

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028826.D
 Acq On : 20 Dec 2018 15:54
 Operator : MD/SY
 Sample : J6468-09ME
 Misc : 3.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JG7ME

Quant Time: Dec 21 05:03:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	108755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67172	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.54%
7) Chloroethane-d5	1.64	69	39122	27.35	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.70%#
11) 1,1-Dichloroethene-d2	2.23	63	88545	28.43	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.86%#
21) 2-Butanone-d5	4.19	46	113800	87.70	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	4.64	84	114532	39.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.66%
26) 1,2-Dichloroethane-d4	5.30	65	73817	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
32) Benzene-d6	5.33	84	254333	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.33	67	89085	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.50%
41) Toluene-d8	7.56	98	230395	40.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.94%
43) trans-1,3-Dichloropropene-	7.85	79	40139	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.32	63	98961	97.64	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136413	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	95139	43.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.50%

Target Compounds

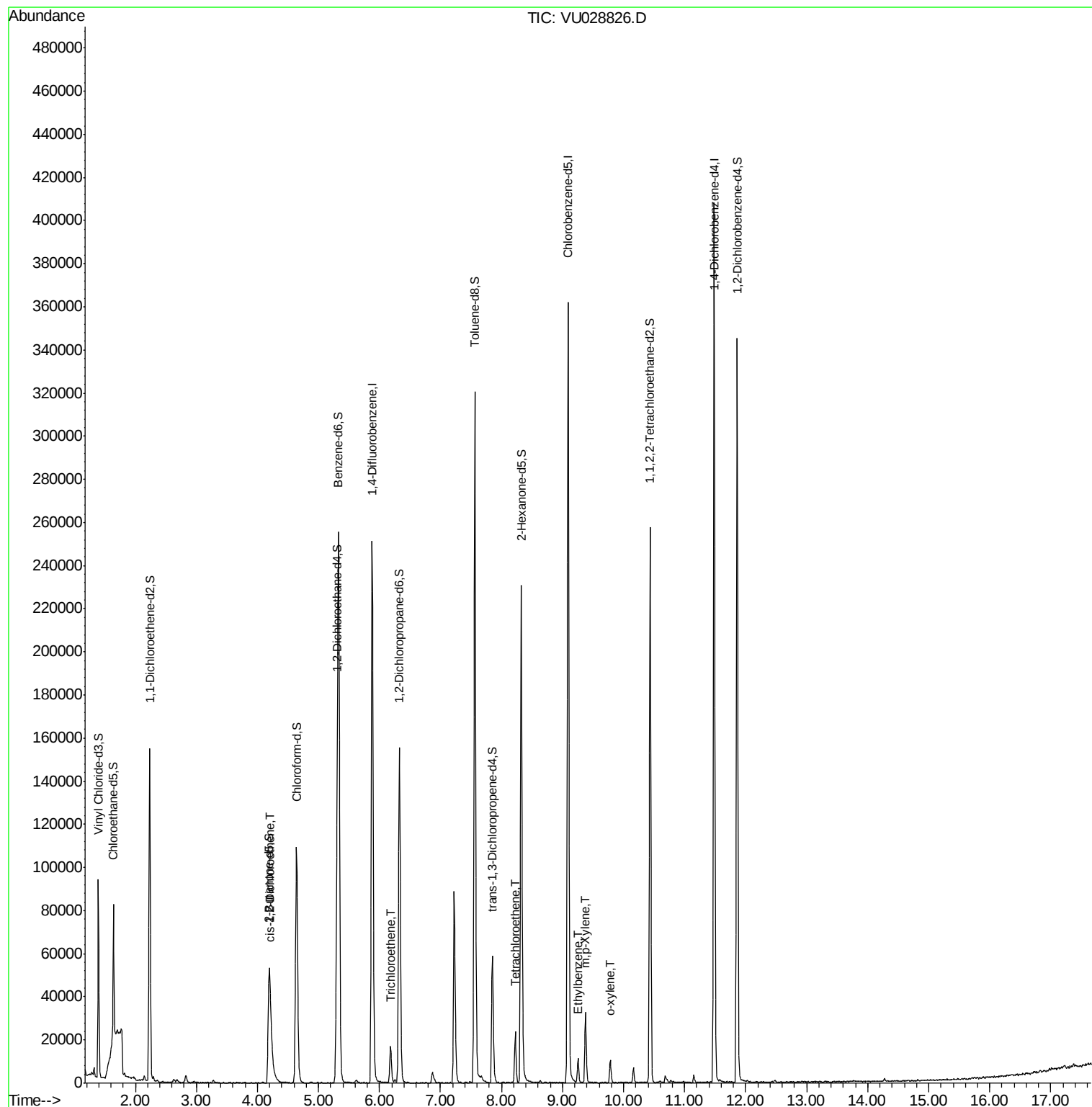
					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	5956	3.276 ug/L	93
34) Trichloroethene	6.18	95	6386	3.737 ug/L	98
46) Tetrachloroethene	8.22	164	5658	4.299 ug/L	97
52) Ethylbenzene	9.25	91	9836	1.276 ug/L	97
53) m,p-Xylene	9.38	106	9856	3.457 ug/L	92
54) o-xylene	9.78	106	3281	1.148 ug/L	100

