

Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Time: May 03 04:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1006550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	945715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	442133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	226268	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.72%#
7) Chloroethane-d5	1.68	69	200710	30.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.66%#
11) 1,1-Dichloroethene-d2	2.27	63	375085	22.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.72%#
21) 2-Butanone-d5	4.19	46	732122	95.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.64	84	544631	35.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.60%
26) 1,2-Dichloroethane-d4	5.31	65	370057	36.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.42%
32) Benzene-d6	5.33	84	1075651	37.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.08%
36) 1,2-Dichloropropane-d6	6.32	67	401488	39.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.60%
41) Toluene-d8	7.56	98	919171	36.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.68%#
43) trans-1,3-Dichloropropene-	7.85	79	166635	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
47) 2-Hexanone-d5	8.31	63	502691	113.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	573067	41.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	370761	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#

Target Compounds

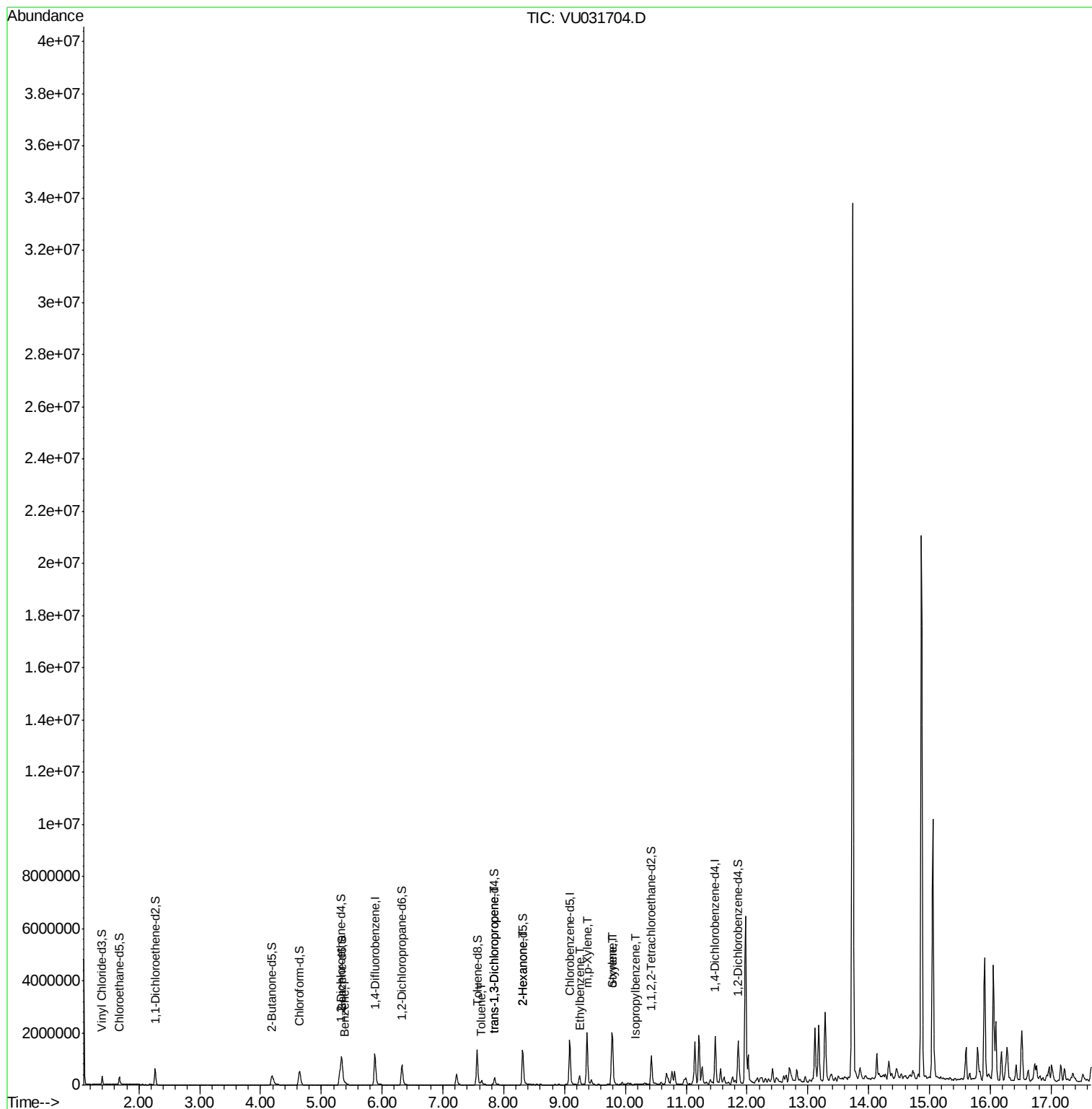
					Qvalue
33) Benzene	5.39	78	91211	2.623 ug/L	100
42) Toluene	7.64	91	116407	3.361 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6765	0.572 ug/L	83
48) 2-Hexanone	8.31	43	64546	5.255 ug/L	# 70
52) Ethylbenzene	9.25	91	262354	7.302 ug/L	98
53) m,p-Xylene	9.37	106	568278	45.398 ug/L	96
54) o-xylene	9.77	106	269714	21.733 ug/L	96
55) Styrene	9.79	104	715072	33.726 ug/L	95
56) Isopropylbenzene	10.17	105	14394	0.441 ug/L	97

