

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030496.D
 Acq On : 27 Mar 2019 20:18
 Operator : JC/SP
 Sample : K2063-10DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S3DL

Quant Time: Mar 28 04:10:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 02:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158171	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.80%
7) Chloroethane-d5	1.67	69	134398	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.27	63	228507	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.17	46	326284	99.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.63%
24) Chloroform-d	4.64	84	283626	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	198697	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	575523	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
36) 1,2-Dichloropropane-d6	6.33	67	209035	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.56	98	486569	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	89725	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.31	63	214618	100.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283347	50.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	167670	49.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.42%

Target Compounds

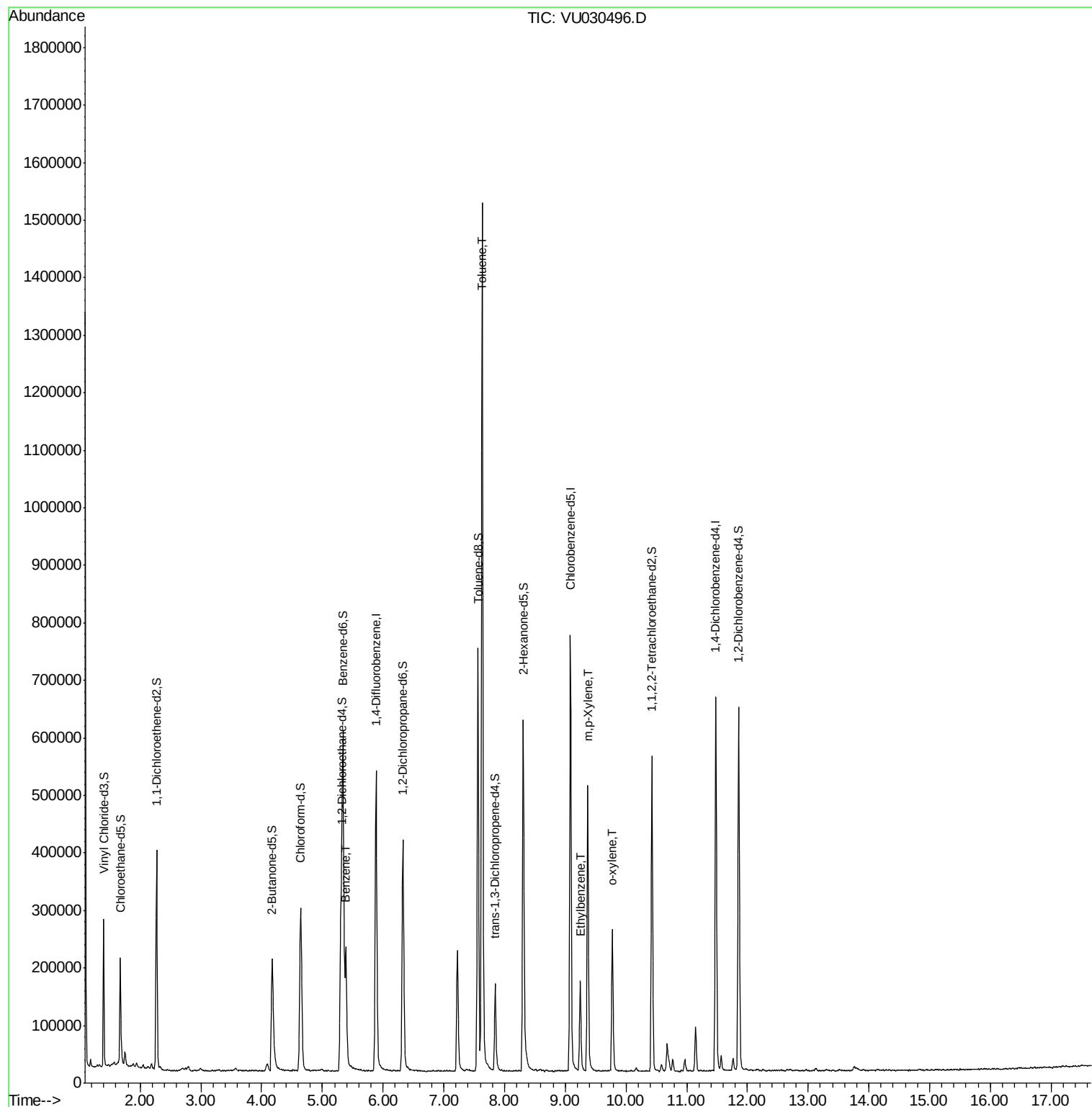
					Ovalue
33) Benzene	5.39	78	202800	14.797 ug/L	100
42) Toluene	7.63	91	1094371	76.939 ug/L	99
52) Ethylbenzene	9.25	91	111616	7.244 ug/L	99
53) m,p-Xylene	9.37	106	137861	24.779 ug/L	100
54) o-xylene	9.77	106	64984	11.971 ug/L	99

