

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028420.D
 Acq On : 30 Nov 2018 13:59
 Operator : MD/SY
 Sample : J6077-06ME
 Misc : 6.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y41ME

Quant Time: Dec 03 11:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	539882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	528681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	270979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174685	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.34%
7) Chloroethane-d5	1.64	69	155087	41.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.64%
11) 1,1-Dichloroethene-d2	2.24	63	243659	28.37	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.74%#
21) 2-Butanone-d5	4.19	46	316863	79.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.93%
24) Chloroform-d	4.64	84	292695	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.12%
26) 1,2-Dichloroethane-d4	5.30	65	202753	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.42%
32) Benzene-d6	5.33	84	621449	37.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.52%
36) 1,2-Dichloropropane-d6	6.32	67	229393	38.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.26%
41) Toluene-d8	7.56	98	556943	37.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.68%#
43) trans-1,3-Dichloropropene-	7.85	79	101630	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.80%
47) 2-Hexanone-d5	8.32	63	239285	83.42	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	323486	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	225345	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%

Target Compounds

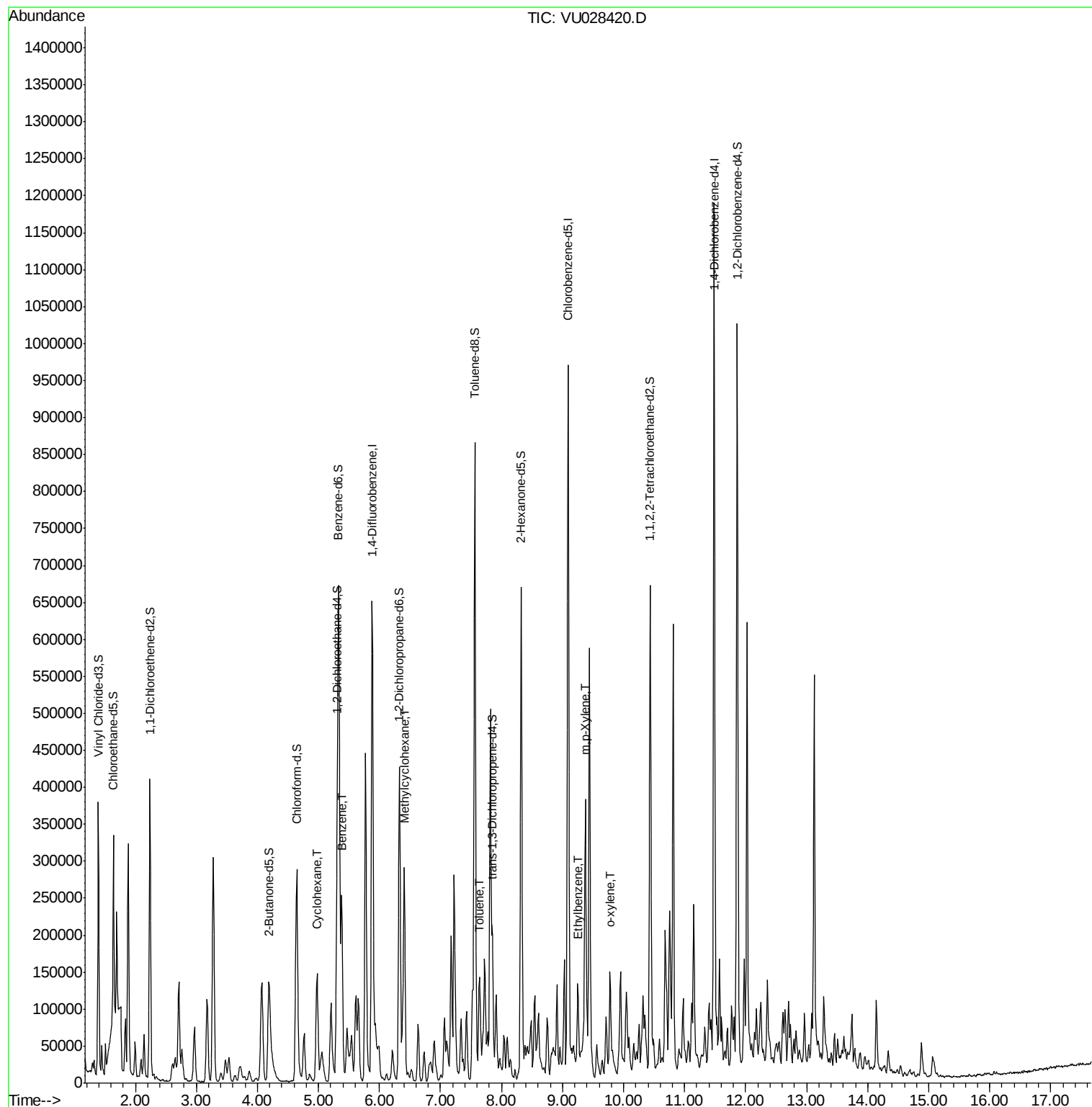
					Qvalue
29) Cyclohexane	4.98	56	55454	6.463	ug/L 92
33) Benzene	5.38	78	238797	13.149	ug/L 100
35) Methylcyclohexane	6.41	83	113210	14.977	ug/L 91
42) Toluene	7.63	91	91679	4.960	ug/L 97
52) Ethylbenzene	9.25	91	74009	3.625	ug/L 96
53) m,p-Xylene	9.37	106	59790	8.211	ug/L 99
54) o-xylene	9.78	106	36453	5.054	ug/L 98

