

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031695.D
 Acq On : 01 May 2019 19:22
 Operator : JC/SP
 Sample : K2603-16
 Misc : 5.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ68

Quant Time: May 02 06:40:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1051097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	988182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	463996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	240259	27.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.62%#
7) Chloroethane-d5	1.68	69	181746	26.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.48%#
11) 1,1-Dichloroethene-d2	2.24	63	389721	22.25	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.50%#
21) 2-Butanone-d5	4.21	46	565291	70.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.92%
24) Chloroform-d	4.64	84	560117	34.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.54%#
26) 1,2-Dichloroethane-d4	5.31	65	386333	36.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.40%
32) Benzene-d6	5.33	84	1143283	37.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.36%
36) 1,2-Dichloropropane-d6	6.33	67	422644	39.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.18%
41) Toluene-d8	7.56	98	1021789	38.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.32%#
43) trans-1,3-Dichloropropene-	7.86	79	191185	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.44%
47) 2-Hexanone-d5	8.35	63	525276	113.68	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	588240	41.06	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	409857	42.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

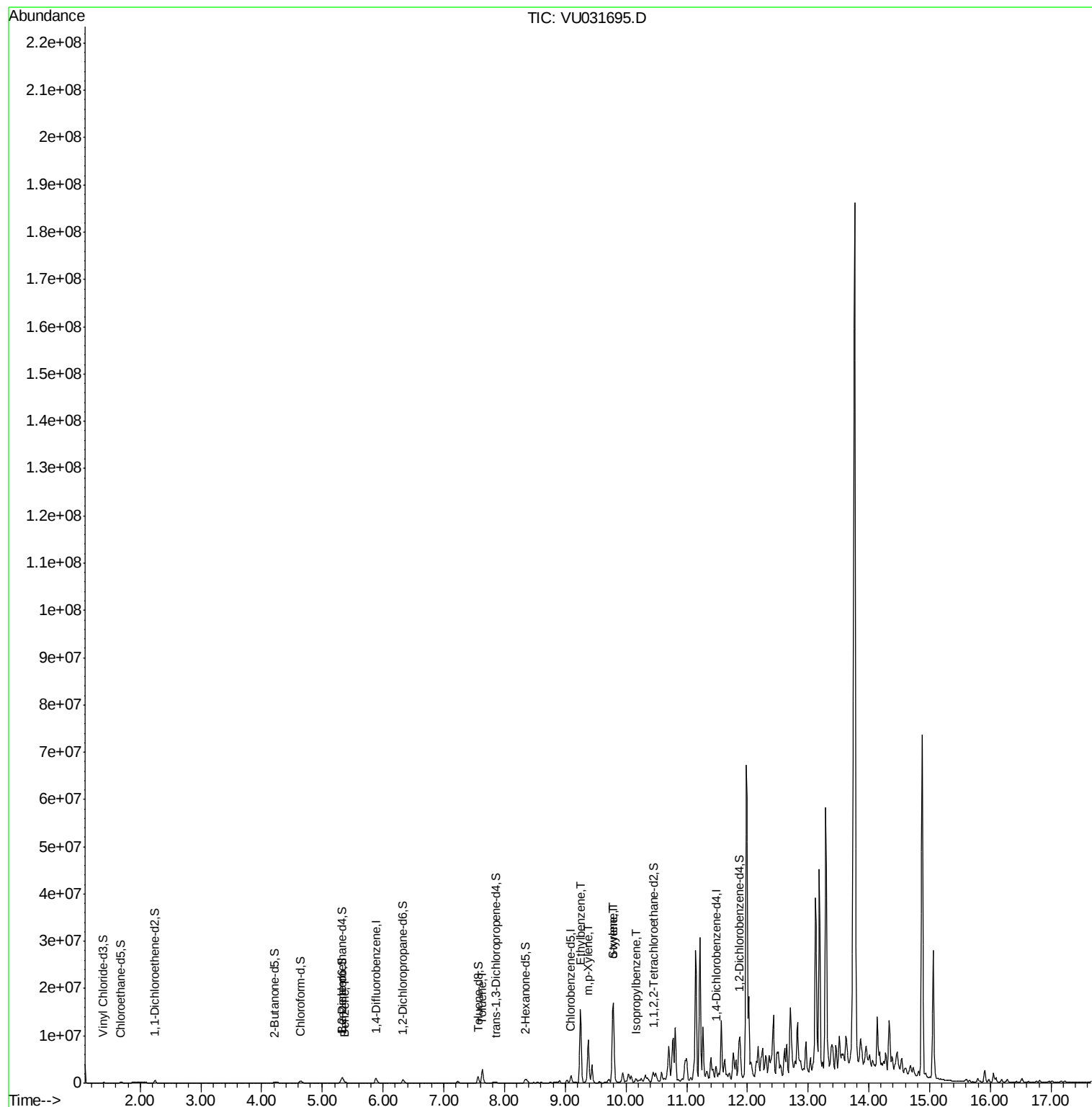
					Ovalue
33) Benzene	5.38	78	245855	6.767	ug/L 100
42) Toluene	7.63	91	2493522	68.899	ug/L 98
52) Ethylbenzene	9.25	91	12593975	335.471	ug/L 99
53) m,p-Xylene	9.38	106	2728655	208.615	ug/L 97
54) o-xylene	9.78	106	3488895	269.052	ug/L 95
55) Styrene	9.80	104	4615101	208.315	ug/L 99
56) Isopropylbenzene	10.17	105	324765	9.524	ug/L 97

