

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U032719\
 Data File : VU030480.D
 Acq On : 27 Mar 2019 13:56
 Operator : JC/SP
 Sample : K2063-15DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2DL

Quant Time: Mar 28 02:18:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:25:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	439018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159785	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.44%
7) Chloroethane-d5	1.68	69	139570	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.68%
11) 1,1-Dichloroethene-d2	2.27	63	235449	35.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.26%
21) 2-Butanone-d5	4.17	46	334993	100.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.64	84	296513	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.31	65	208496	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.34	84	593751	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.33	67	215168	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.82%
41) Toluene-d8	7.56	98	508671	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%
43) trans-1,3-Dichloropropene-	7.85	79	94039	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
47) 2-Hexanone-d5	8.31	63	212844	96.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290269	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	176708	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

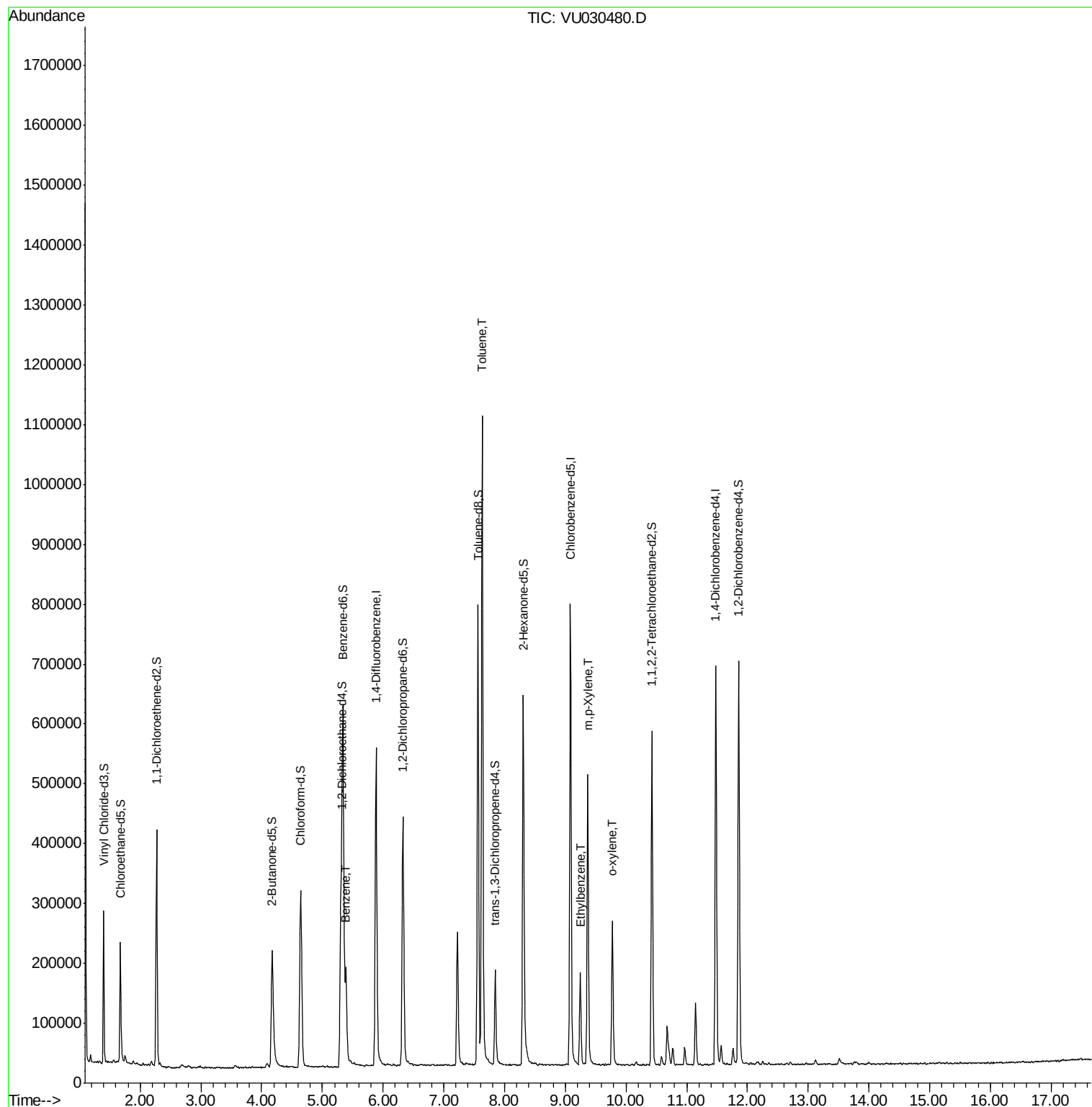
					Ovalue
33) Benzene	5.39	78	156476	11.090	ug/L 100
42) Toluene	7.63	91	790529	53.986	ug/L 100
52) Ethylbenzene	9.25	91	109674	6.914	ug/L 99
53) m,p-Xylene	9.37	106	134386	23.463	ug/L 100
54) o-xylene	9.78	106	62840	11.244	ug/L 96

