

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035524.D
 Acq On : 26 Oct 2019 17:31
 Operator : JC/SP
 Sample : K5538-01 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 02:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	640524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	599617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	195052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	216913	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.88%
7) Chloroethane-d5	1.93	69	189936	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.54%
11) 1,1-Dichloroethene-d2	2.60	63	283304	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.69	46	310779	93.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.25%
24) Chloroform-d	5.11	84	370268	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	5.75	65	245146	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
32) Benzene-d6	5.77	84	782858	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.73	67	262157	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	7.93	98	689233	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	8.21	79	113912	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.68	63	202249	104.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.73%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	334131	45.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.82%
64) 1,2-Dichlorobenzene-d4	12.22	152	185783	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

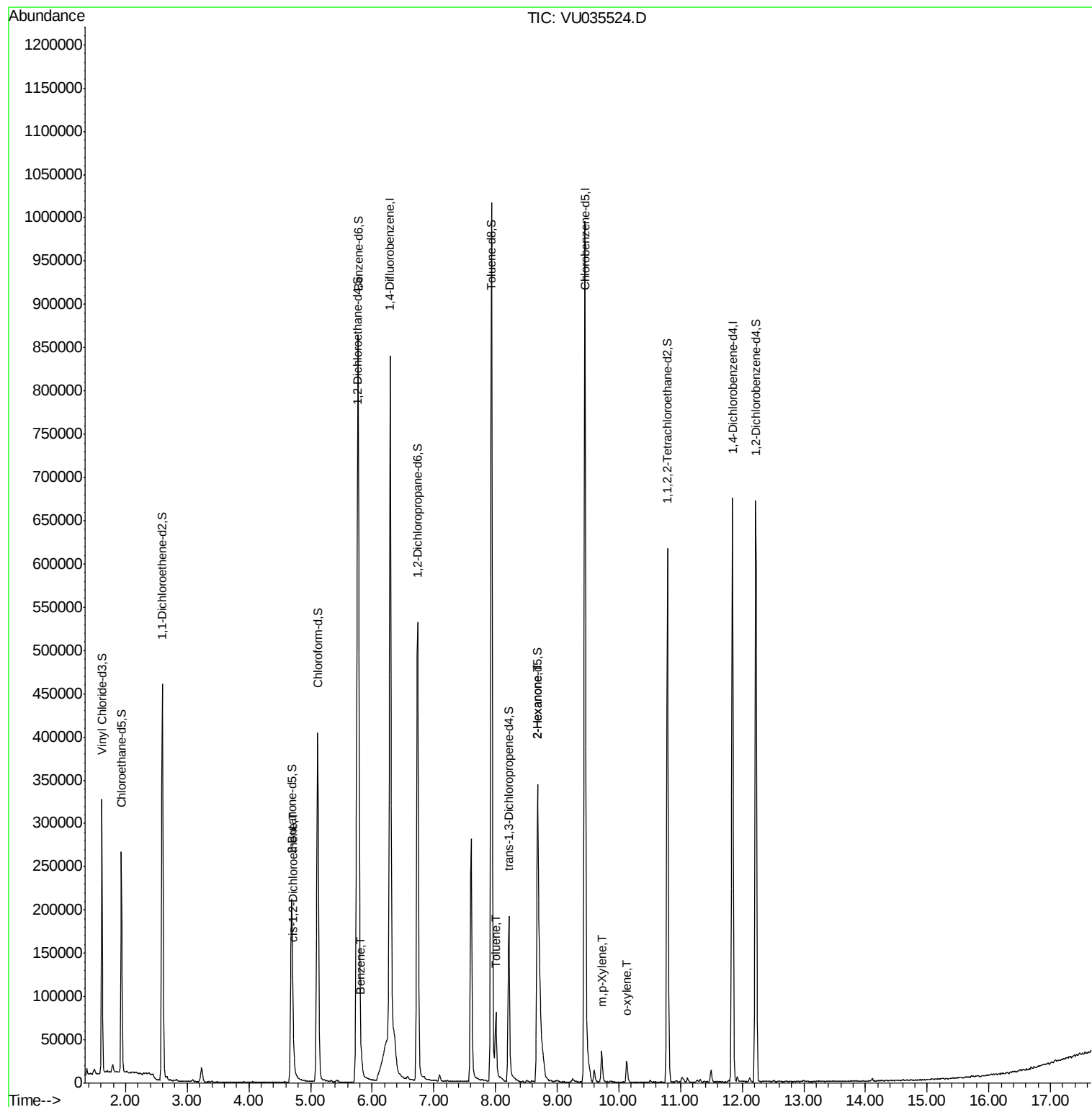
					Ovalue
20) cis-1,2-Dichloroethene	4.72	96	5804	1.191 ug/L	83
33) Benzene	5.82	78	22774	1.259 ug/L	100
42) Toluene	8.01	91	51032	2.736 ug/L	99
48) 2-Hexanone	8.68	43	17651	3.197 ug/L #	43
53) m,p-Xylene	9.72	106	10878	1.477 ug/L	97
54) o-xylene	10.13	106	6828	0.947 ug/L	97