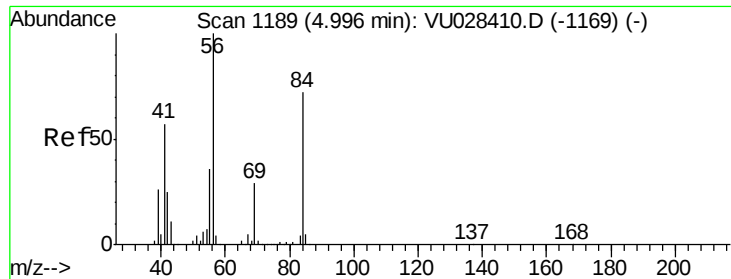
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 23:11:27 2018
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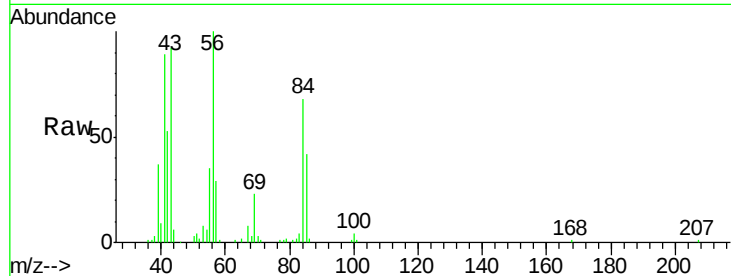




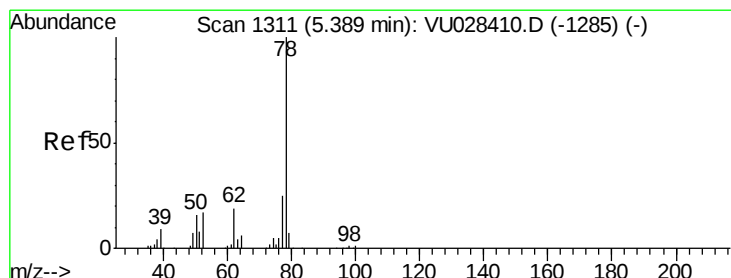
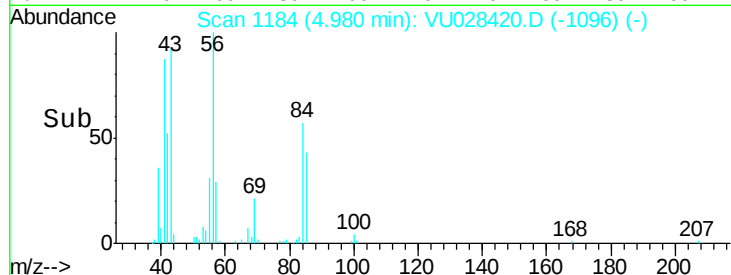
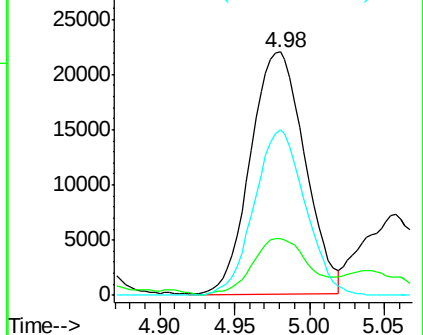
#29
Cyclohexane
Concen: 6.463 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028420.D
Acq: 30 Nov 2018 13:59