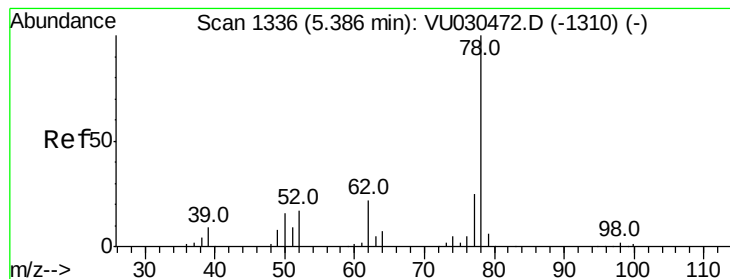
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 11.090 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU030480.D

Acq: 27 Mar 2019 13:56

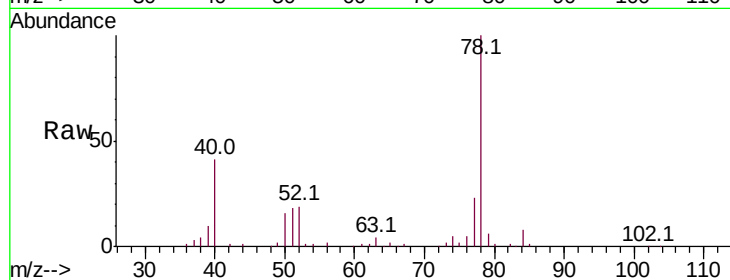
Instrument :

MSVOA_U

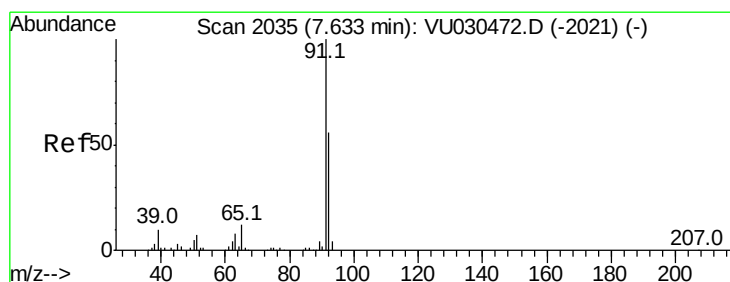
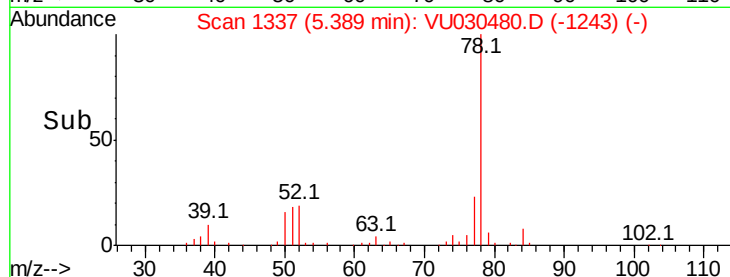
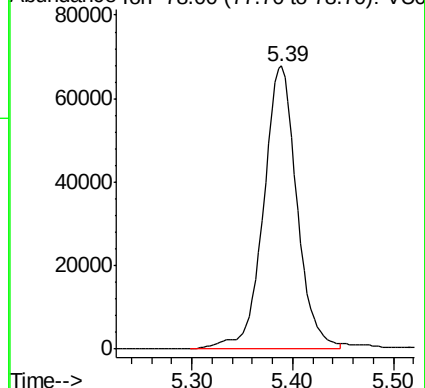
ClientSampleId :

DB6S2DL

Tgt Ion: 78 Resp: 156476



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 53.986 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030480.D