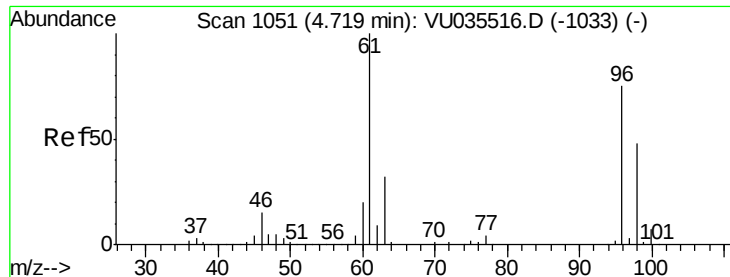
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 02:26:55 2019
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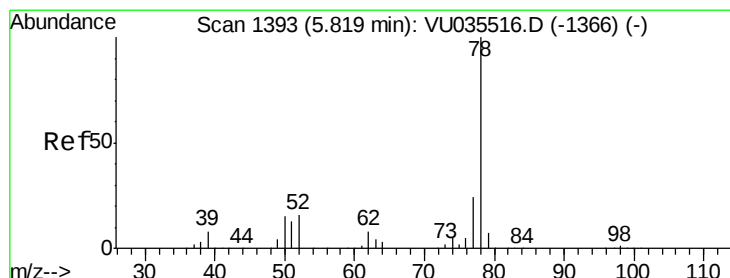
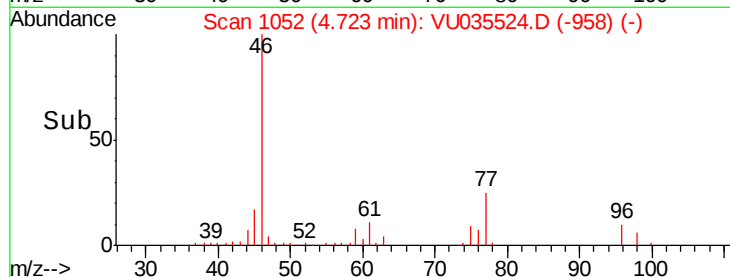
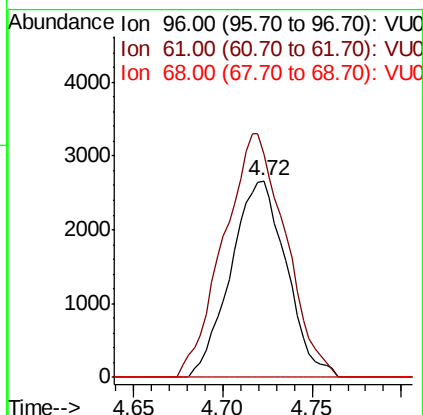
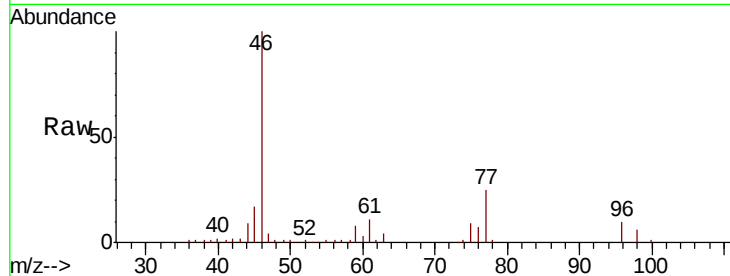




