

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031261.D
 Acq On : 17 Apr 2019 15:50
 Operator : JC/SP
 Sample : K2455-02 5X
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHQ4

Quant Time: Apr 18 06:06:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	325109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176467	30.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.10%
7) Chloroethane-d5	1.68	69	153430	30.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.18%#
11) 1,1-Dichloroethene-d2	2.26	63	253645	22.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.32%#
21) 2-Butanone-d5	4.20	46	350266	83.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.25%
24) Chloroform-d	4.64	84	343236	35.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.22%
26) 1,2-Dichloroethane-d4	5.30	65	221759	37.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.72%
32) Benzene-d6	5.33	84	704842	35.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.66%
36) 1,2-Dichloropropane-d6	6.32	67	220964	34.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.20%#
41) Toluene-d8	7.56	98	616573	35.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.22%#
43) trans-1,3-Dichloropropene-	7.85	79	102793	33.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.36%
47) 2-Hexanone-d5	8.32	63	239766	79.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315816	35.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	259725	34.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.66%#

Target Compounds

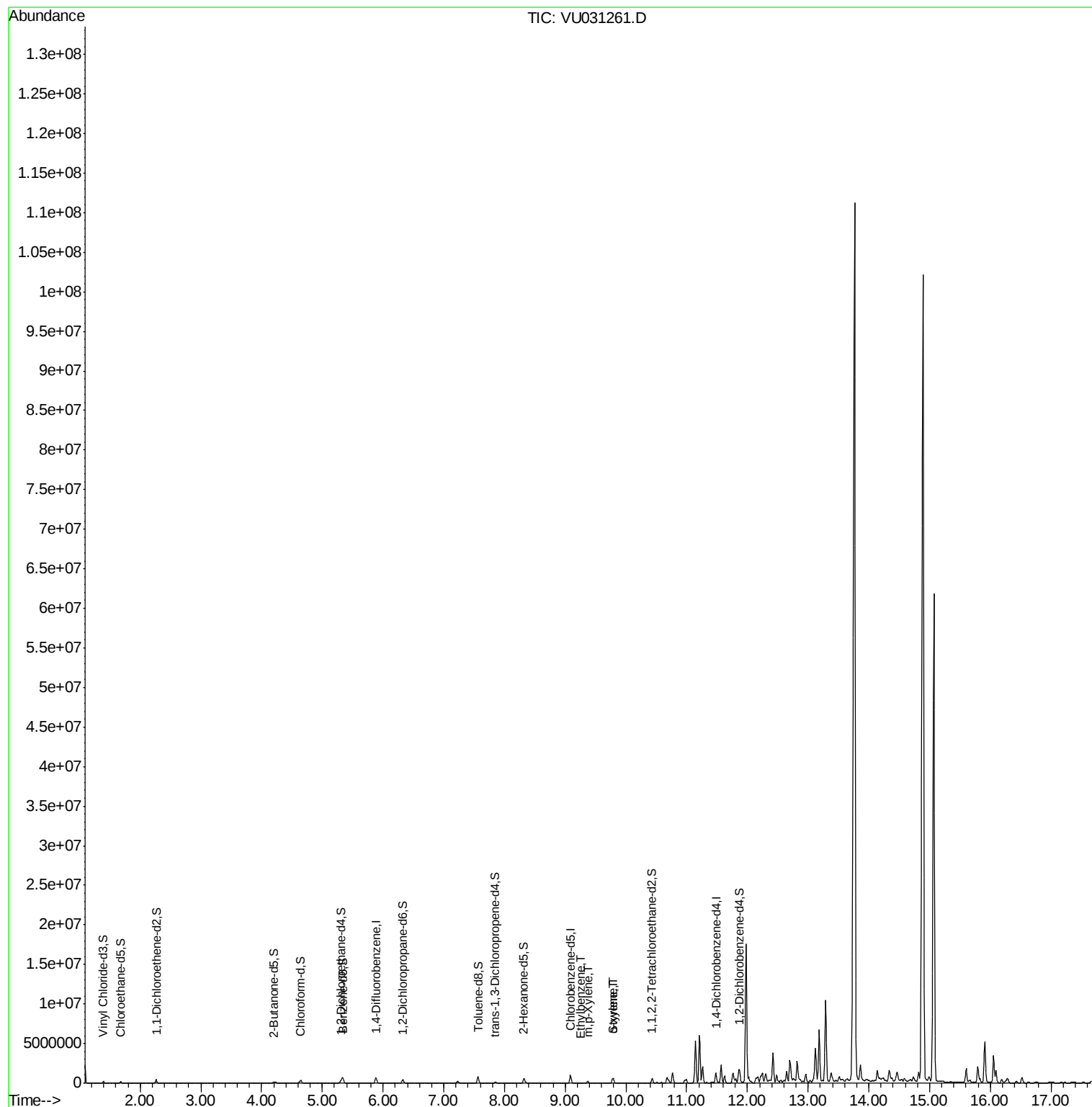
					Ovalue
52) Ethylbenzene	9.25	91	19960	0.881 ug/L	98
53) m,p-Xylene	9.37	106	76207	9.527 ug/L	97
54) o-xylene	9.78	106	91498	11.295 ug/L	96
55) Styrene	9.79	104	243132	17.781 ug/L	96

