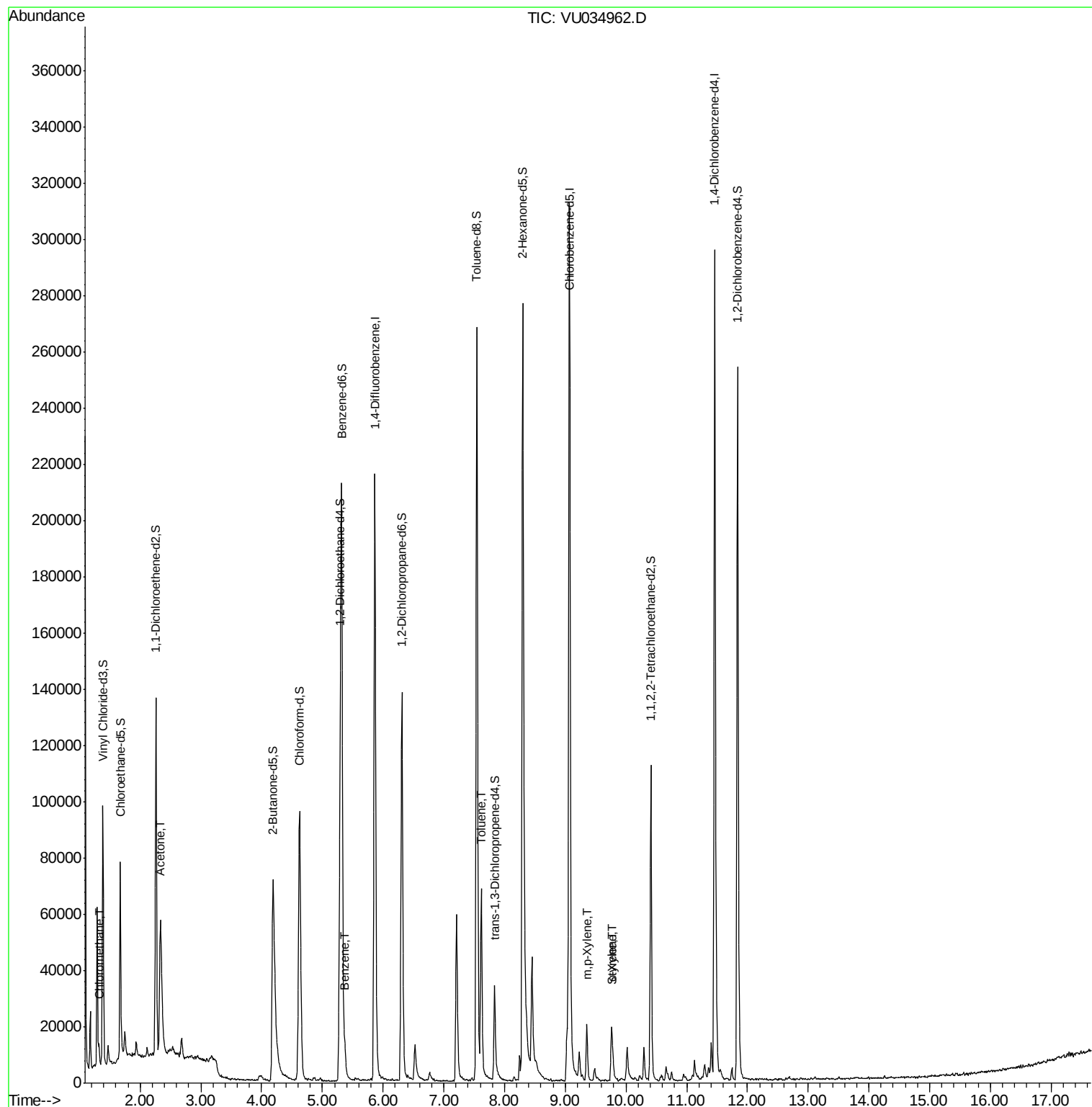
					Ovalue
3) Chloromethane	1.32	50	3074	0.167 ug/L	95
13) Acetone	2.33	43	90937	34.717 ug/L	98
33) Benzene	5.37	78	8471	0.152 ug/L	100
42) Toluene	7.62	91	51217	0.878 ug/L	100
53) m,p-Xylene	9.36	106	6143	0.258 ug/L	100
54) o-Xylene	9.76	106	4474	0.192 ug/L	96
55) Styrene	9.78	104	5938	0.158 ug/L	91