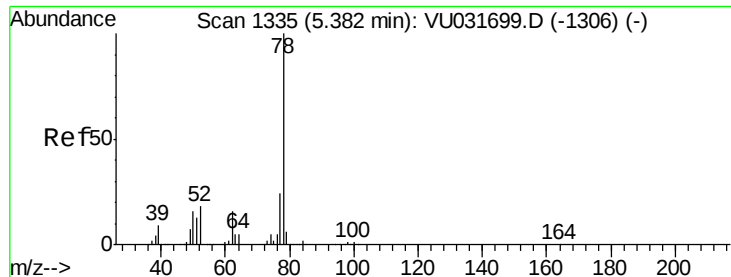
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 2.623 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VU031704.D

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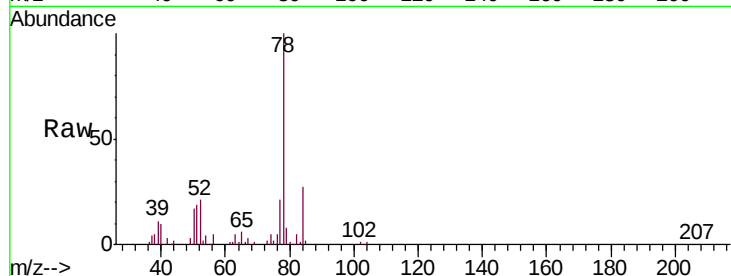
Instrument :

MSVOA_U

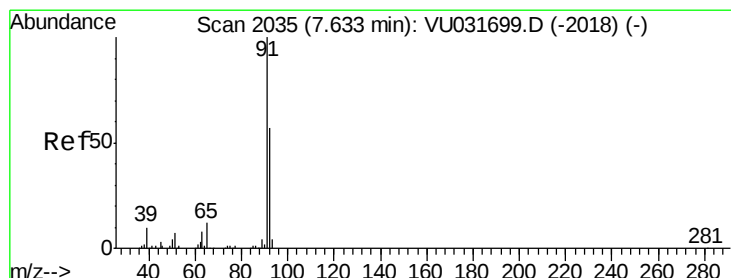
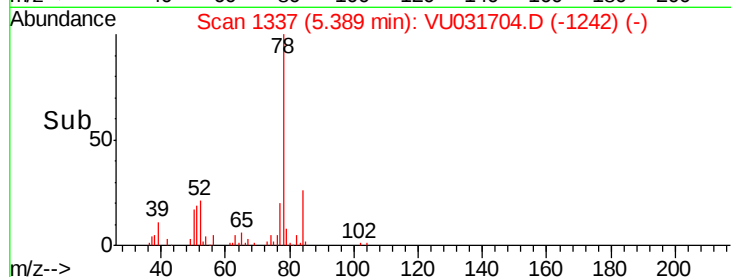
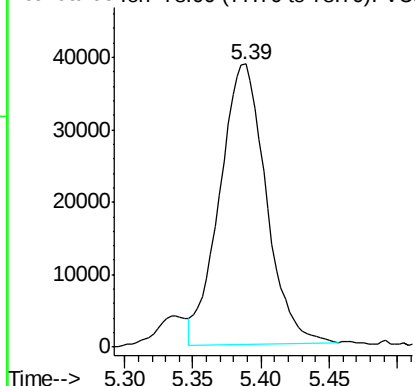
ClientSampleId :