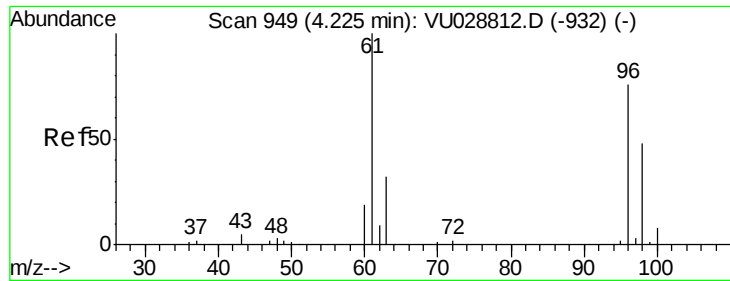
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

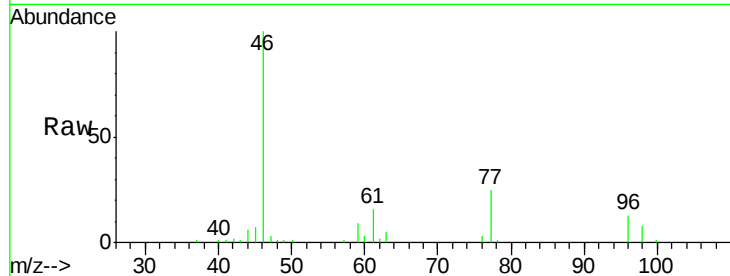




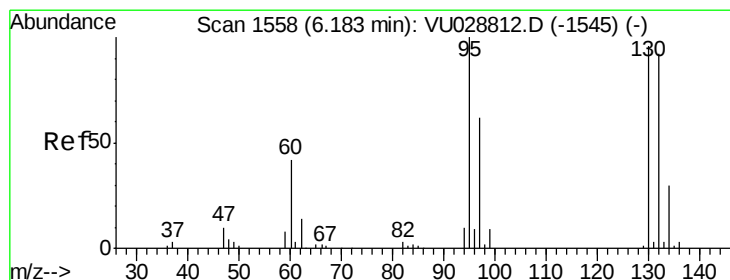
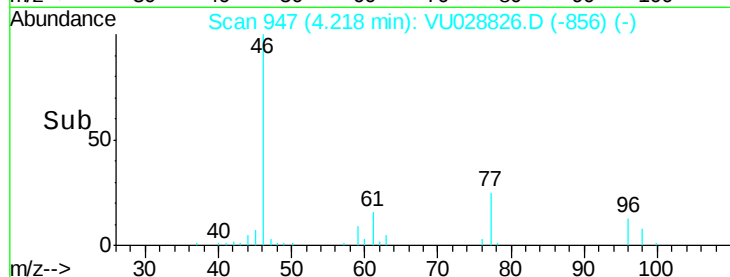
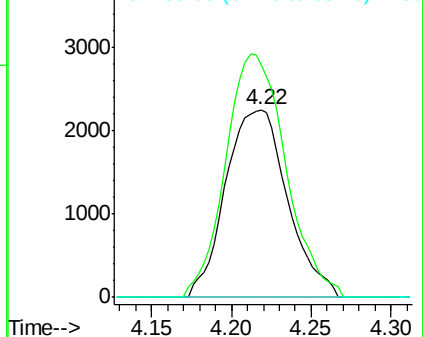
#20
cis-1,2-Dichloroethene
Concen: 3.276 ug/L
RT: 4.22 min Scan# 947
Delta R.T. -0.01 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Instrument :
MSVOA_U
ClientSampleId :
C0JG7ME