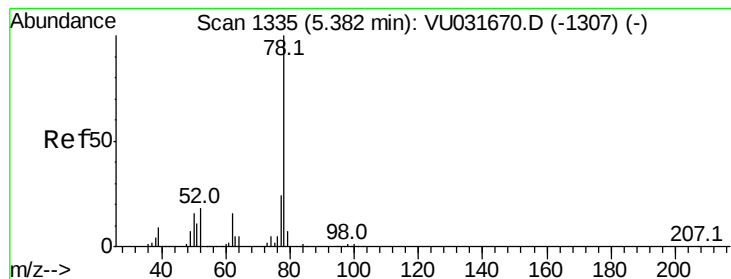
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#33

Benzene

Concen: 6.767 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031695.D

Acq: 01 May 2019 19:22

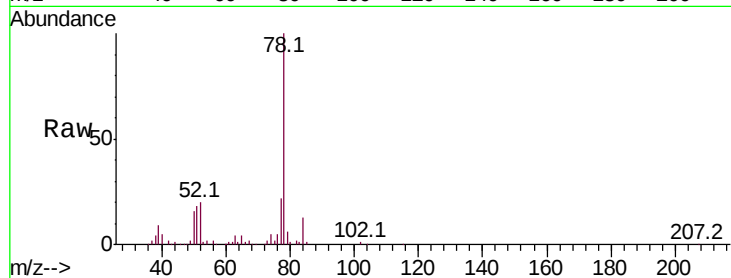
Instrument :

MSVOA_U

ClientSampleId :

GAJ68

Tgt Ion: 78 Resp: 245855



Abundance Ion 78.00 (77.70 to 78.70): VU0

100000

80000

60000

40000

20000

0

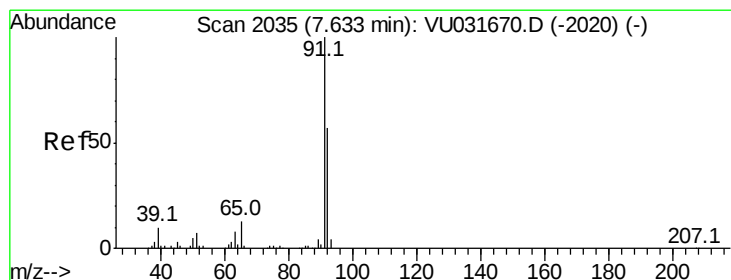
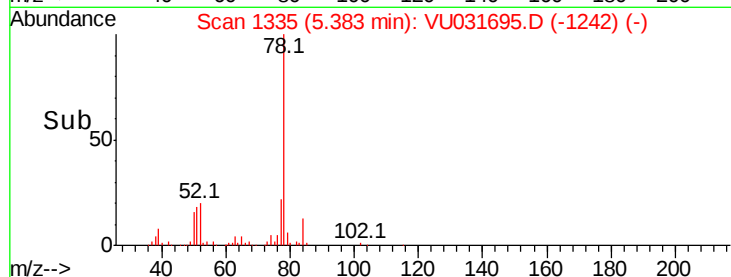
5.20