GAJ69

Tgt Ion: 78 Resp: 91211



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 3.361 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031704.D

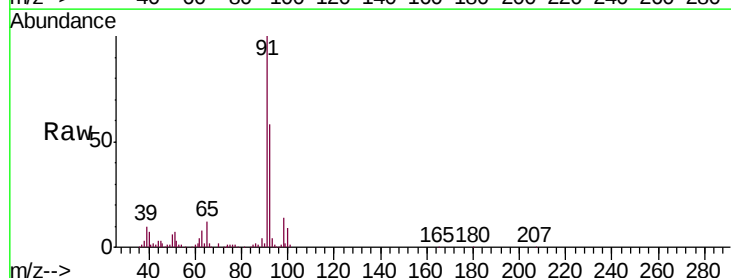
Acq: 02 May 2019 12:02

Tgt Ion: 91 Resp: 116407

Ion Ratio Lower Upper

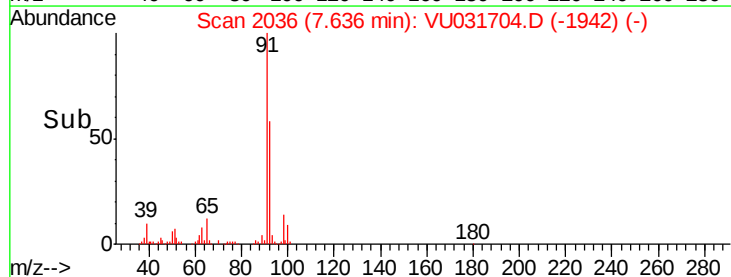
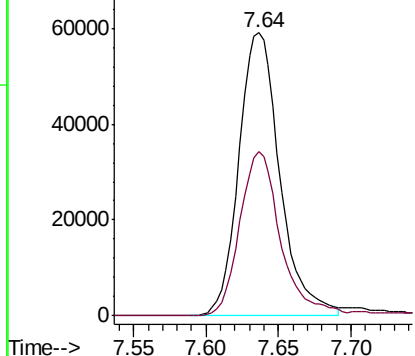
91 100

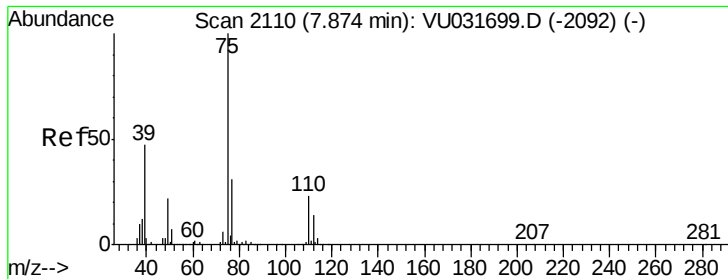
92 58.1 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.572 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