Instrument :
MSVOA_U
ClientSampleId :
F9Y41ME

Tgt Ion: 56 Resp: 55454
Ion Ratio Lower Upper
56 100
69 24.6 22.5 33.7
84 64.2 56.6 85.0

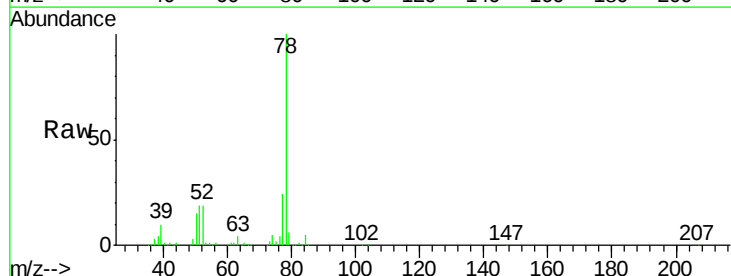


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

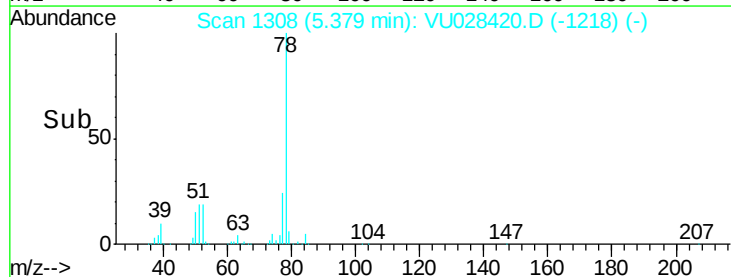
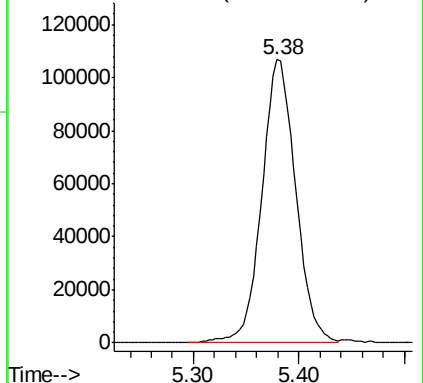


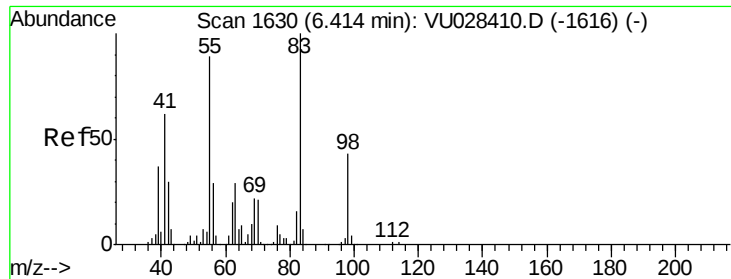
#33
Benzene
Concen: 13.149 ug/L
RT: 5.38 min Scan# 1308
Delta R.T. -0.01 min
Lab File: VU028420.D
Acq: 30 Nov 2018 13:59