#20
 cis-1,2-Dichloroethene
 Concen: 1.191 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VU035524.D
 Acq: 26 Oct 2019 17:31

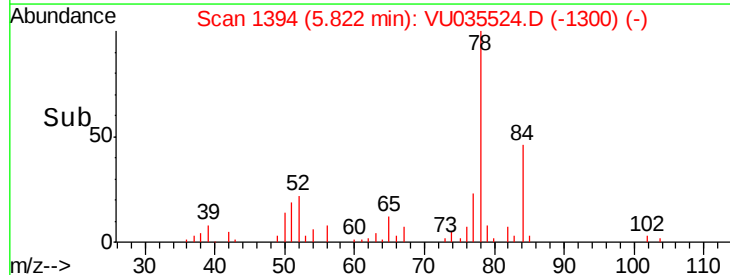
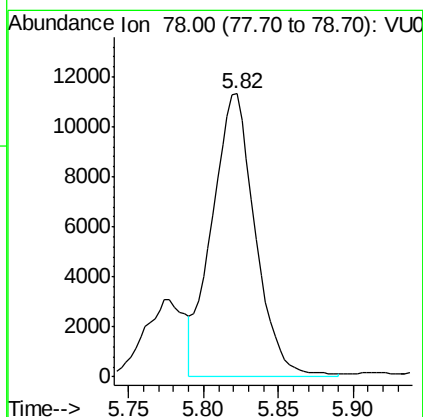
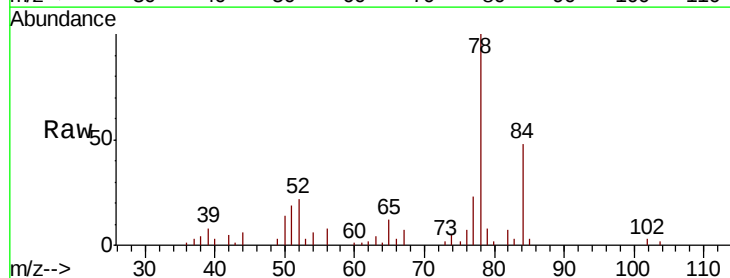
Instrument :
 MSVOA_U
 ClientSampleId :

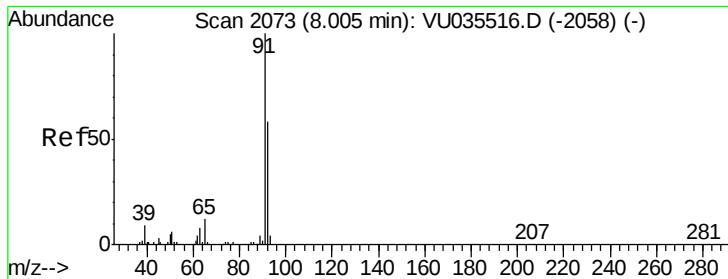
Tot Ion: 96 Resp: 5804
 Ion Ratio Lower Upper
 96 100
 61 113.1 93.0 172.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 1.259 ug/L
 RT: 5.82 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VU035524.D
 Acq: 26 Oct 2019 17:31