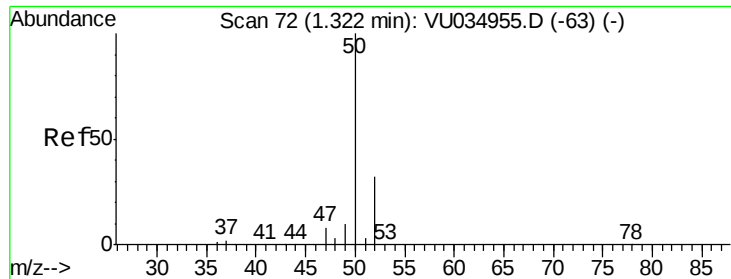
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034962.D

Acq: 07 Oct 2019 16:11

Instrument :

MSVOA_U

ClientSampleId :

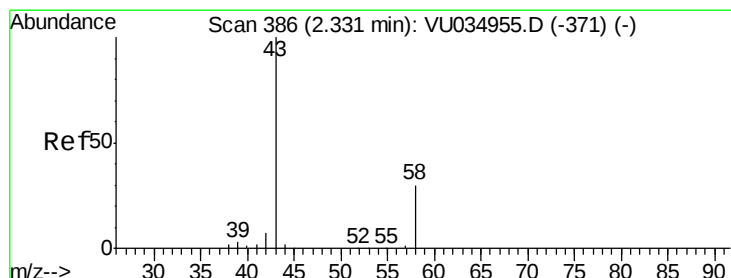
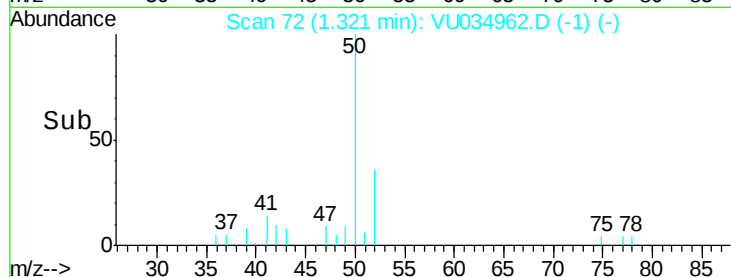
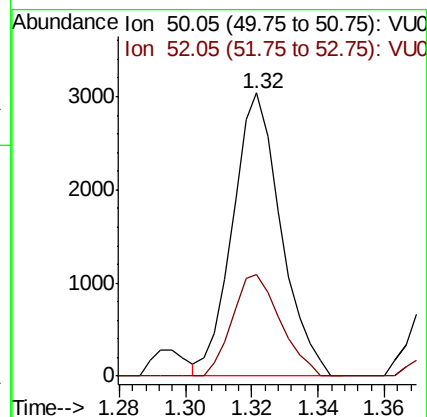
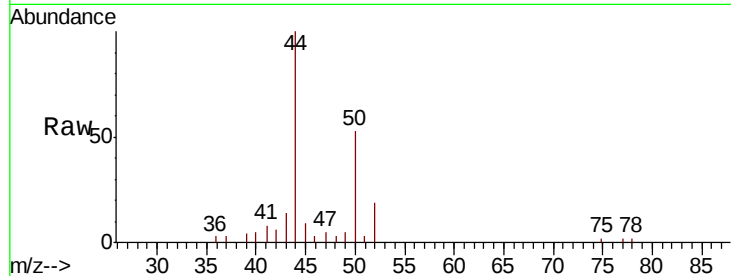
TB-191002-01

