

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028850.D
 Acq On : 21 Dec 2018 01:32
 Operator : MD/SY
 Sample : J6513-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F57

Quant Time: Dec 21 07:31:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	242533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97399	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74426	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.56%
7) Chloroethane-d5	1.68	69	61365	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.72%
11) 1,1-Dichloroethene-d2	2.27	63	98075	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.17	46	130185	95.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.57%
24) Chloroform-d	4.65	84	131976	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.32%
26) 1,2-Dichloroethane-d4	5.31	65	84242	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.34	84	286126	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.33	67	99800	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.86%
41) Toluene-d8	7.57	98	257974	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.85	79	43667	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.31	63	107874	105.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	138848	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	93612	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%

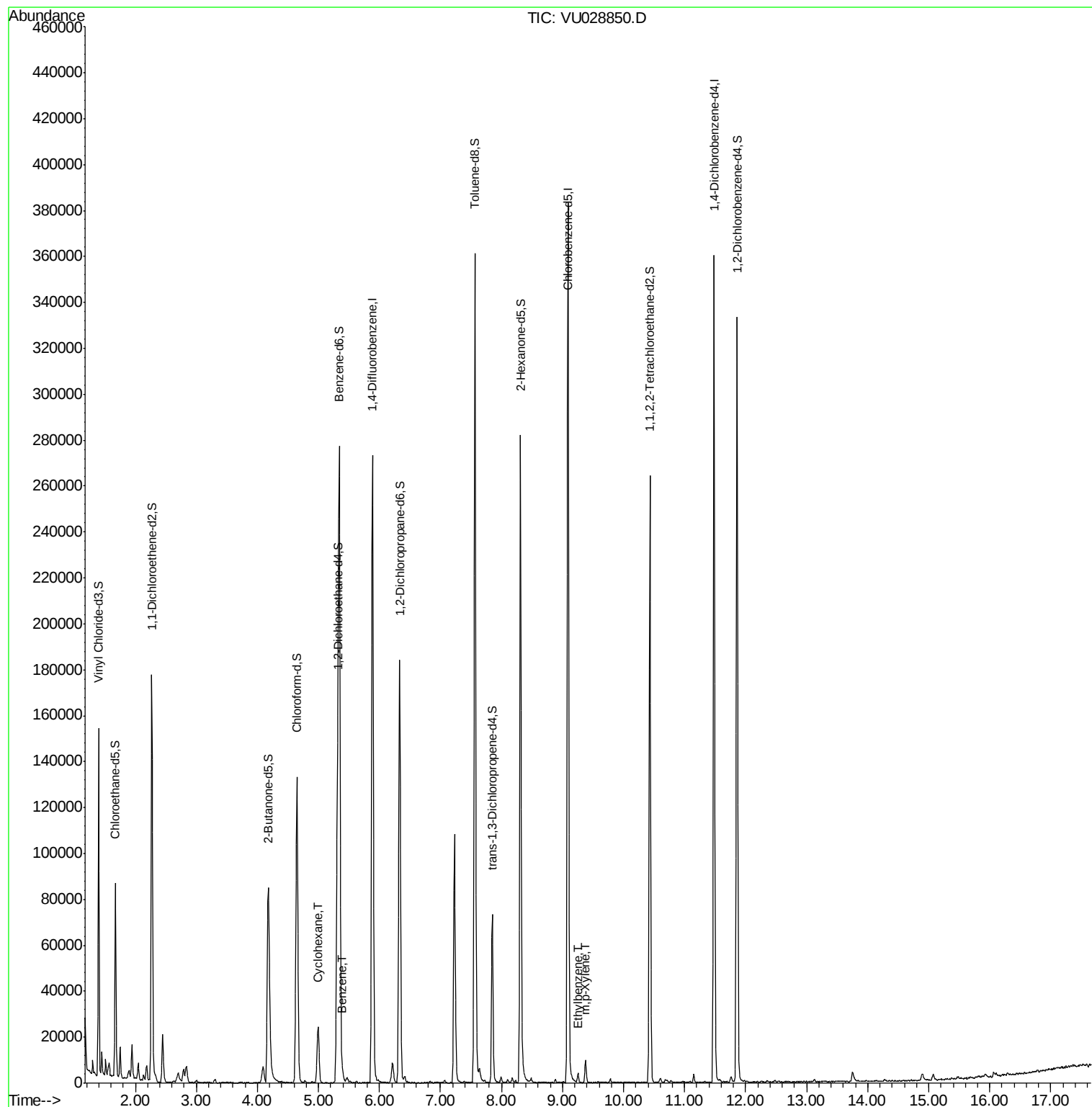
Target Compounds					Qvalue
29) Cyclohexane	4.99	56	14814	4.970 ug/L	99
33) Benzene	5.39	78	3976	0.558 ug/L	100
52) Ethylbenzene	9.25	91	3818	0.492 ug/L	88
53) m,p-Xylene	9.38	106	3168	1.103 ug/L	85