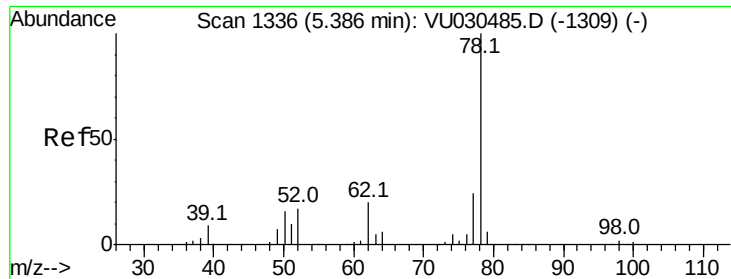
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 14.797 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

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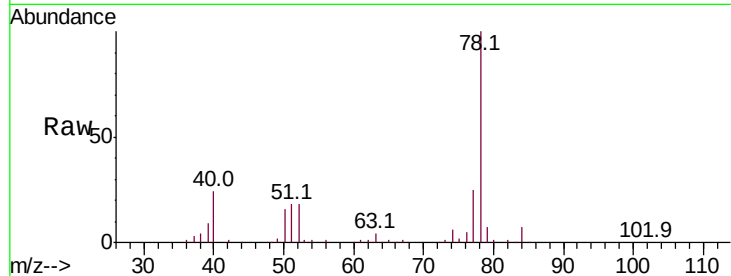
Instrument :

MSVOA_U

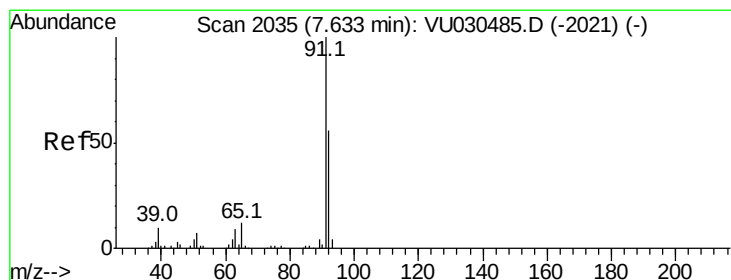
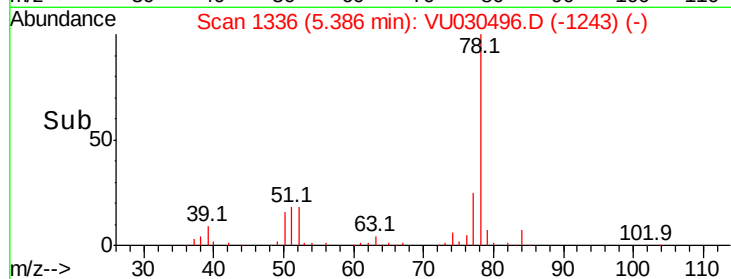
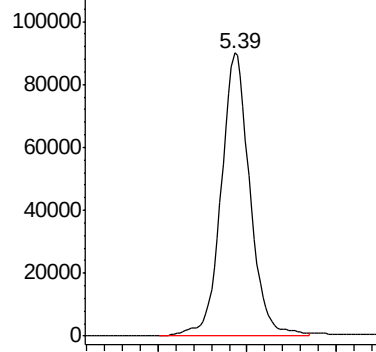
ClientSampleId :

DB6S3DL

Tgt Ion: 78 Resp: 202800



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 76.939 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030496.D