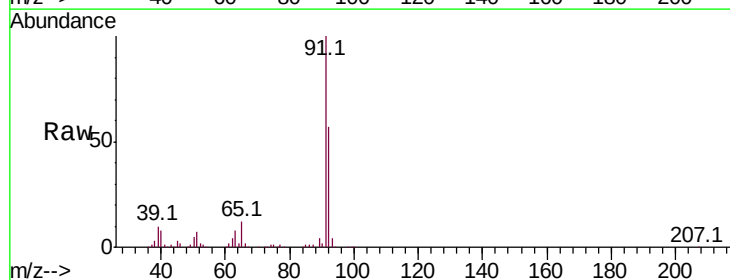
Acq: 27 Mar 2019 13:56

Tgt Ion: 91 Resp: 790529

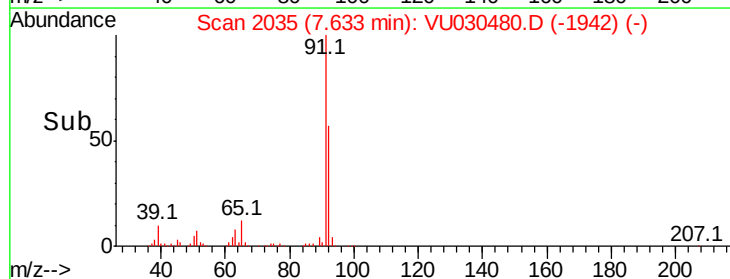
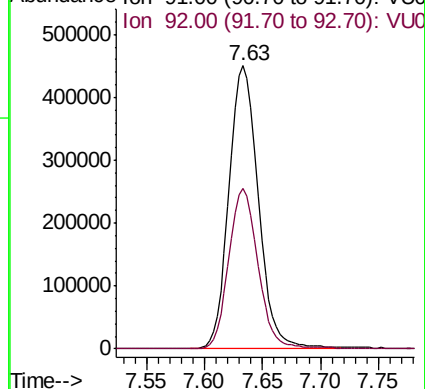
Ion Ratio Lower Upper

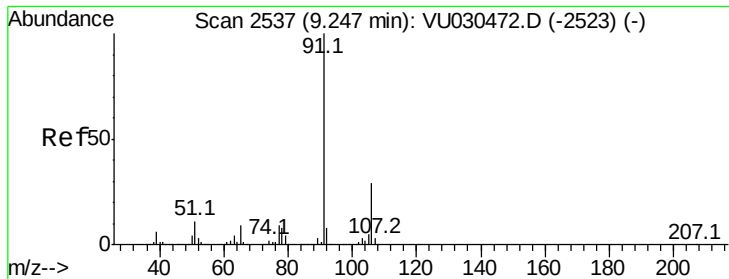
91 100

92 56.8 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0





#52

Ethylbenzene

Concen: 6.914 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030480.D

Acq: 27 Mar 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

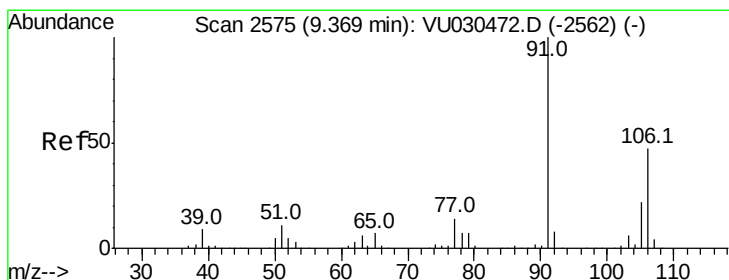
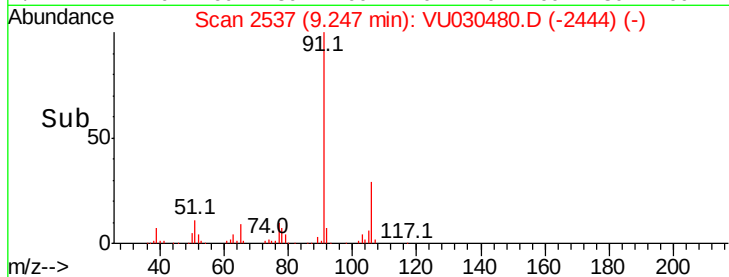
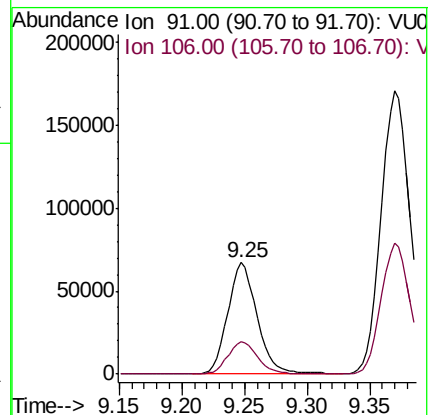
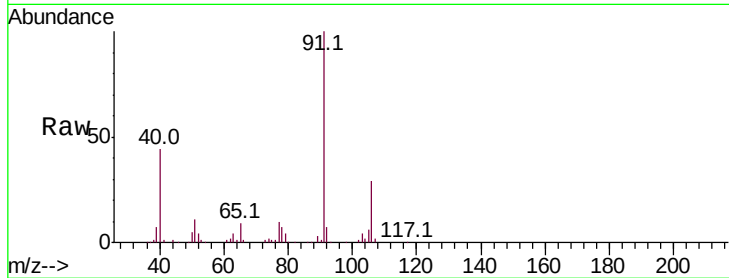
DB6S2DL