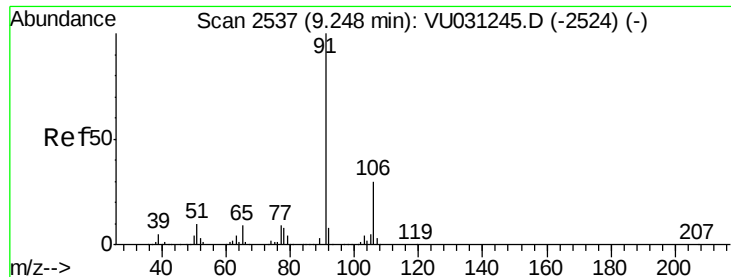
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 0.881 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

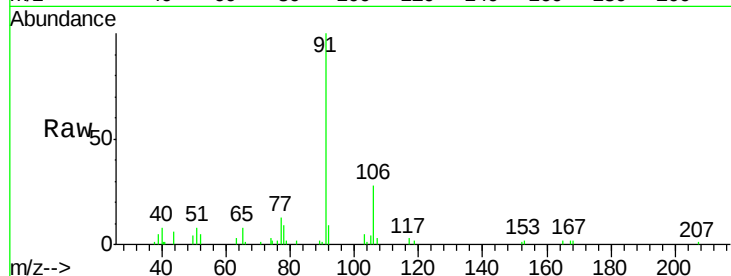
GAHQ4

Tot Ion: 91 Resp: 19960

Ion Ratio Lower Upper

91 100

106 28.5 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU031245.D (-2524) (-)

Ion 106.00 (105.70 to 106.70): VU031245.D (-2524) (-)

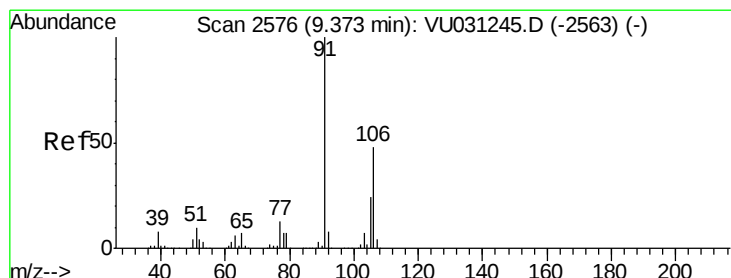
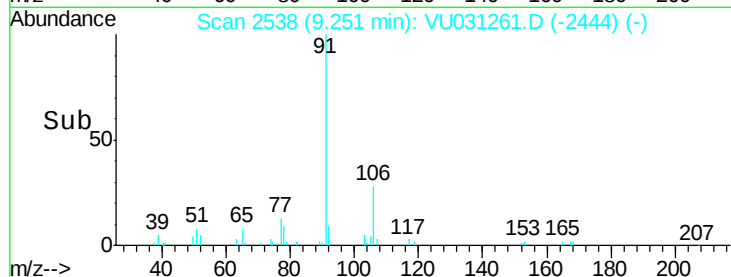
9.25

10000

5000

0

Time-->



#53

m,p-Xylene

Concen: 9.527 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031261.D

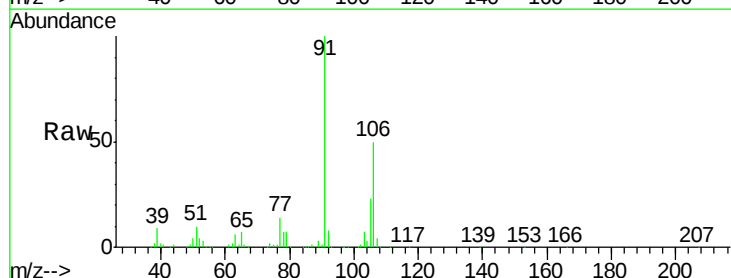
Acq: 17 Apr 2019 15:50

Tgt Ion: 106 Resp: 76207

Ion Ratio Lower Upper

106 100

91 201.2 144.5 268.4



Abundance Ion 106.00 (105.70 to 106.70): VU031245.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU031245.D (-2563) (-)