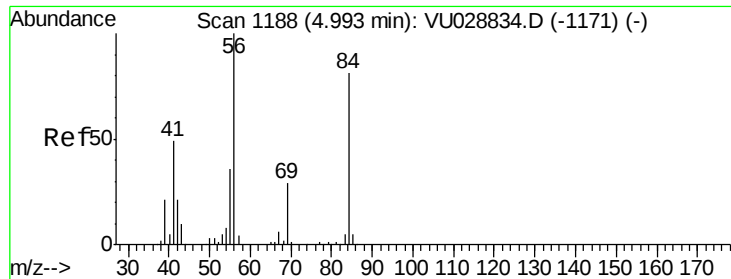
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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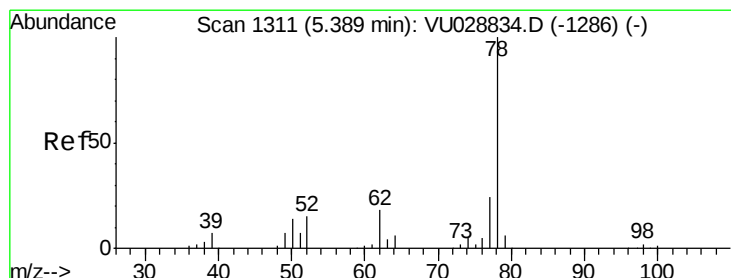
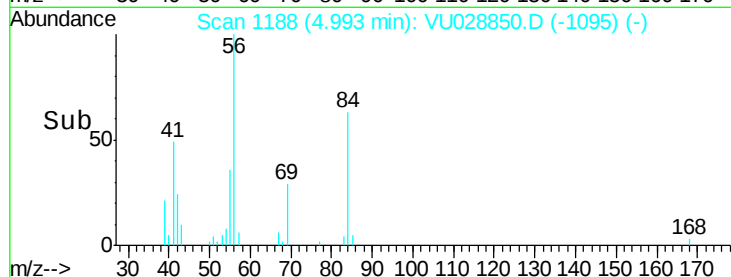
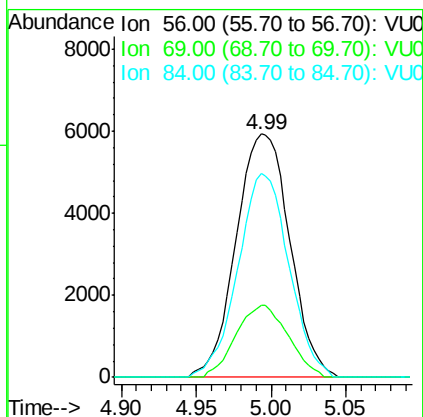
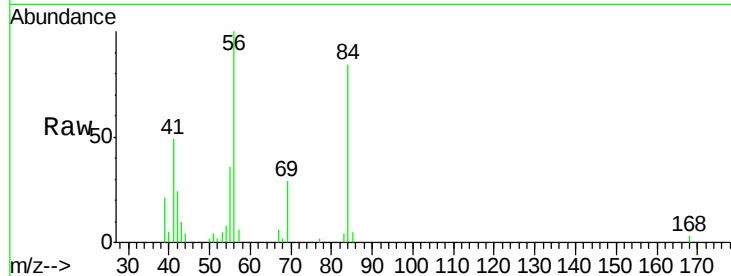




#29
Cyclohexane
Concen: 4.970 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028850.D
Acq: 21 Dec 2018 01:32

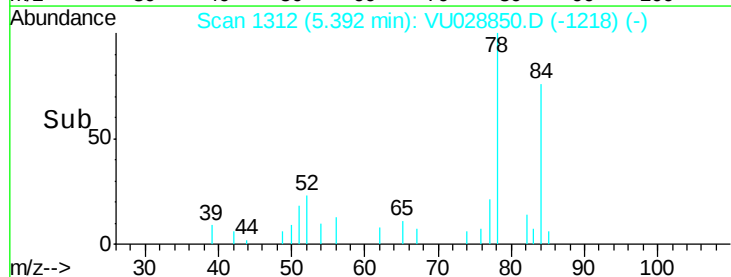
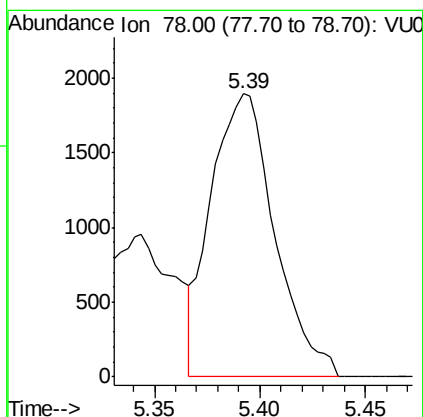
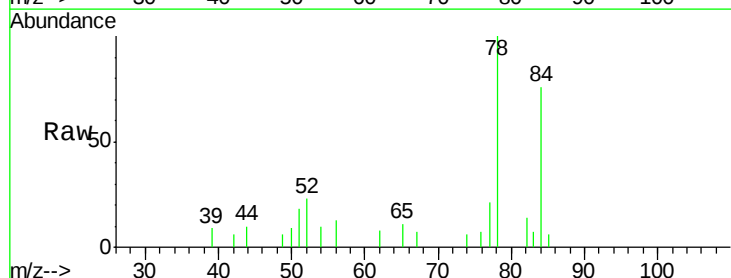
Instrument :
MSVOA_U
ClientSampleId :
F9F57