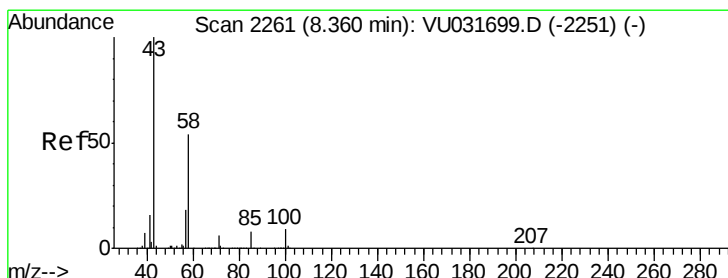
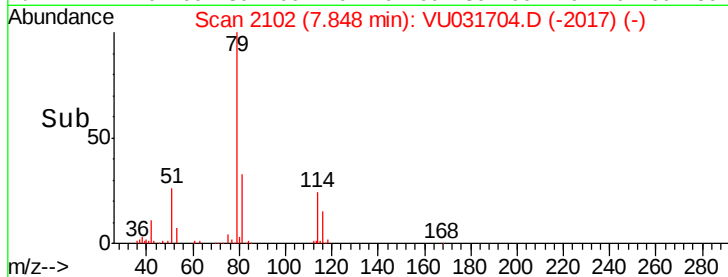
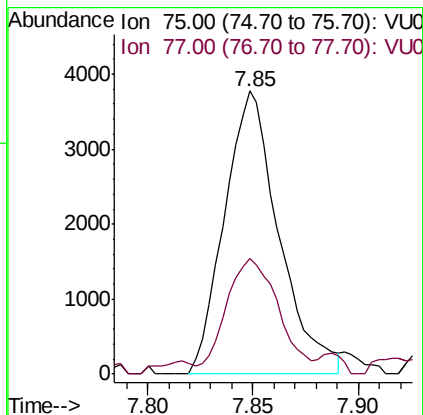
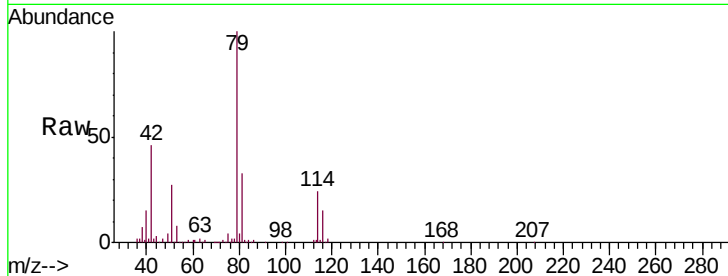
GAJ69

Tgt Ion: 75 Resp: 6765

Ion Ratio Lower Upper

75 100

77 40.9 22.1 41.1



#48

2-Hexanone

Concen: 5.255 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Tgt Ion: 43 Resp: 64546

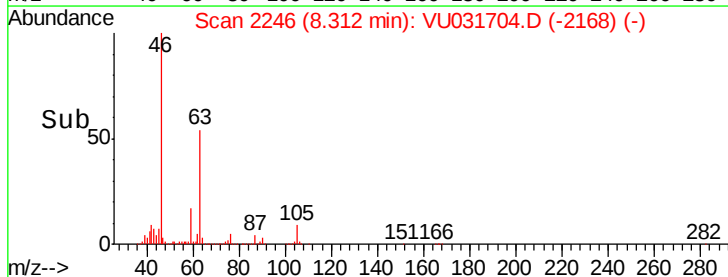
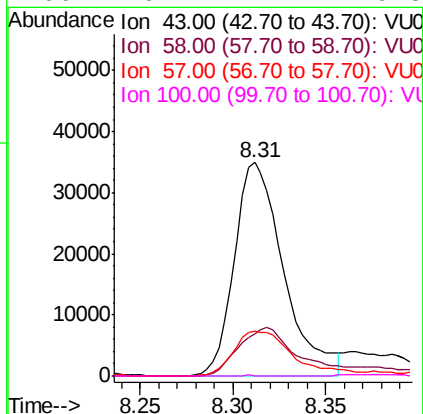
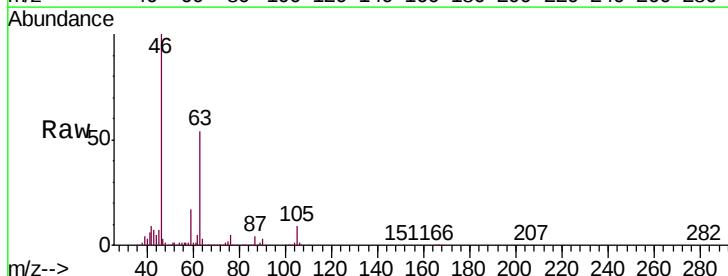
Ion Ratio Lower Upper