Tot Ion: 50 Resp: 3074

Ion Ratio Lower Upper

50 100

52 35.9 23.0 42.6



#13

Acetone

Concen: 34.717 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.00 min

Lab File: VU034962.D

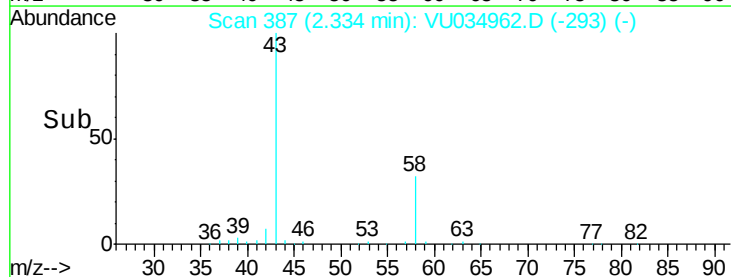
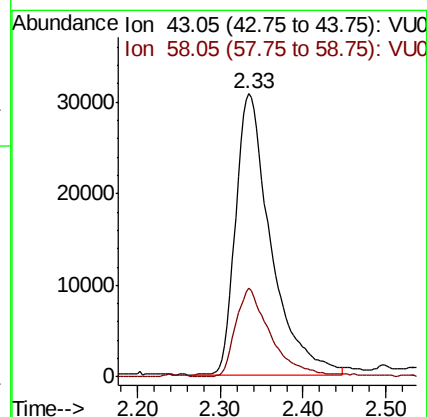
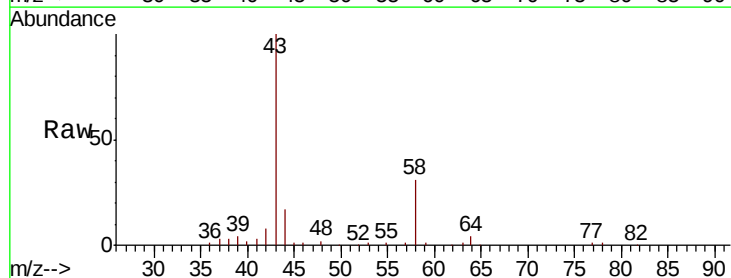
Acq: 07 Oct 2019 16:11

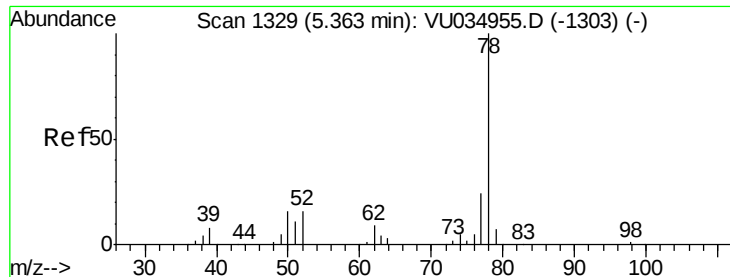
Tgt Ion: 43 Resp: 90937

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.8





#33

Benzene

Concen: 0.152 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VU034962.D

Acq: 07 Oct 2019 16:11

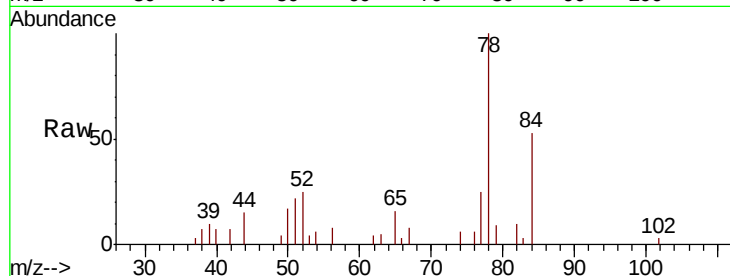
Instrument :