Tgt Ion: 78 Resp: 238797



Abundance Ion 78.00 (77.70 to 78.70): VU0

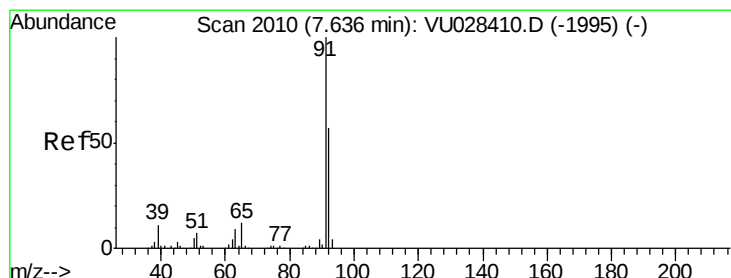
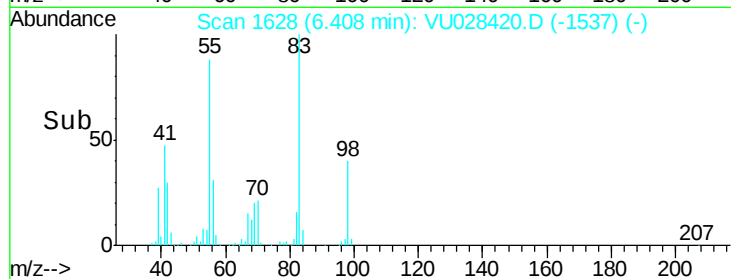
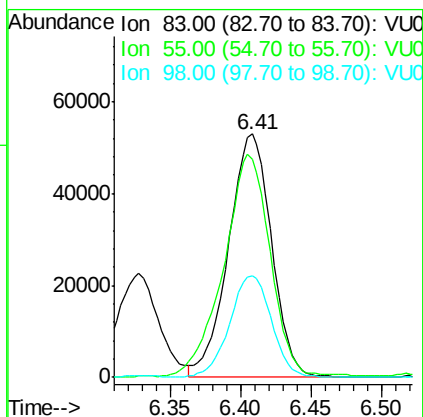
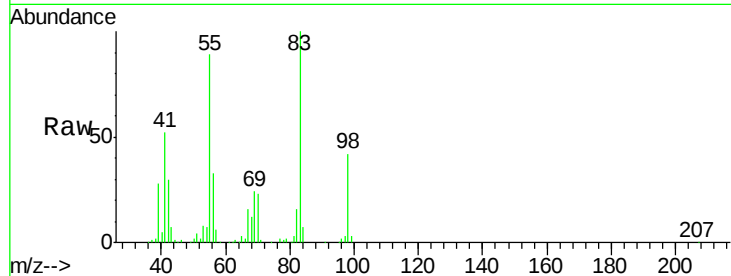




#35
Methylcyclohexane
Concen: 14.977 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU028420.D
Acq: 30 Nov 2018 13:59

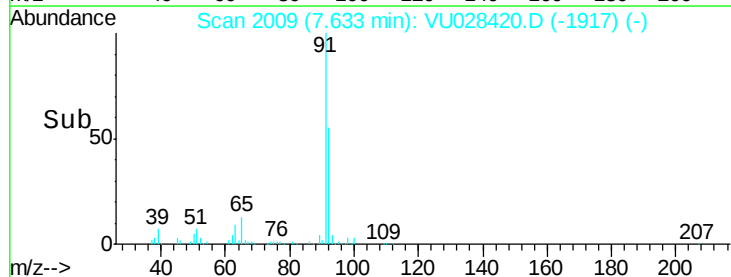
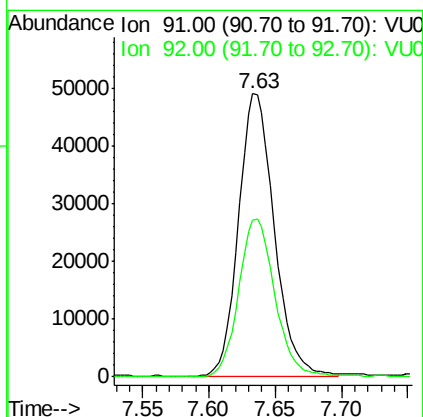
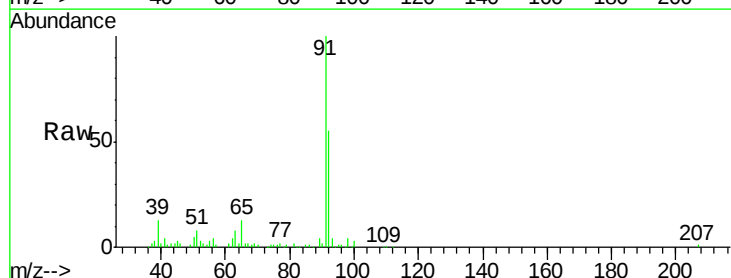
Instrument :
MSVOA_U
ClientSampleId :
F9Y41ME