Tgt Ion: 78 Resp: 22774





#42

Toluene

Concen: 2.736 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035524.D

Acq: 26 Oct 2019 17:31

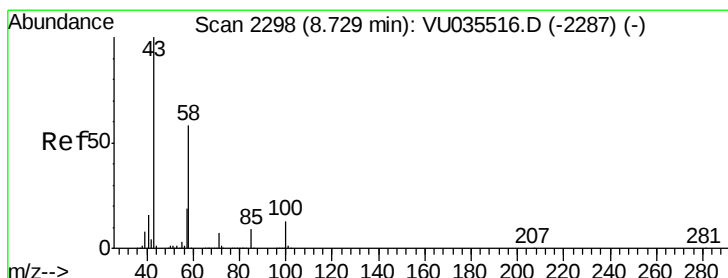
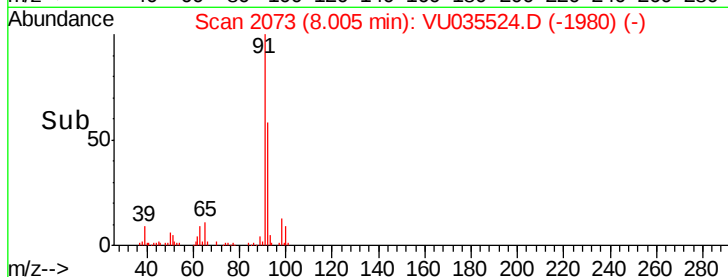
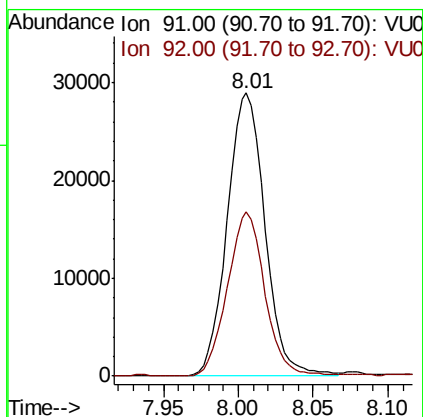
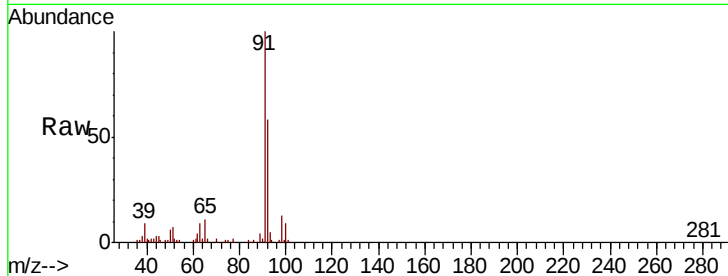
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 51032

Ion Ratio Lower Upper

91 100

92 57.9 41.0 76.2



#48

2-Hexanone

Concen: 3.197 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU035524.D

Acq: 26 Oct 2019 17:31

Tgt Ion: 43 Resp: 17651

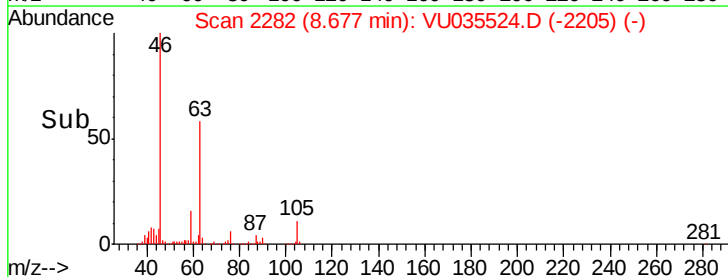
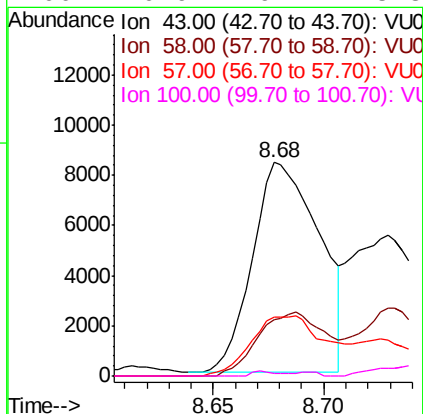
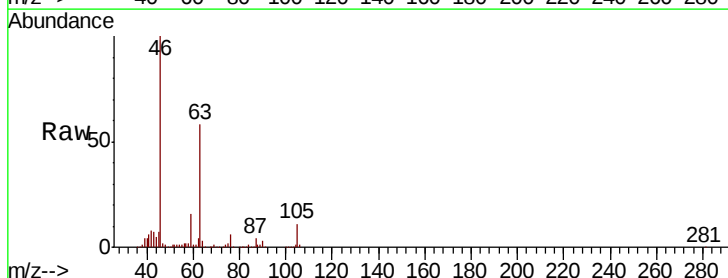
Ion Ratio Lower Upper