MSVOA_U

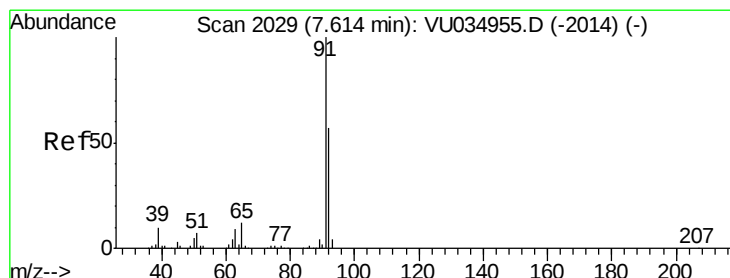
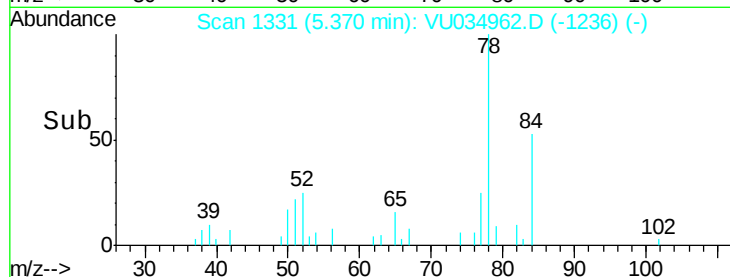
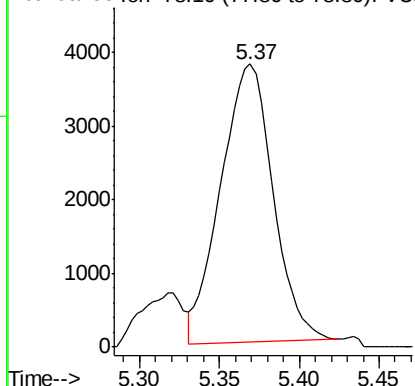
ClientSampleId :

TB-191002-01

Tgt Ion: 78 Resp: 8471



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.878 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034962.D

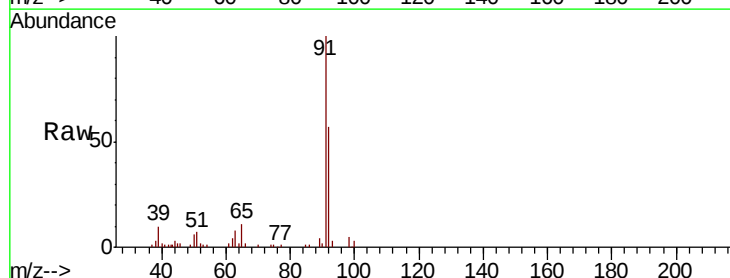
Acq: 07 Oct 2019 16:11

Tgt Ion: 91 Resp: 51217

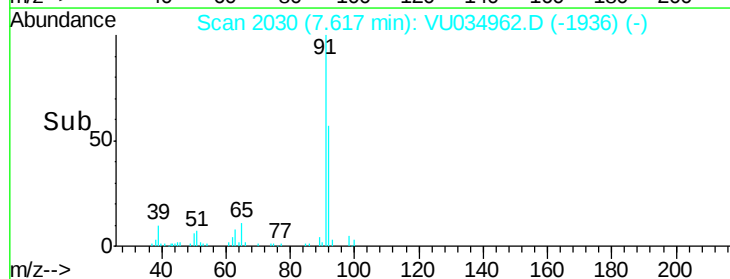
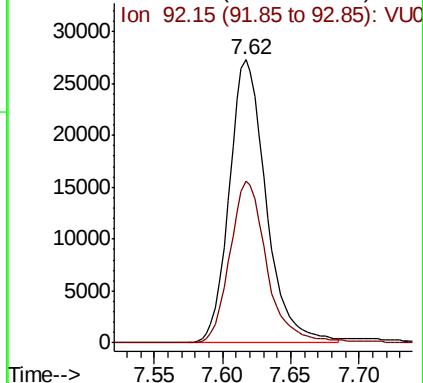
Ion Ratio Lower Upper

