

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034770.D
 Acq On : 24 Sep 2019 14:51
 Operator : JC/SP
 Sample : K4984-11 10X
 Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM6

Quant Time: Sep 25 03:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	451553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	440531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	208918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	188919	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.74%
7) Chloroethane-d5	1.66	69	165457	46.31	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.25	63	258164	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	4.15	46	387035	109.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.62	84	329574	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	5.28	65	233661	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.32	84	706044	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
36) 1,2-Dichloropropane-d6	6.31	67	249732	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.66%
41) Toluene-d8	7.54	98	684496	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%
43) trans-1,3-Dichloropropene-	7.83	79	111047	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.16%
47) 2-Hexanone-d5	8.29	63	269834	112.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349058	52.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.42%
64) 1,2-Dichlorobenzene-d4	11.84	152	241097	55.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.06%

Target Compounds

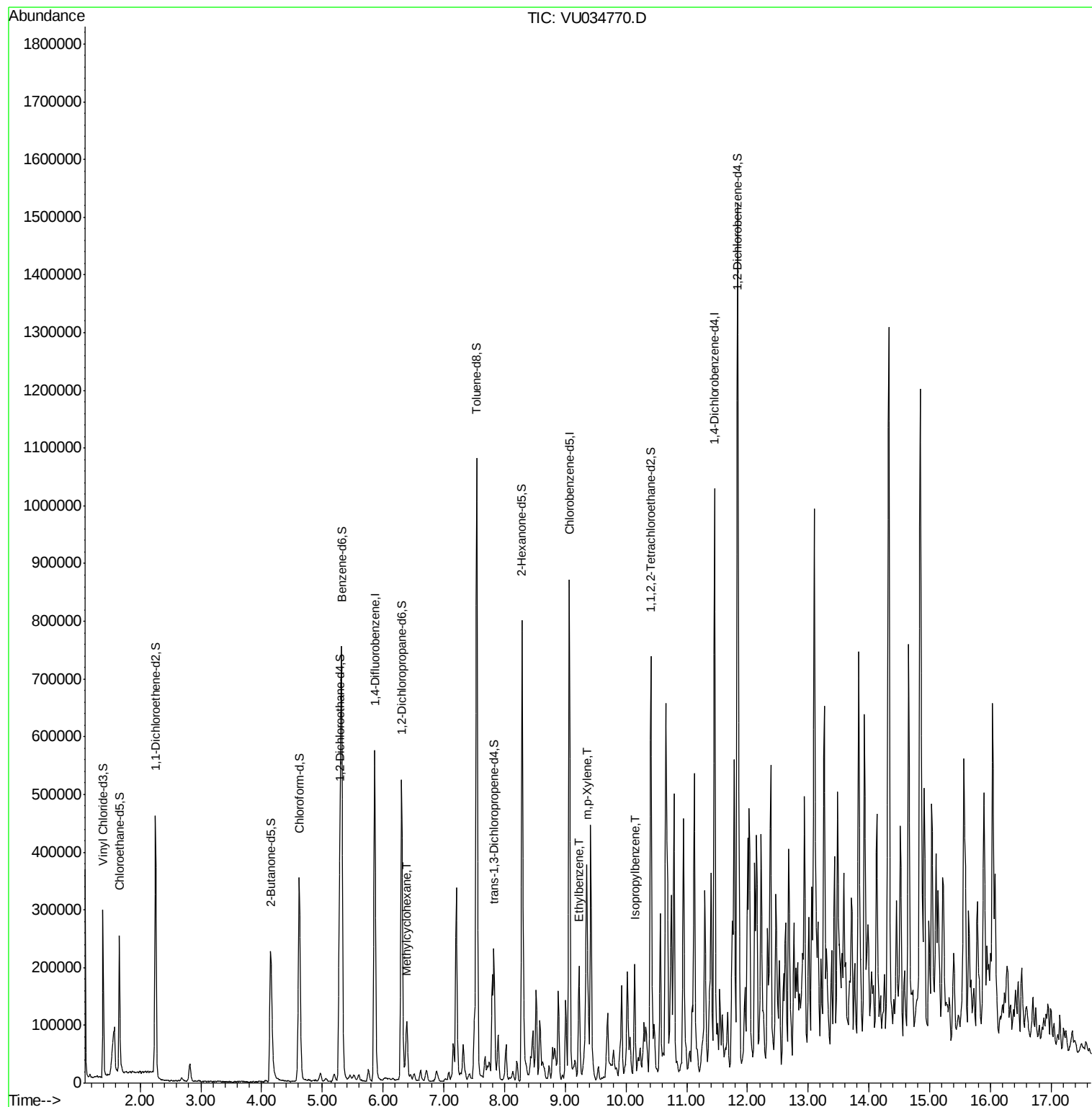
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.39	83	42202	6.591	ug/L	96
52) Ethylbenzene	9.23	91	115292	6.200	ug/L	99
53) m,p-Xylene	9.35	106	93988	14.271	ug/L	93
56) Isopropylbenzene	10.14	105	111254	6.334	ug/L	97