Tgt Ion: 96 Resp: 5956
Ion Ratio Lower Upper
96 100
61 123.8 92.1 171.1
68 0.0 0.0 0.0

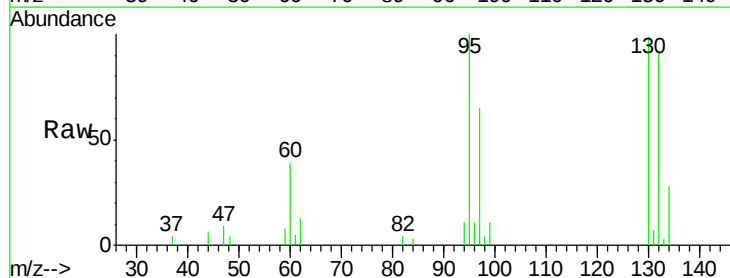


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

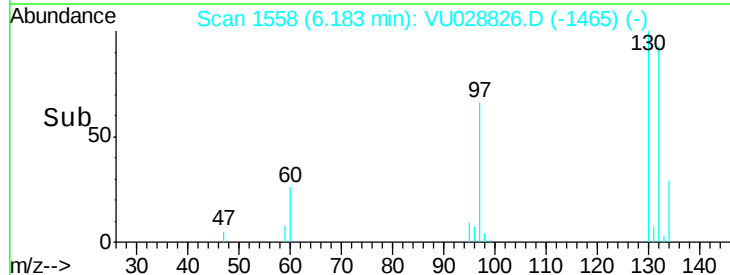
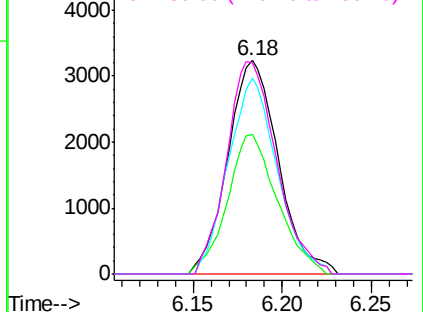


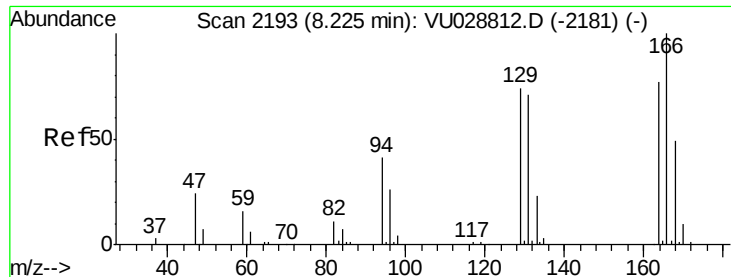
#34
Trichloroethene
Concen: 3.737 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Tgt Ion: 95 Resp: 6386
Ion Ratio Lower Upper
95 100
97 65.4 43.3 80.3
132 91.9 64.2 119.2
130 98.6 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

