

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031361.D
 Acq On : 19 Apr 2019 16:01
 Operator : JC/SP
 Sample : K2455-02
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHQ4

Quant Time: Apr 22 10:21:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 23:12:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	630705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	293123	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	173495	29.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.74%#
7) Chloroethane-d5	1.68	69	121635	24.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.24%#
11) 1,1-Dichloroethene-d2	2.24	63	279903	24.33	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.66%#
21) 2-Butanone-d5	4.21	46	357165	84.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.43%
24) Chloroform-d	4.64	84	320454	33.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.14%#
26) 1,2-Dichloroethane-d4	5.31	65	188873	31.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.30%#
32) Benzene-d6	5.33	84	623899	34.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.38%#
36) 1,2-Dichloropropane-d6	6.32	67	221665	37.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.86%
41) Toluene-d8	7.56	98	592721	36.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.82%#
43) trans-1,3-Dichloropropene-	7.85	79	103282	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
47) 2-Hexanone-d5	8.34	63	248203	88.77	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	297152	36.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	240776	35.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.64%#

Target Compounds

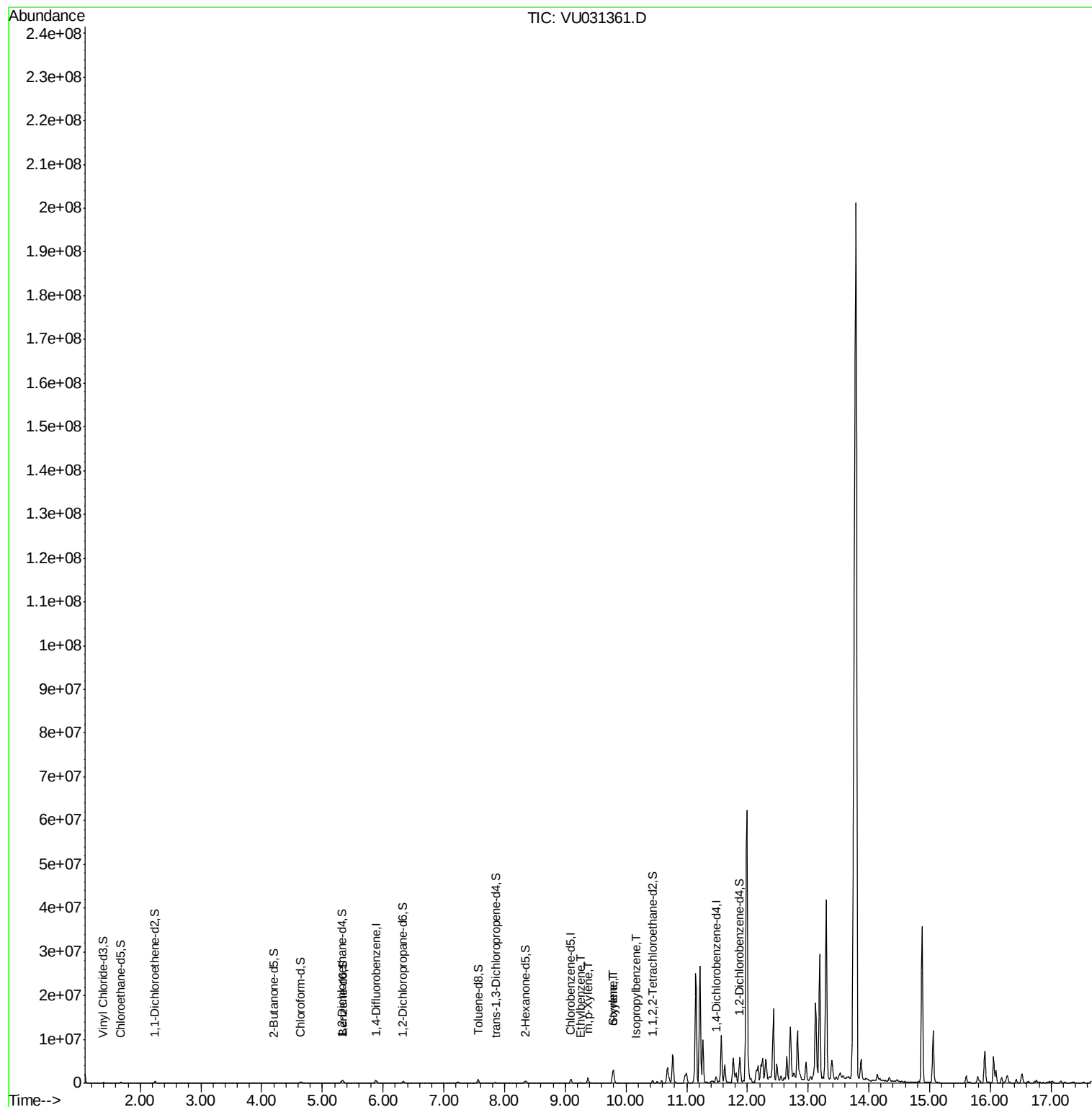
					Ovalue
52) Ethylbenzene	9.25	91	100437	4.777	ug/L 100
53) m,p-Xylene	9.37	106	363640	49.010	ug/L 99
54) o-xylene	9.78	106	440124	58.576	ug/L 96
55) Styrene	9.80	104	1187613	93.635	ug/L 97
56) Isopropylbenzene	10.17	105	31348	1.628	ug/L 98