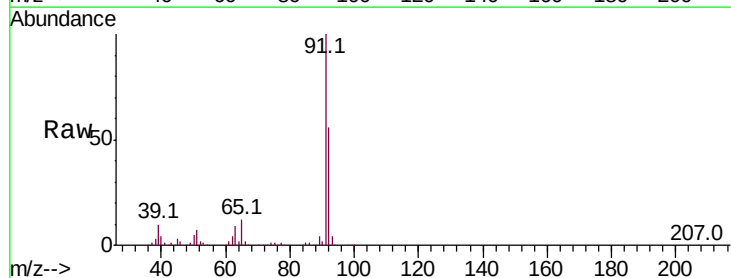
Acq: 27 Mar 2019 20:18

Tgt Ion: 91 Resp: 1094371

Ion Ratio Lower Upper

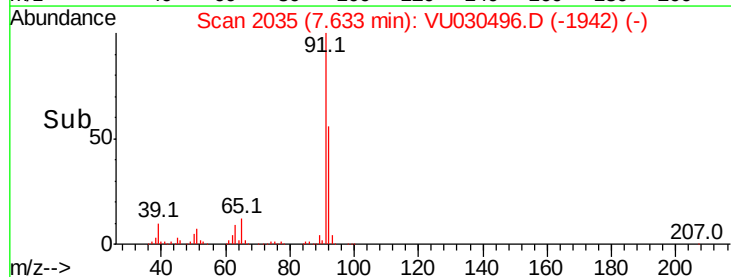
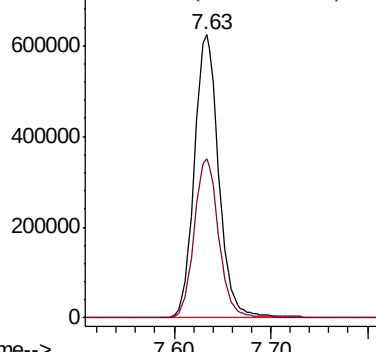
91 100

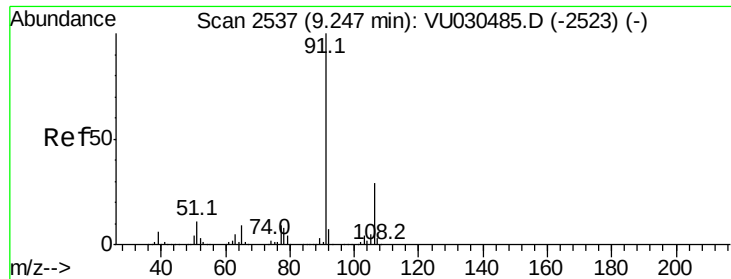
92 56.1 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 7.244 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030496.D

Acq: 27 Mar 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

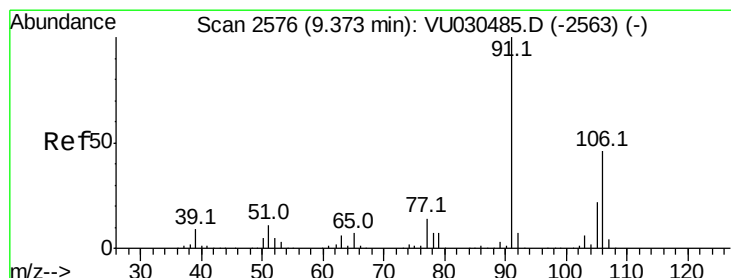
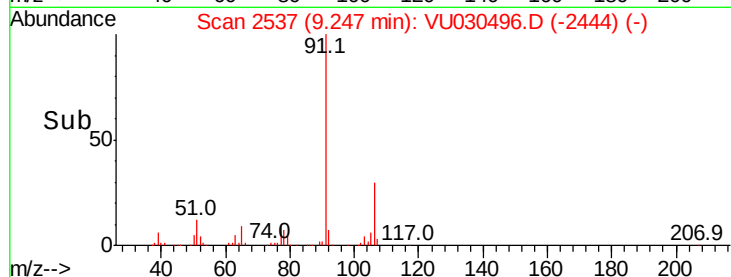
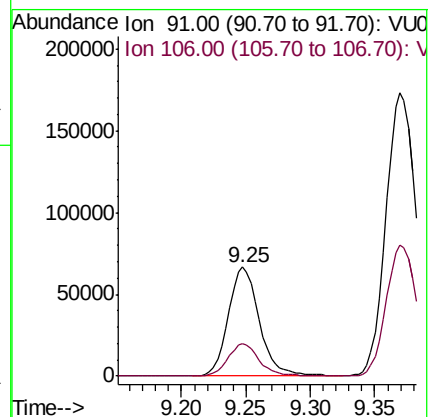
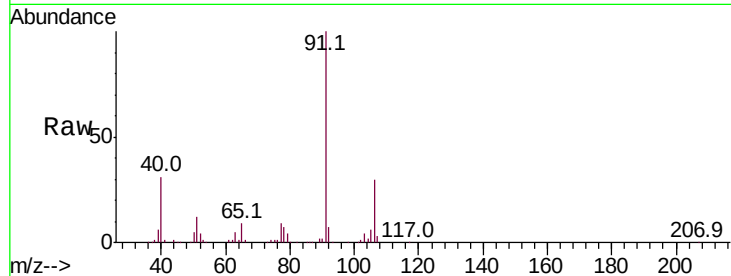
DB6S3DL