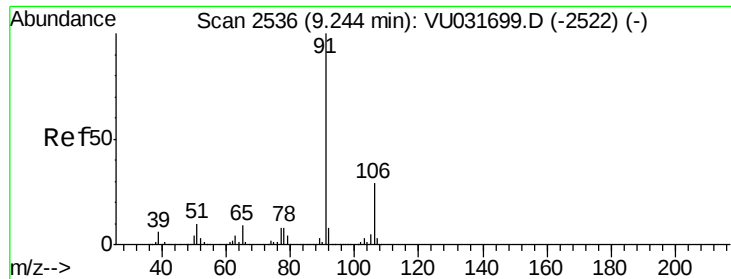
43 100

58 27.4 42.1 63.1#

57 25.6 14.6 22.0#

100 0.1 7.2 10.8#





#52

Ethylbenzene

Concen: 7.302 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

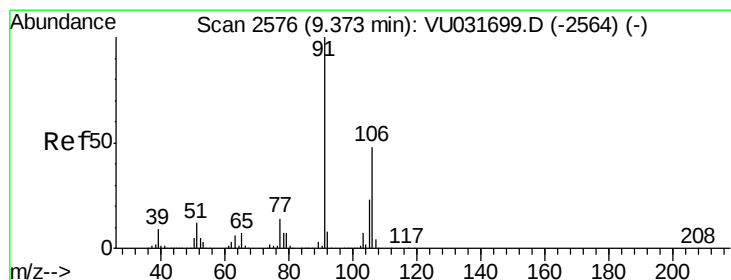
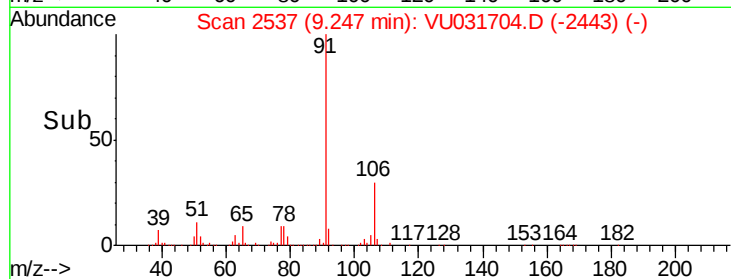
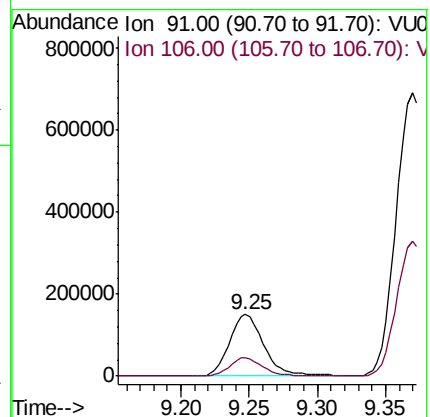
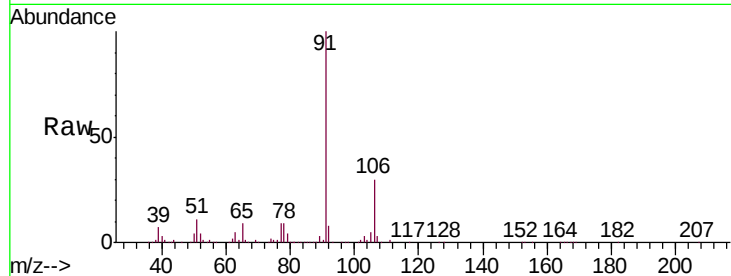
GAJ69