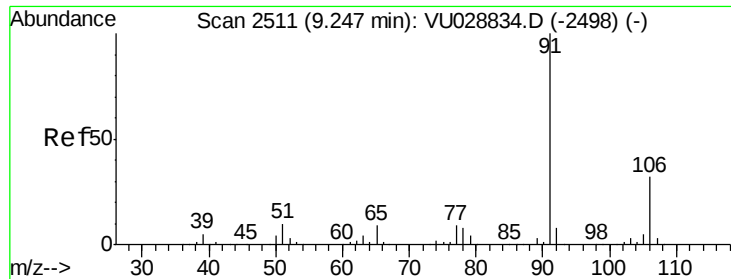
Tgt Ion: 56 Resp: 14814
Ion Ratio Lower Upper
56 100
69 28.7 23.8 35.8
84 79.5 63.8 95.8



#33
Benzene
Concen: 0.558 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028850.D
Acq: 21 Dec 2018 01:32

Tgt Ion: 78 Resp: 3976





#52

Ethylbenzene

Concen: 0.492 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028850.D

Acq: 21 Dec 2018 01:32

Instrument :

MSVOA_U

ClientSampleId :

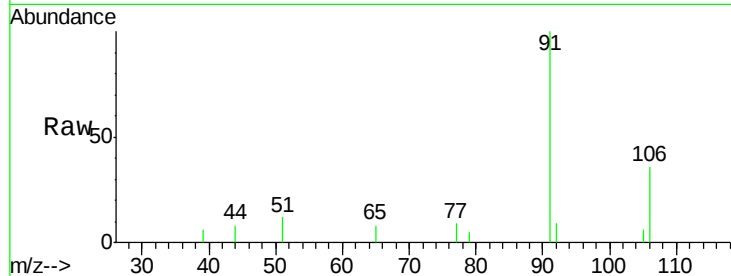
F9F57

Tgt Ion: 91 Resp: 3818

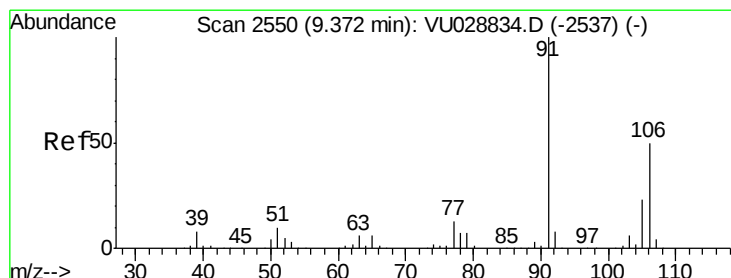
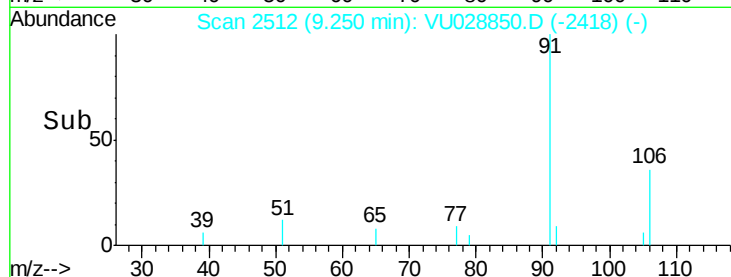
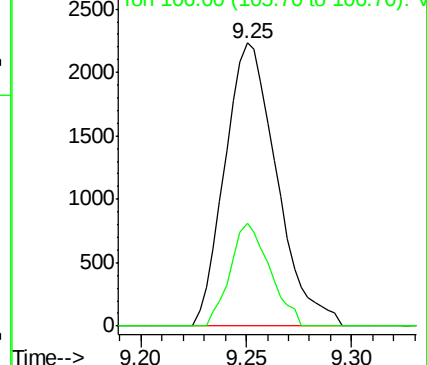
Ion Ratio Lower Upper

91 100

106 36.3 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU028834.D (-2498) (-)



#53

m,p-Xylene

Concen: 1.103 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VU028850.D

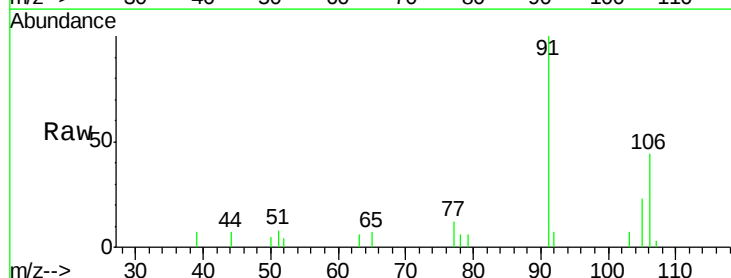
Acq: 21 Dec 2018 01:32

Tgt Ion: 106 Resp: 3168

Ion Ratio Lower Upper

106 100

91 229.3 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028850.D (-2457) (-)