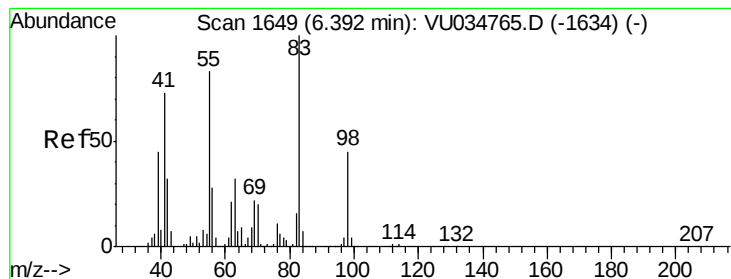
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methvlcvclohexane

Concen: 6.591 ug/L

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

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BEDM6

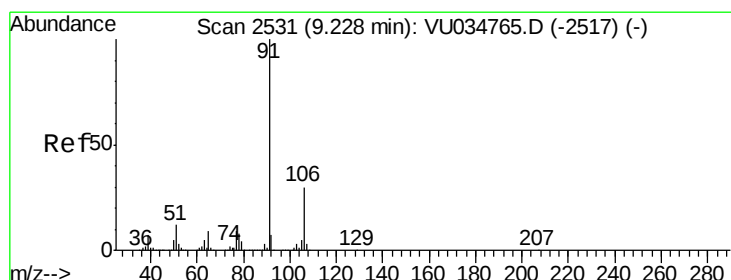
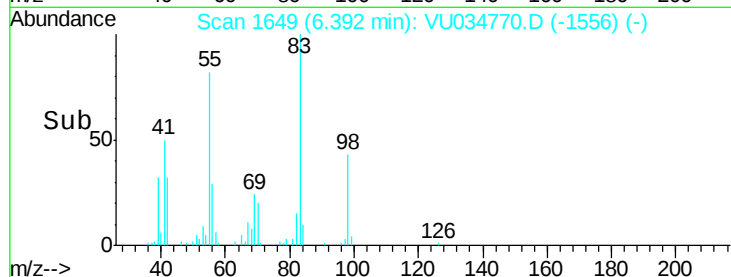
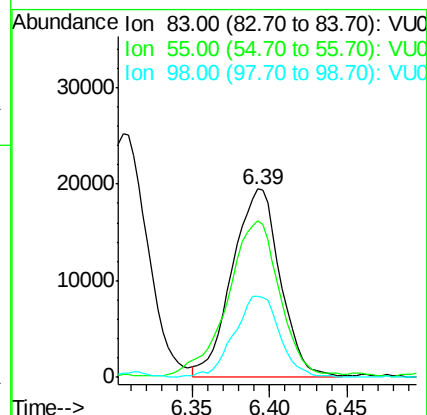
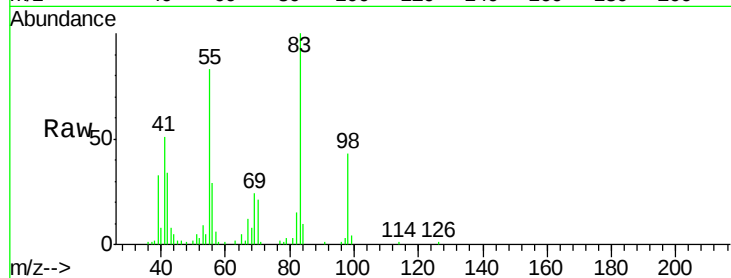
Tot Ion: 83 Resp: 42202

Ion Ratio Lower Upper

83 100

55 87.7 71.6 107.4

98 40.0 35.7 53.5



#52

Ethylbenzene

Concen: 6.200 ug/L

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034770.D

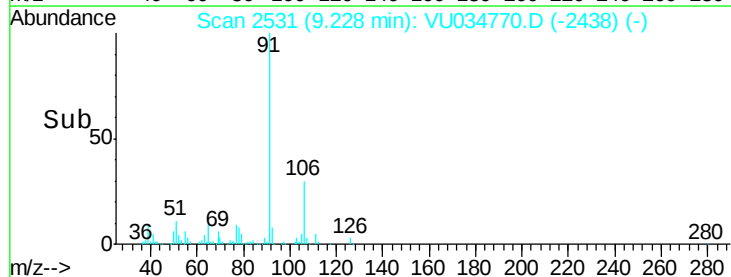
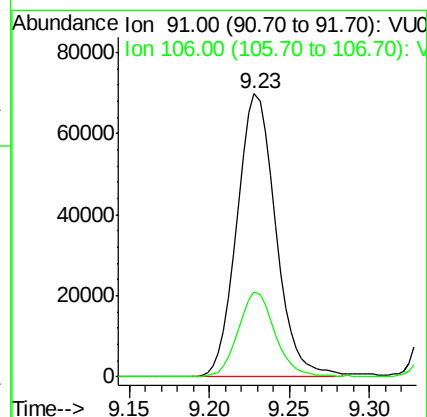
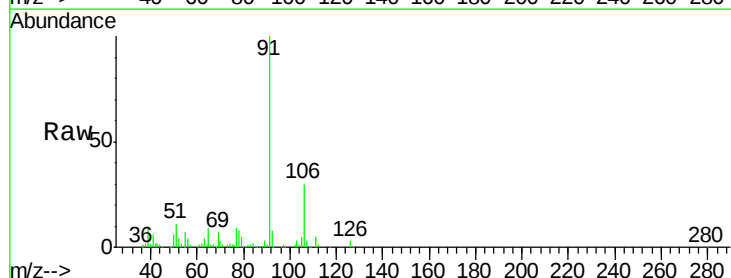
Acq: 24 Sep 2019 14:51