Tgt Ion: 91 Resp: 262354

Ion Ratio Lower Upper

91 100

106 30.1 20.4 37.8



#53

m,p-Xylene

Concen: 45.398 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031704.D

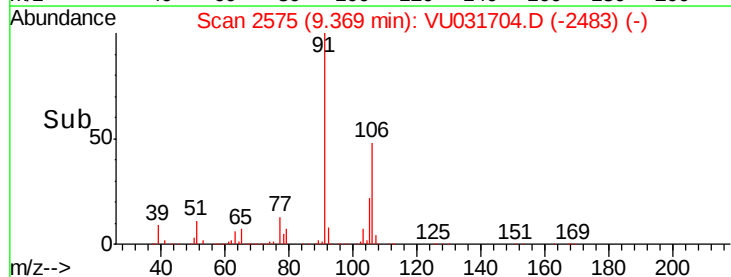
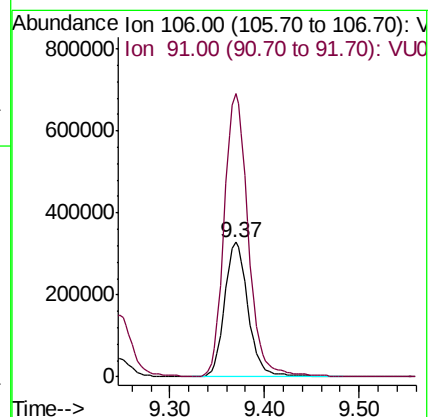
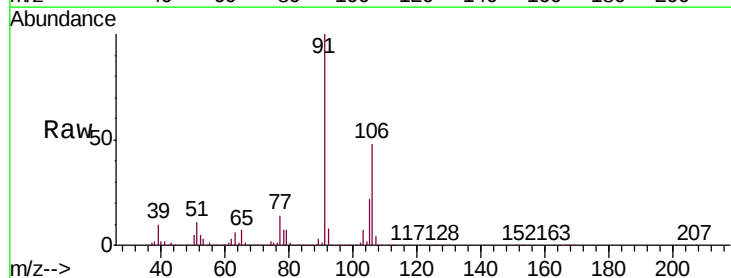
Acq: 02 May 2019 12:02

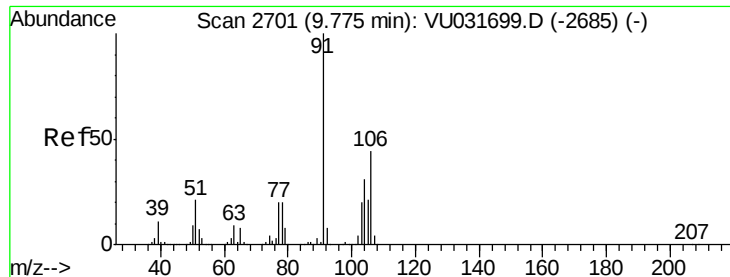
Tgt Ion: 106 Resp: 568278

Ion Ratio Lower Upper

106 100

91 210.5 152.2 282.6





#54

o-xylene

Concen: 21.733 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Instrument :

MSVOA_U

ClientSampled :