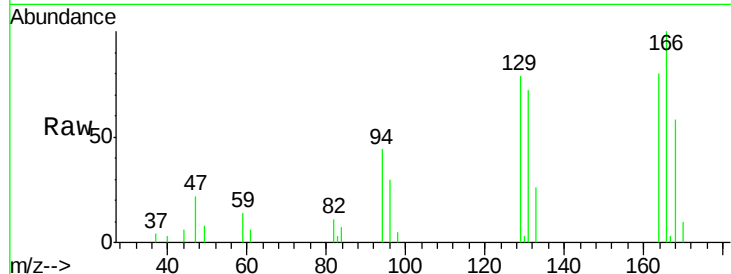




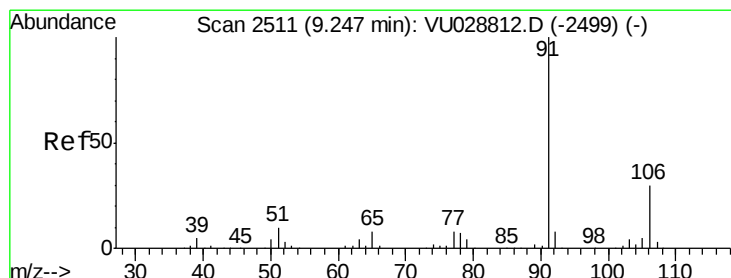
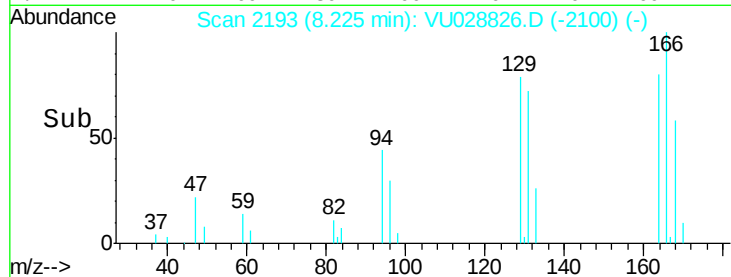
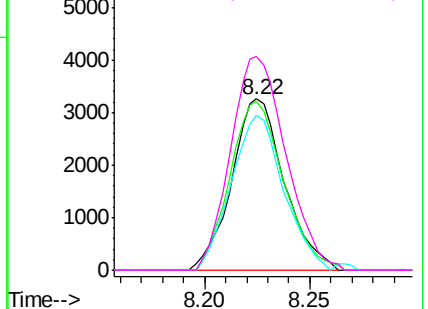
#46
Tetrachloroethene
Concen: 4.299 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Instrument :
MSVOA_U
ClientSampleId :
C0JG7ME

Tgt Ion:164 Resp: 5658
Ion Ratio Lower Upper
164 100
129 98.5 66.8 124.0
131 90.3 64.2 119.2
166 124.6 90.8 168.6

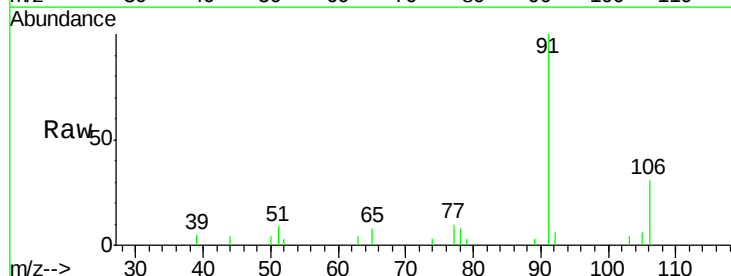


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

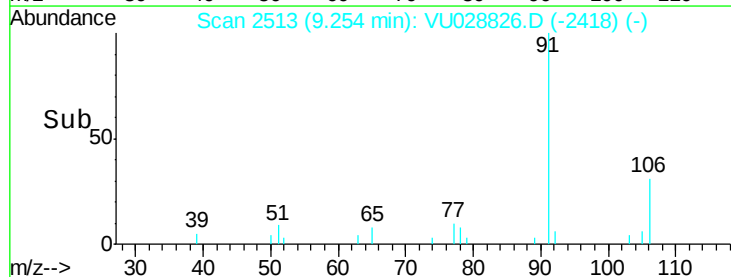
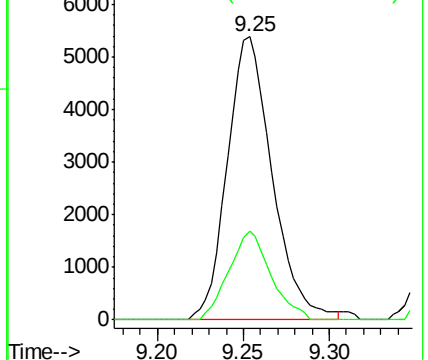