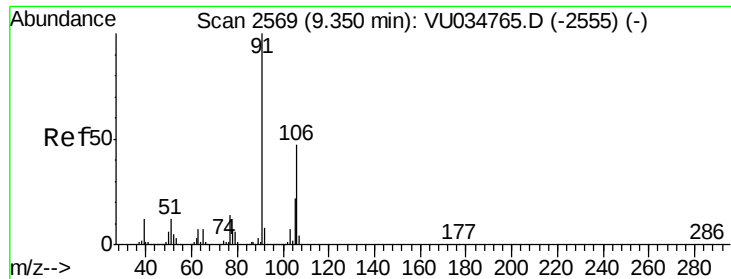
Tgt Ion: 91 Resp: 115292

Ion Ratio Lower Upper

91 100

106 29.8 20.6 38.4





#53

m,p-Xylene

Concen: 14.271 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU034770.D

Acq: 24 Sep 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

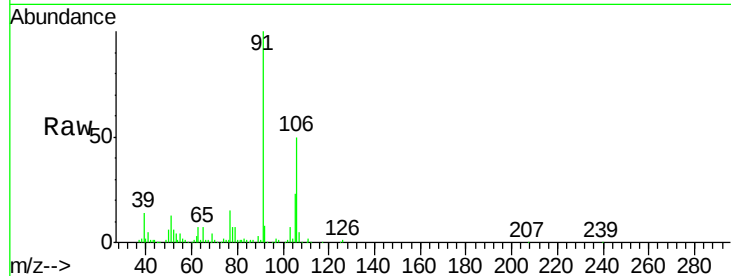
BEDM6

Tot Ion:106 Resp: 93988

Ion Ratio Lower Upper

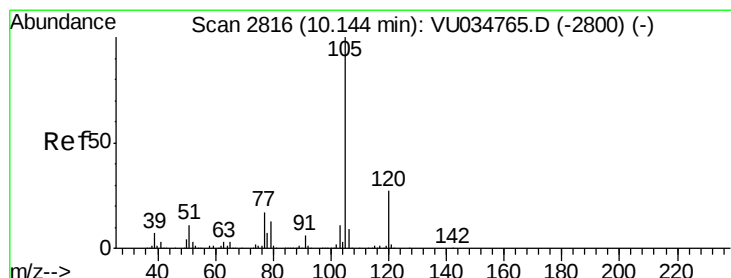
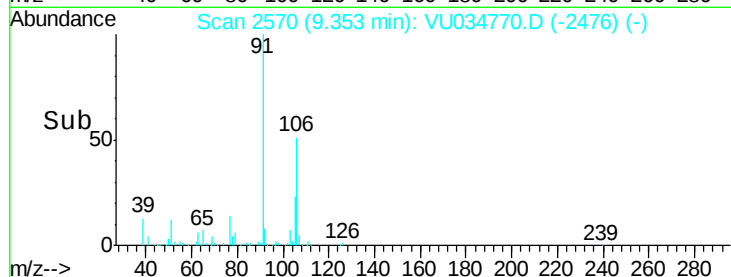
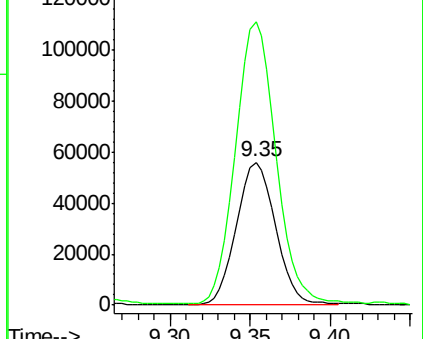
106 100

91 198.3 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 6.334 ug/L

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034770.D

Acq: 24 Sep 2019 14:51

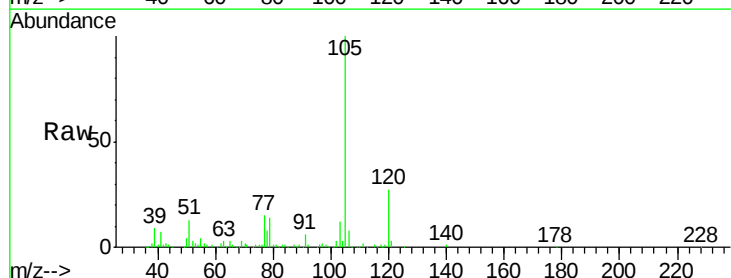
Tgt Ion:105 Resp: 111254

Ion Ratio Lower Upper

105 100

120 26.9 20.4 30.6

77 15.8 14.2 21.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