Tot Ion: 91 Resp: 111616

Ion Ratio Lower Upper

91 100

106 30.0 20.6 38.2



#53

m,p-Xylene

Concen: 24.779 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030496.D

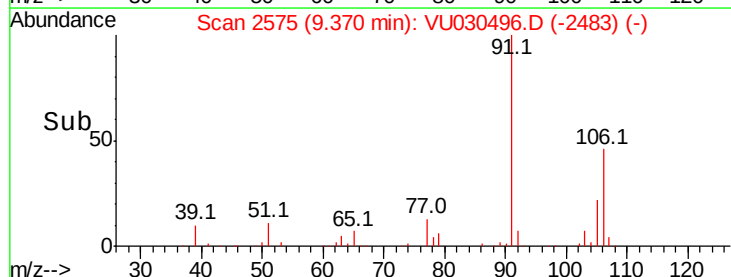
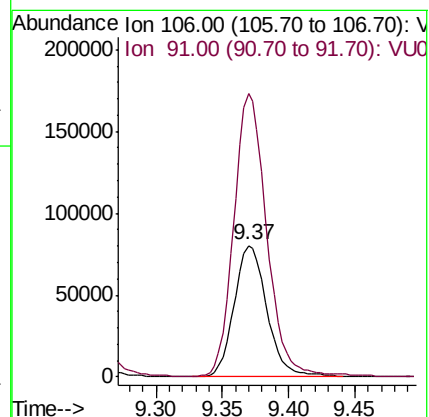
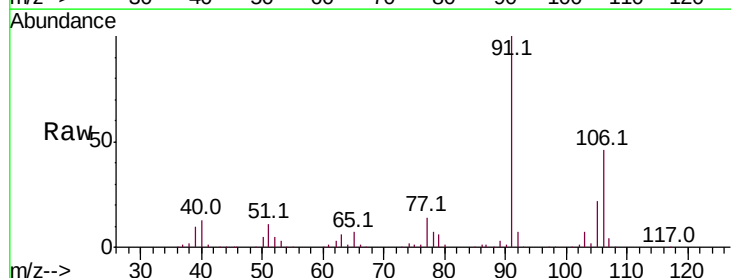
Acq: 27 Mar 2019 20:18

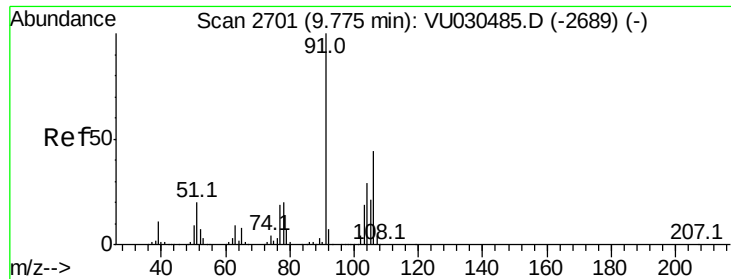
Tgt Ion: 106 Resp: 137861

Ion Ratio Lower Upper

106 100

91 215.9 151.2 280.8





#54
o-xylene
Concen: 11.971 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030496.D
Acq: 27 Mar 2019 20:18

Instrument :
MSVOA_U
ClientSampleId :
DB6S3DL

Tot Ion:106 Resp: 64984
Ion Ratio Lower Upper
106 100
91 226.1 159.6 296.4