9.37

100000

80000

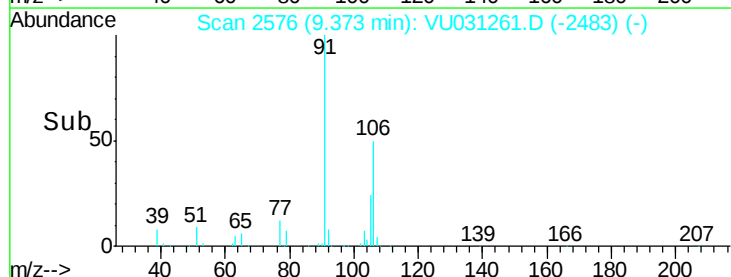
60000

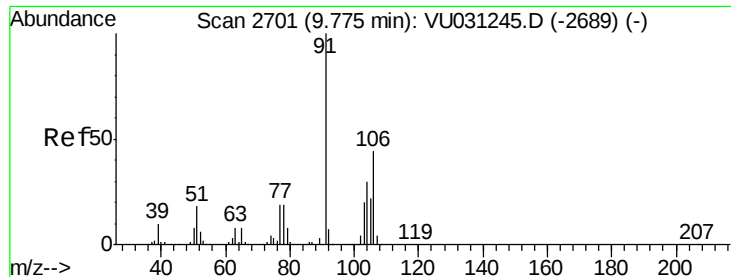
40000

20000

0

Time-->





#54

o-xylene

Concen: 11.295 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

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Acq: 17 Apr 2019 15:50

Instrument :

MSVOA_U

ClientSampleId :

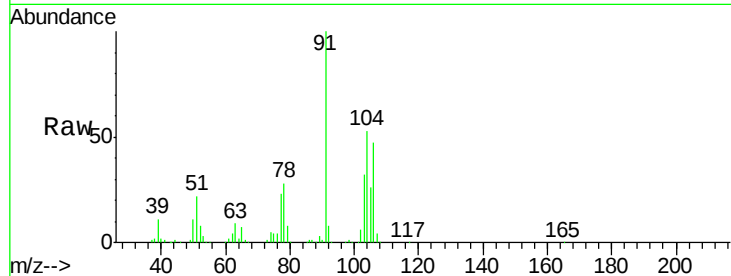
GAHQ4

Tot Ion:106 Resp: 91498

Ion Ratio Lower Upper

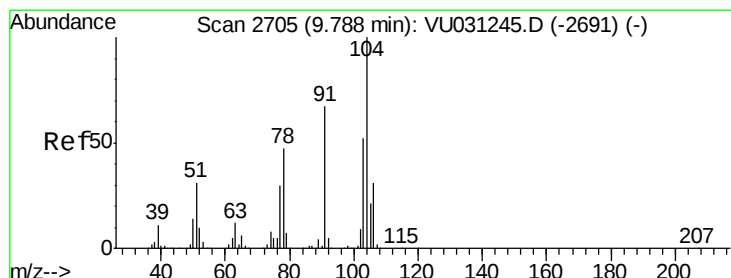
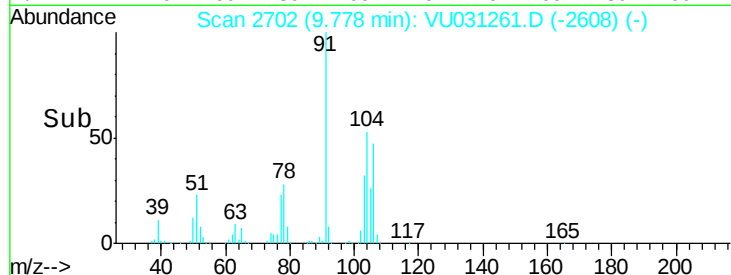
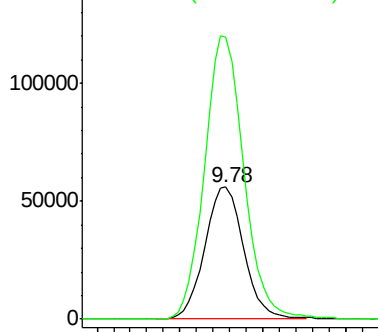
106 100

91 213.2 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 17.781 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031261.D

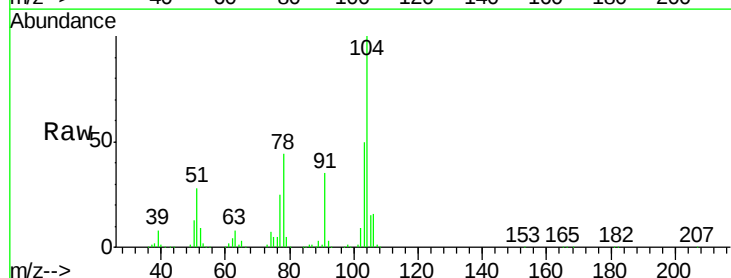
Acq: 17 Apr 2019 15:50

Tgt Ion:104 Resp: 243132

Ion Ratio Lower Upper

104 100

78 44.1 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