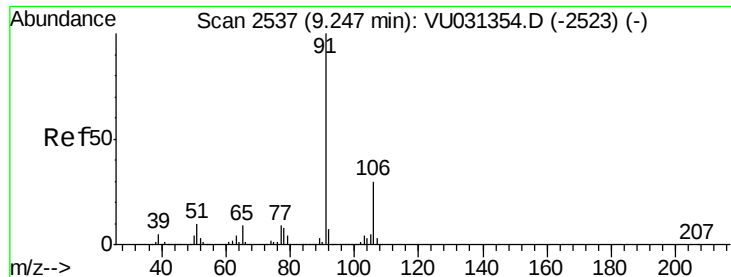
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAHQ4

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QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 4.777 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031361.D

Acq: 19 Apr 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

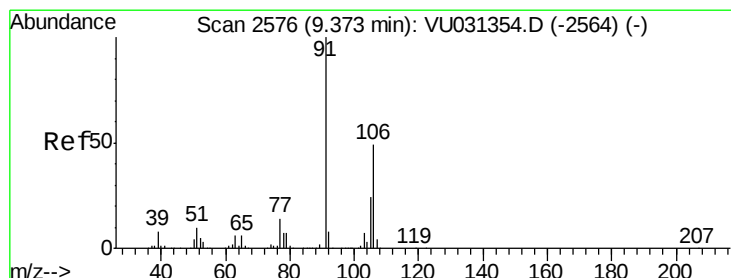
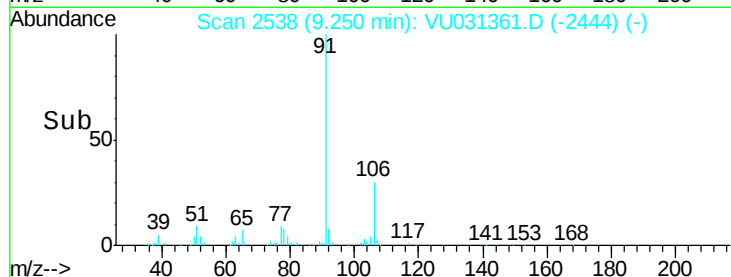
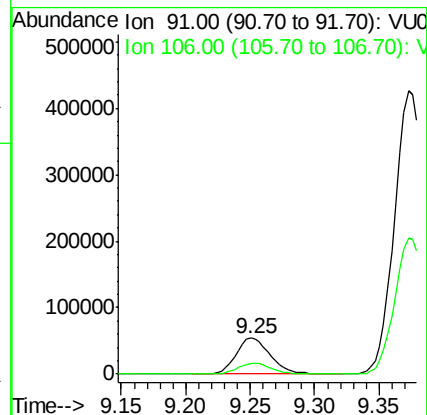
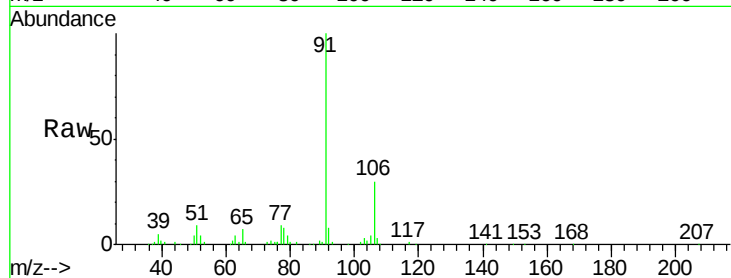
GAHQ4