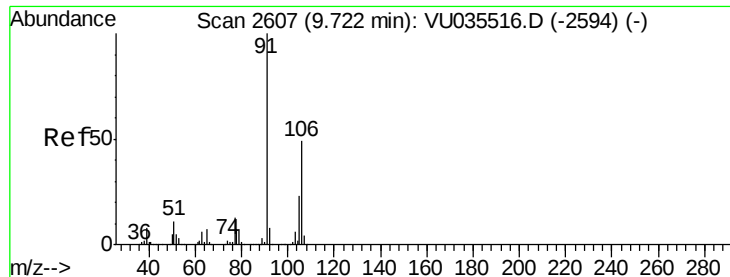
43 100

58 0.0 45.6 68.4#

57 14.1 14.1 21.1

100 0.9 9.2 13.8#





#53

m,p-Xylene

Concen: 1.477 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035524.D

Acq: 26 Oct 2019 17:31

Instrument :

MSVOA_U

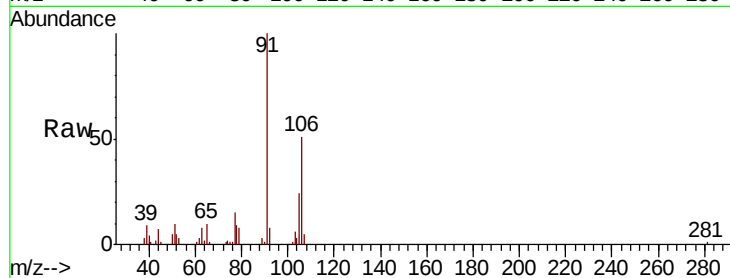
ClientSampleId :

Tot Ion:106 Resp: 10878

Ion Ratio Lower Upper

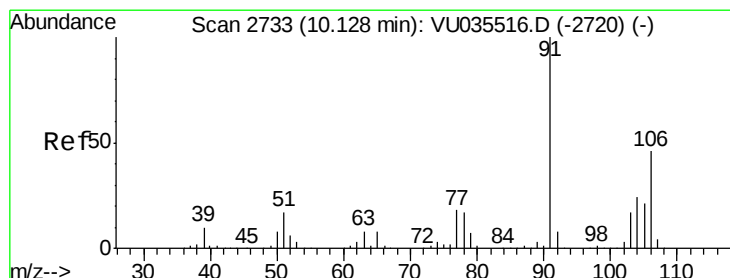
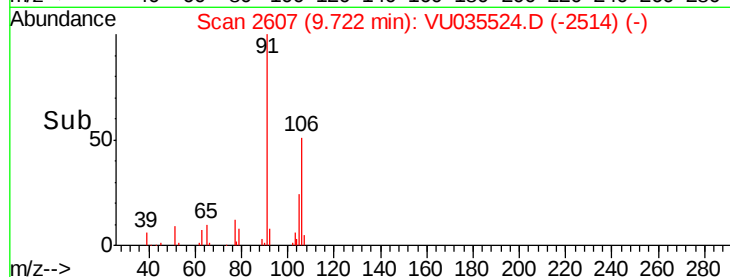
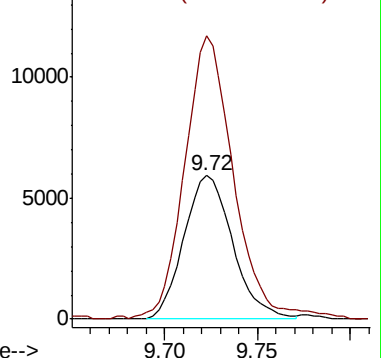
106 100

91 197.3 141.7 263.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 0.947 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU035524.D

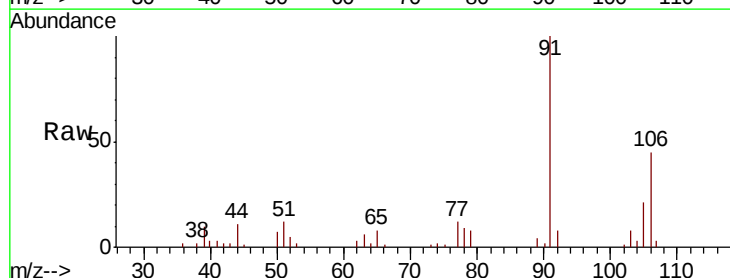
Acq: 26 Oct 2019 17:31

Tgt Ion:106 Resp: 6828

Ion Ratio Lower Upper

106 100

91 219.9 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