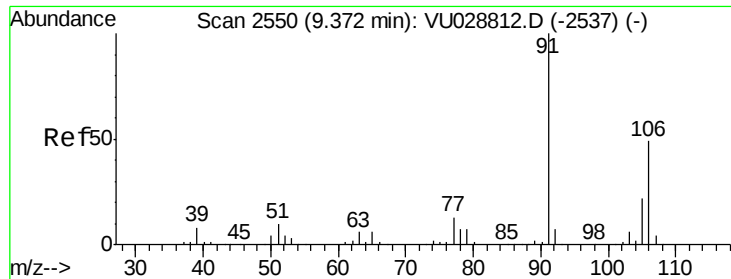
#52
Ethylbenzene
Concen: 1.276 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Tgt Ion: 91 Resp: 9836
Ion Ratio Lower Upper
91 100
106 31.3 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

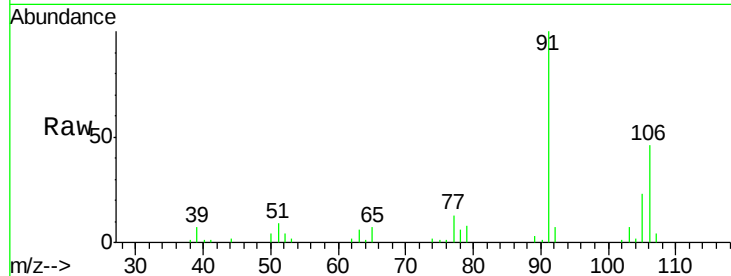




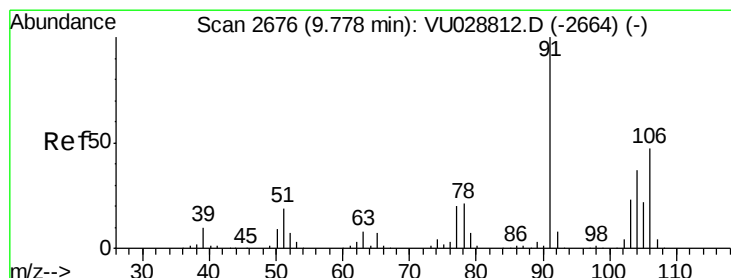
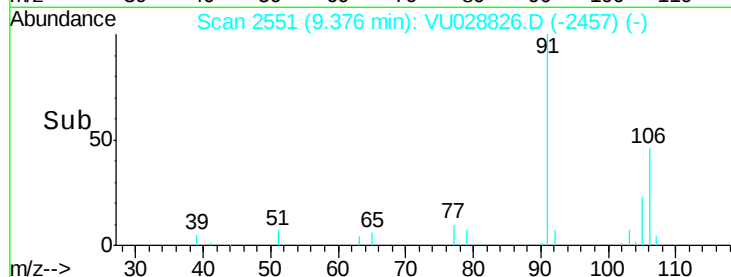
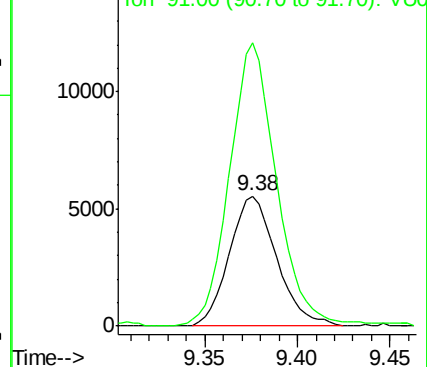
#53
m,p-Xylene
Concen: 3.457 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Instrument :
MSVOA_U
ClientSampleId :
C0JG7ME

Tgt Ion:106 Resp: 9856
Ion Ratio Lower Upper
106 100
91 217.6 144.1 267.5

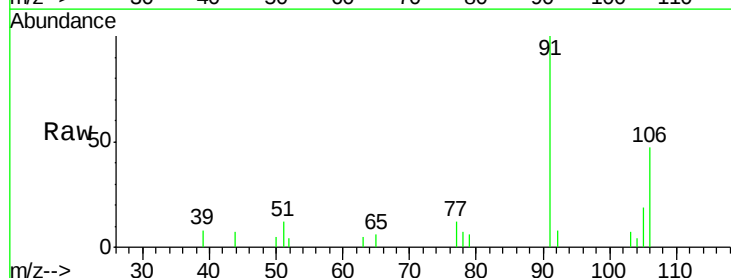


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#54
o-xylene
Concen: 1.148 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028826.D
Acq: 20 Dec 2018 15:54

Tgt Ion:106 Resp: 3281
Ion Ratio Lower Upper
106 100
91 214.4 150.4 279.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