Tot Ion: 91 Resp: 100437

Ion Ratio Lower Upper

91 100

106 29.7 20.9 38.7



#53

m,p-Xylene

Concen: 49.010 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU031361.D

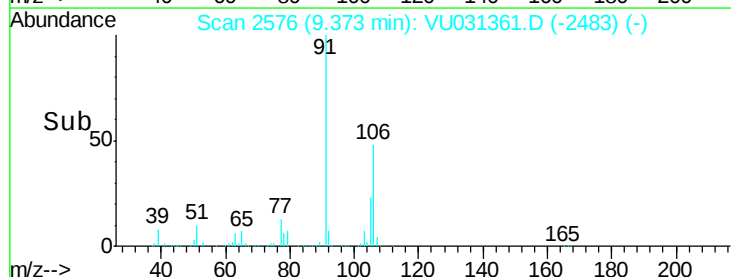
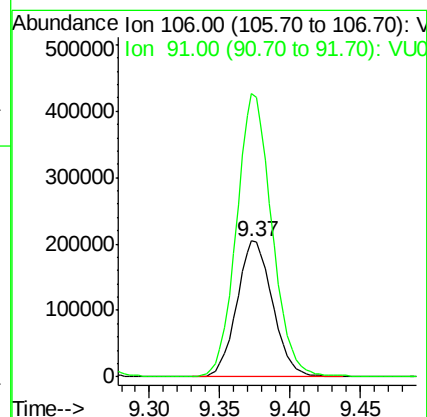
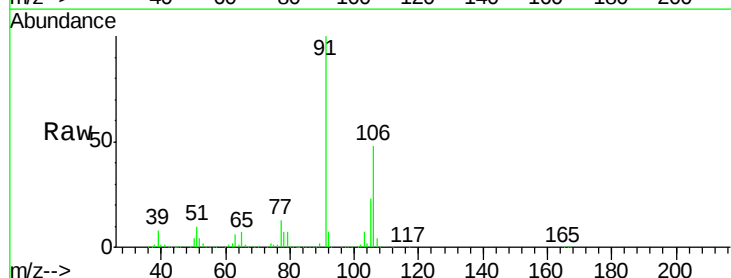
Acq: 19 Apr 2019 16:01