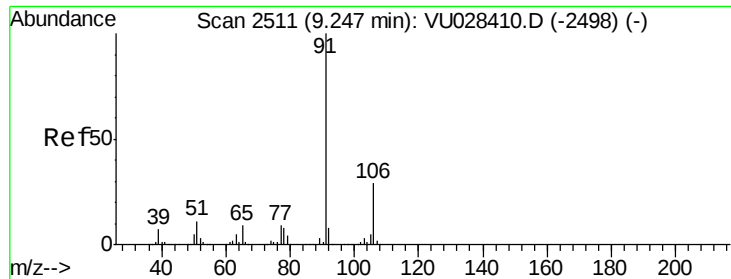
Tgt Ion: 83 Resp: 113210
Ion Ratio Lower Upper
83 100
55 98.2 70.5 105.7
98 40.3 34.6 52.0



#42
Toluene
Concen: 4.960 ug/L
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU028420.D
Acq: 30 Nov 2018 13:59

Tgt Ion: 91 Resp: 91679
Ion Ratio Lower Upper
91 100
92 55.3 40.1 74.5





#52

Ethylbenzene

Concen: 3.625 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028420.D

Acq: 30 Nov 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

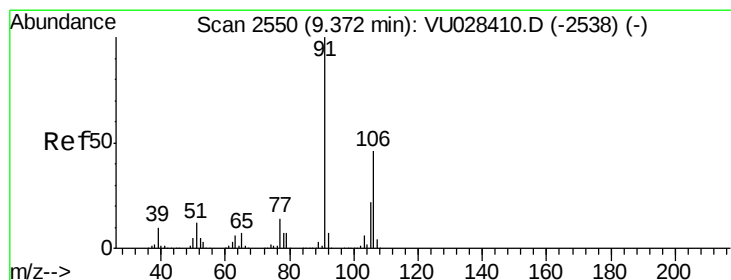
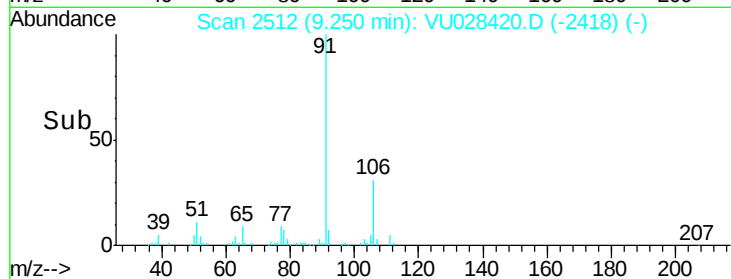
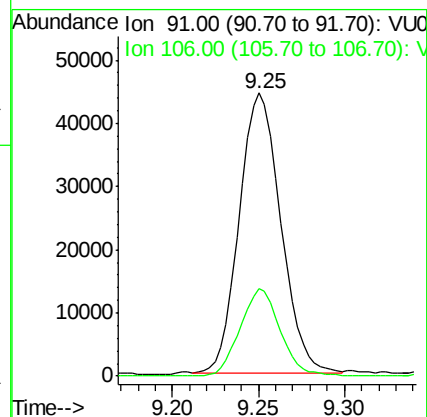
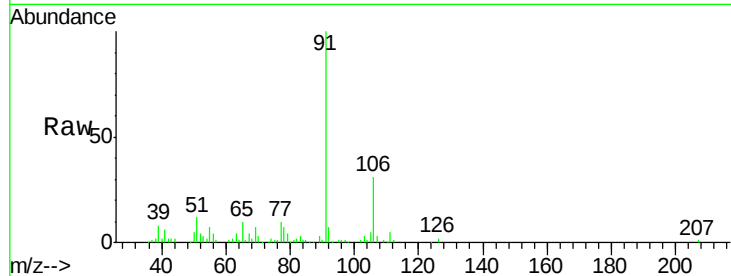
F9Y41ME