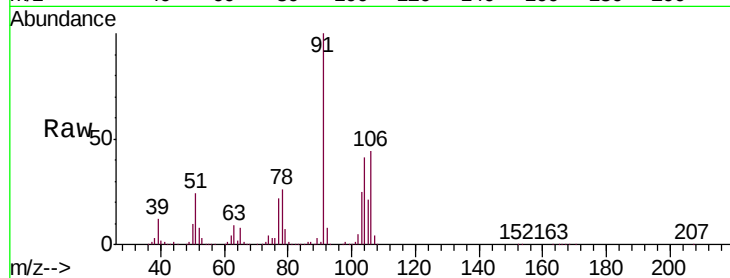
GAJ69

Tgt Ion:106 Resp: 269714

Ion Ratio Lower Upper

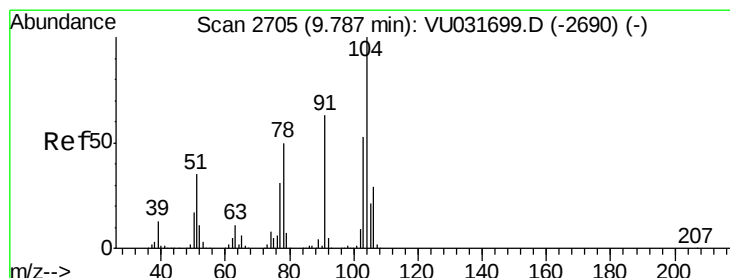
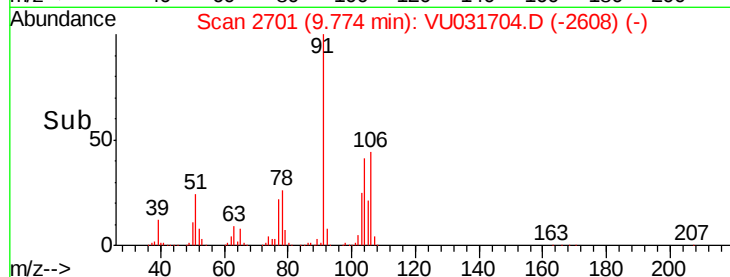
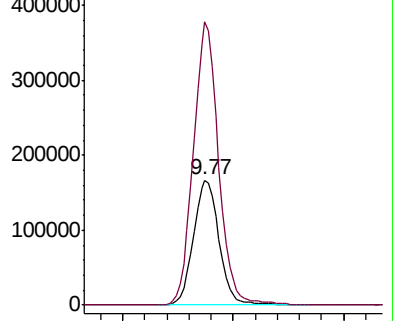
106 100

91 226.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 33.726 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031704.D

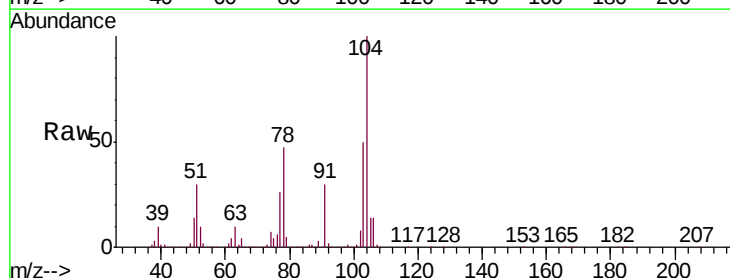
Acq: 02 May 2019 12:02

Tgt Ion:104 Resp: 715072

Ion Ratio Lower Upper

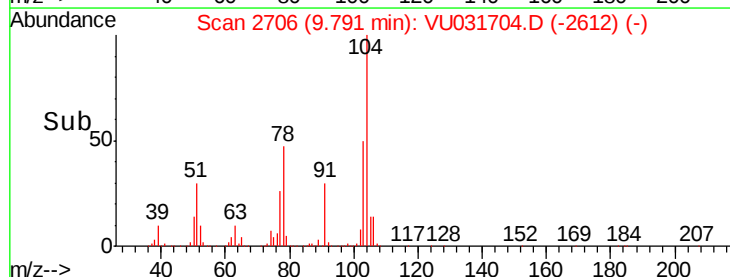
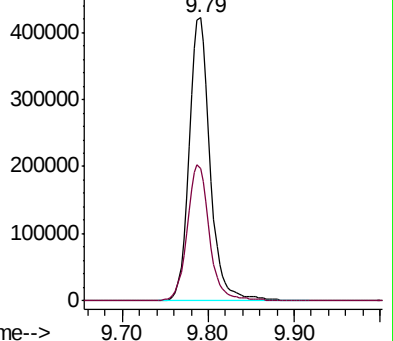
104 100

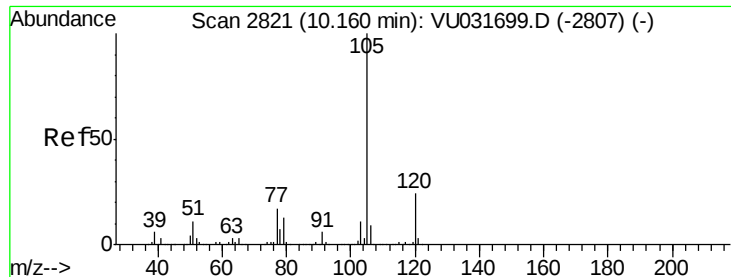
78 46.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56
Isopropylbenzene
Concen: 0.441 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.01 min
Lab File: VU031704.D
Acq: 02 May 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.1	30.1
77	15.1	13.8	20.6