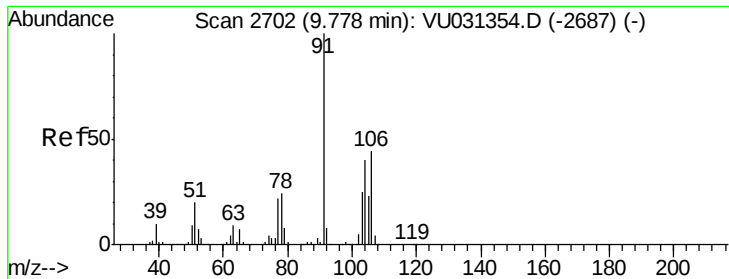
Tgt Ion: 106 Resp: 363640

Ion Ratio Lower Upper

106 100

91 208.7 144.5 268.4





#54

o-xylene

Concen: 58.576 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU031361.D

Acq: 19 Apr 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

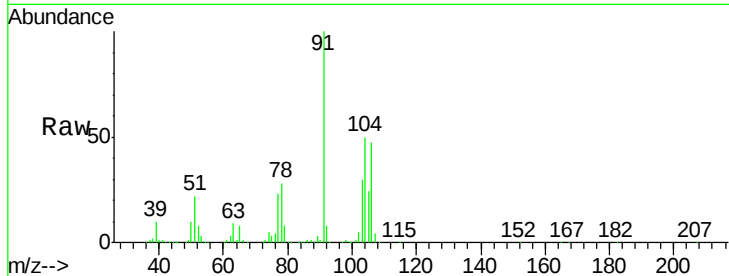
GAHQ4

Tot Ion:106 Resp: 440124

Ion Ratio Lower Upper

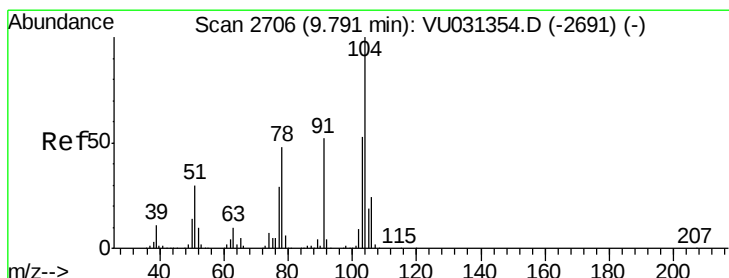
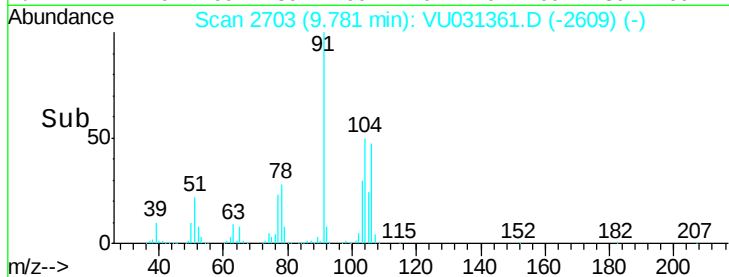
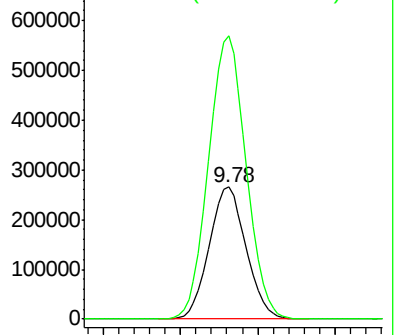
106 100

91 214.5 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 93.635 ug/L

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU031361.D

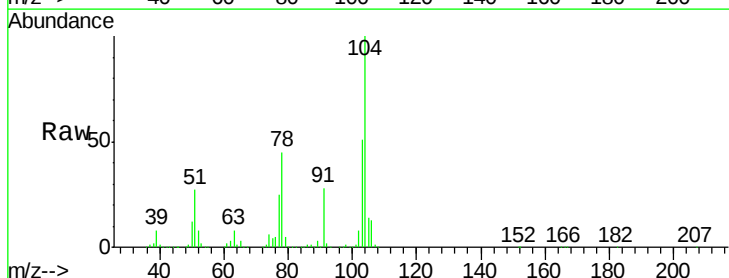
Acq: 19 Apr 2019 16:01

Tgt Ion:104 Resp: 1187613

Ion Ratio Lower Upper

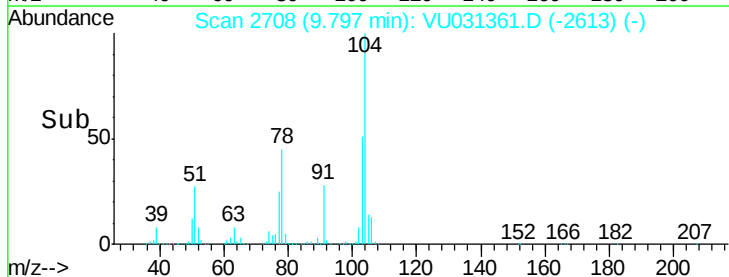
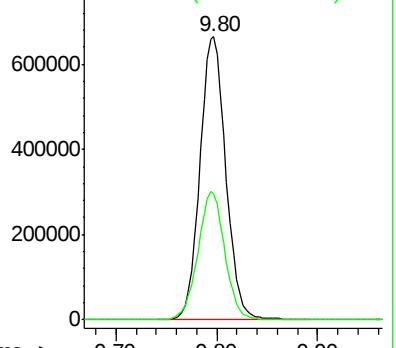
104 100

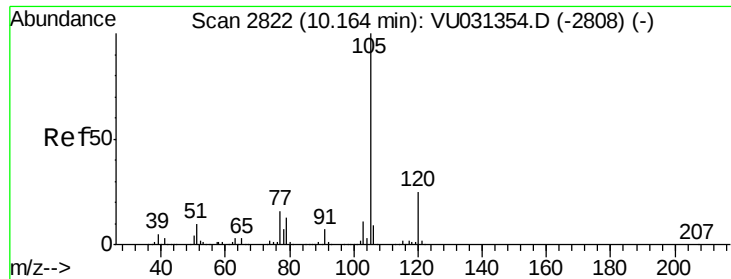
78 44.7 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 1.628 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031361.D

Acq: 19 Apr 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

GAHQ4

Tot Ion:105 Resp: 31348

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 18.2 13.0 19.4