Tgt Ion: 91 Resp: 74009

Ion Ratio Lower Upper

91 100

106 31.0 20.2 37.6



#53

m,p-Xylene

Concen: 8.211 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU028420.D

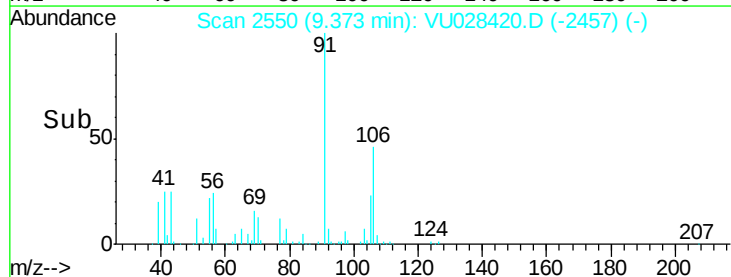
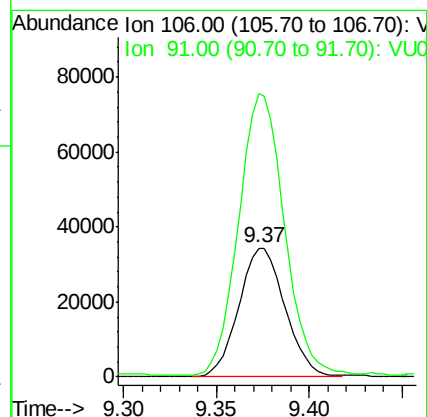
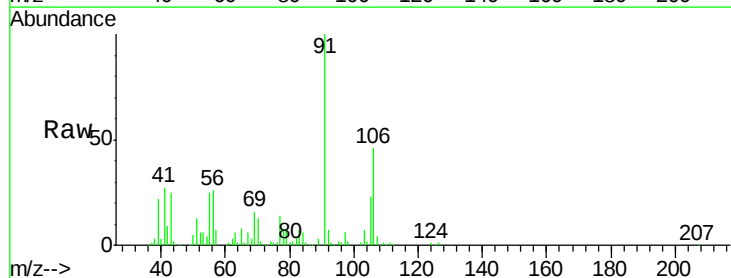
Acq: 30 Nov 2018 13:59

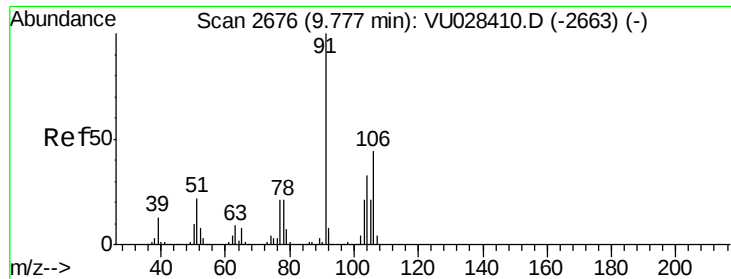
Tgt Ion: 106 Resp: 59790

Ion Ratio Lower Upper

106 100

91 219.5 152.9 283.9





#54
o-xylene
Concen: 5.054 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028420.D
Acq: 30 Nov 2018 13:59

Instrument :
MSVOA_U
ClientSampleId :
F9Y41ME

Tgt Ion:106 Resp: 36453
Ion Ratio Lower Upper
106 100
91 223.3 158.4 294.2