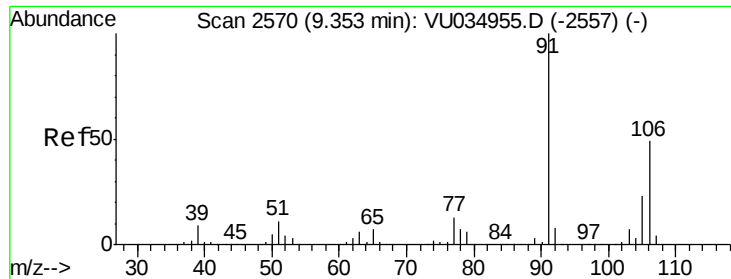
91 100

92 57.4 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

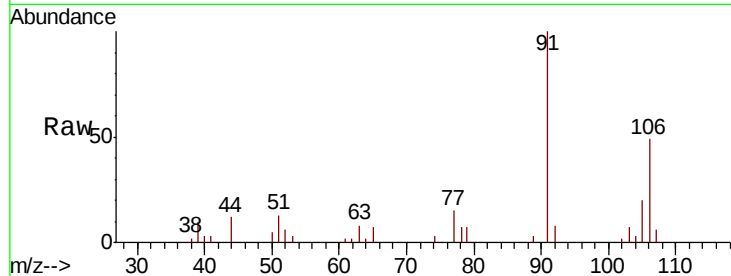




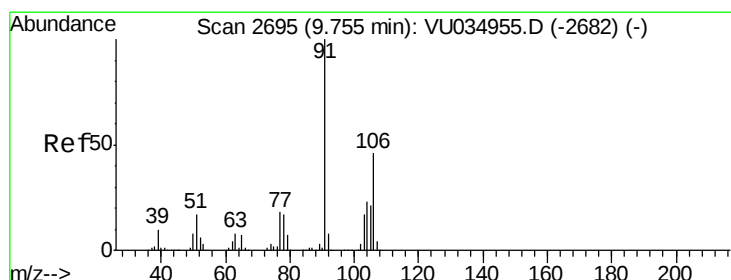
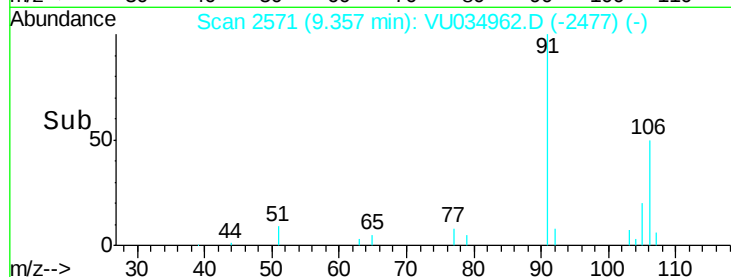
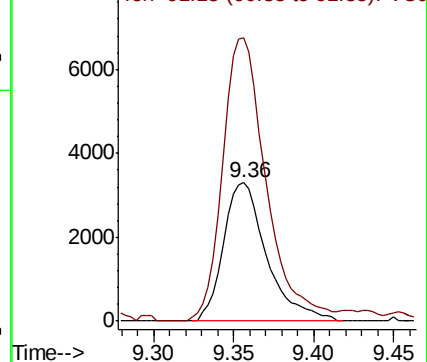
#53
m,p-Xylene
Concen: 0.258 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034962.D
Acq: 07 Oct 2019 16:11