Tot Ion: 91 Resp: 109674

Ion Ratio Lower Upper

91 100

106 28.7 20.6 38.2



#53

m,p-Xylene

Concen: 23.463 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030480.D

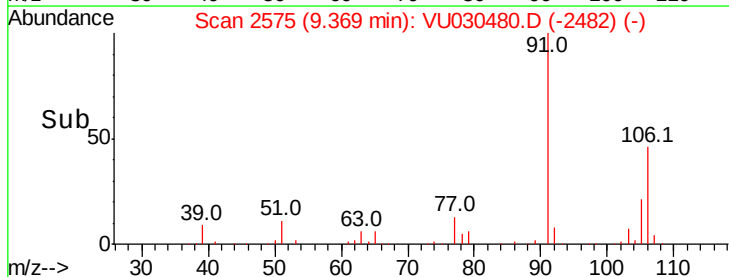
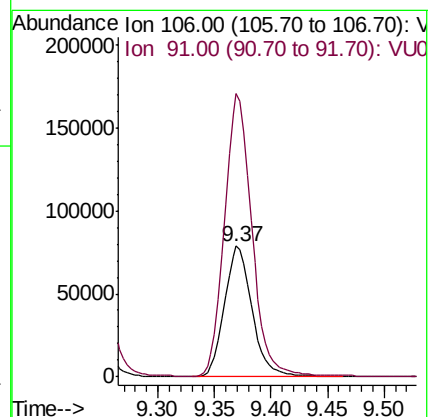
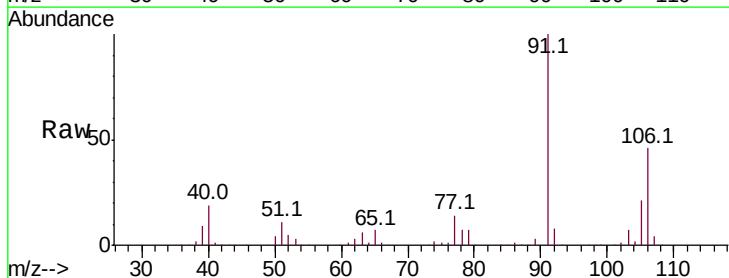
Acq: 27 Mar 2019 13:56

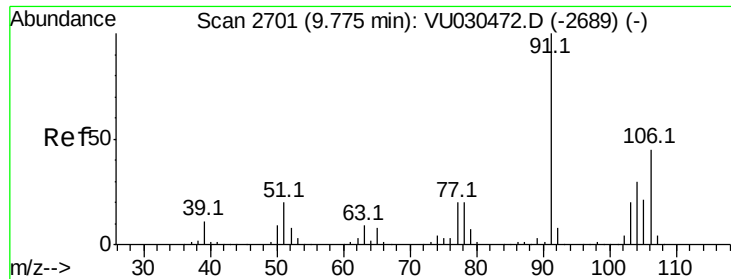
Tgt Ion: 106 Resp: 134386

Ion Ratio Lower Upper

106 100

91 216.4 151.2 280.8





#54
o-xylene
Concen: 11.244 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU030480.D
Acq: 27 Mar 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DB6S2DL

Tot Ion:106 Resp: 62840
Ion Ratio Lower Upper
106 100
91 235.3 159.6 296.4