Instrument :
MSVOA_U
ClientSampleId :
TB-191002-01

Tot Ion:106 Resp: 6143
Ion Ratio Lower Upper
106 100
91 204.1 143.1 265.9

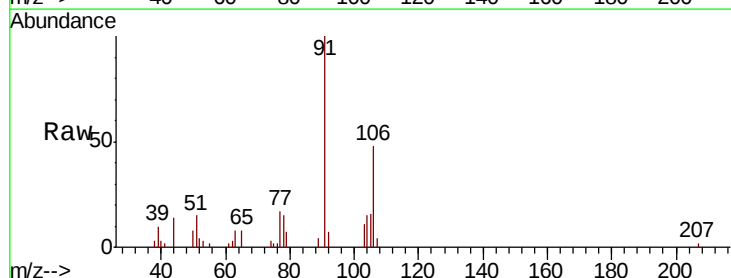


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

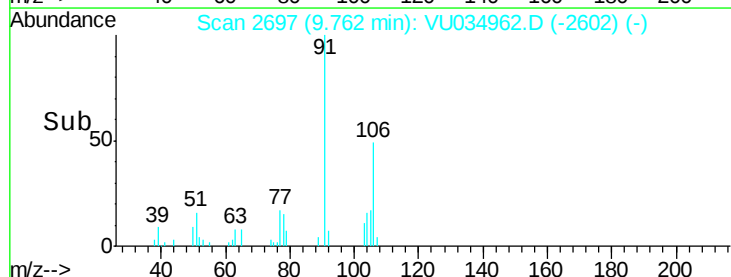
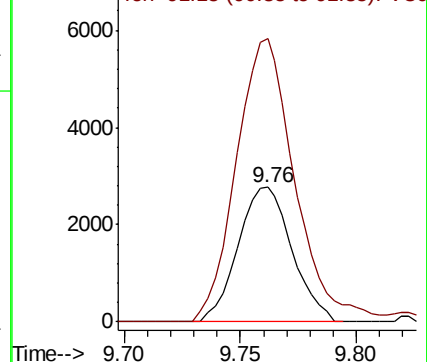


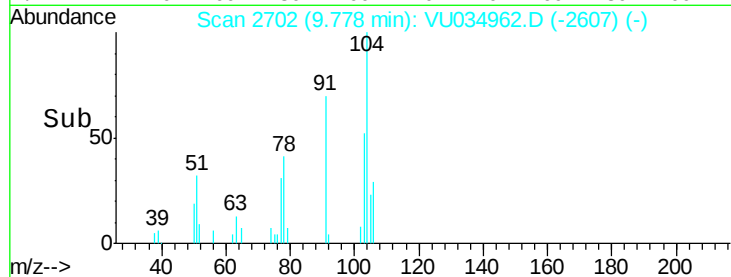
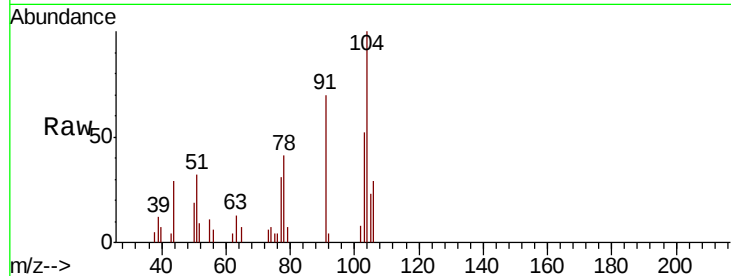
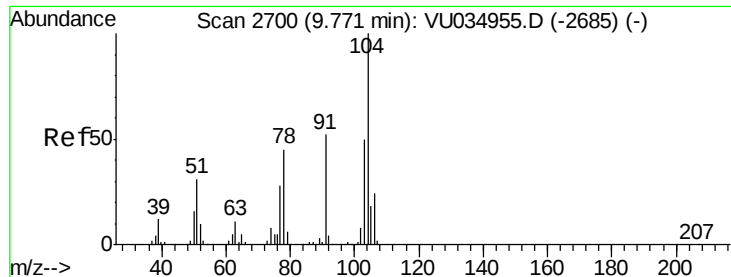
#54
o-Xylene
Concen: 0.192 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU034962.D
Acq: 07 Oct 2019 16:11

Tgt Ion:106 Resp: 4474
Ion Ratio Lower Upper
106 100
91 210.0 151.6 281.6



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.158 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.01 min

Lab File: VU034962.D

Acq: 07 Oct 2019 16:11

Instrument :

MSVOA_U

ClientSampleId :

TB-191002-01

Tot Ion:104 Resp: 5938

Ion Ratio Lower Upper

104 100

78 40.7 32.7 60.7