5.30

5.40

5.50

Time-->



#42

Toluene

Concen: 68.899 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031695.D

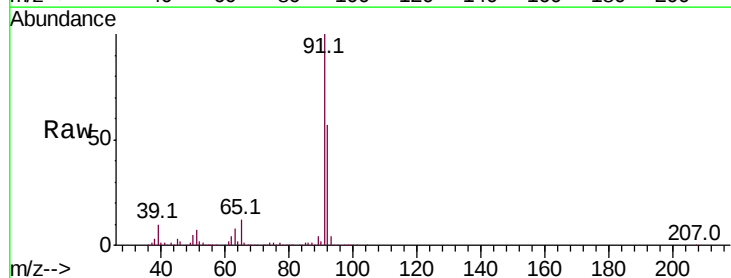
Acq: 01 May 2019 19:22

Tgt Ion: 91 Resp: 2493522

Ion Ratio Lower Upper

91 100

92 57.4 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

1000000

500000

0

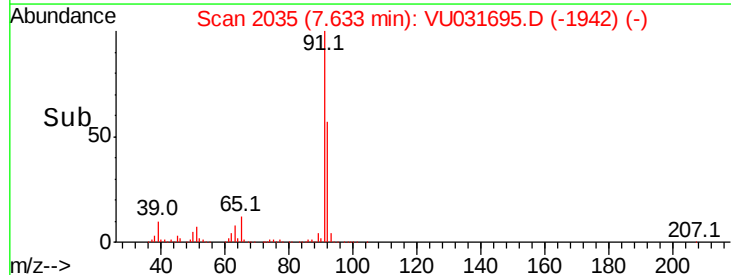
7.50

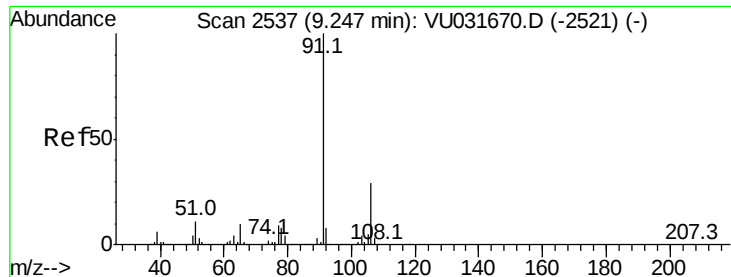
7.60

7.70

7.80

Time-->





#52

Ethylbenzene

Concen: 335.471 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031695.D

Acq: 01 May 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

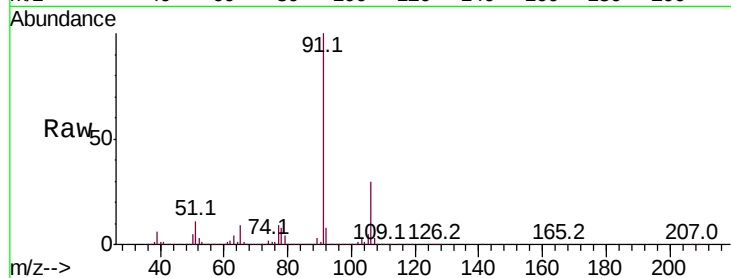
GAJ68

Tot Ion: 91 Resp: 12593975

Ion Ratio Lower Upper

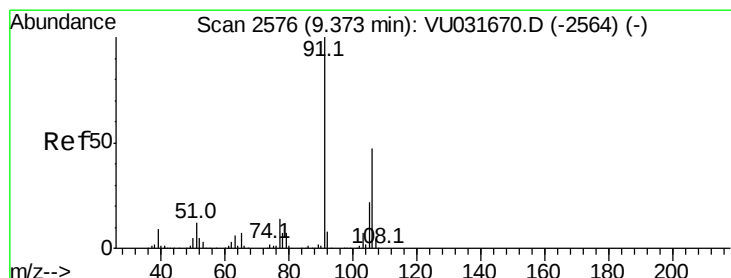
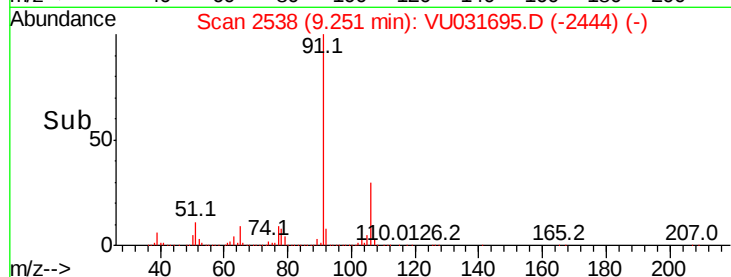
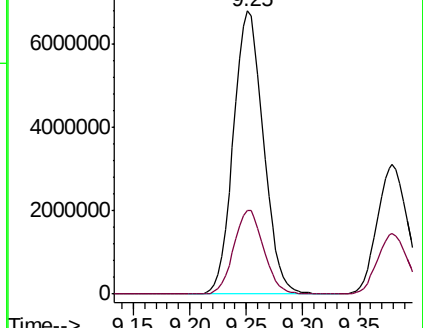
91 100

106 29.7 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031670.D (-2521) (-)

Ion 106.00 (105.70 to 106.70): VU031695.D (-2444) (-)



#53

m,p-Xylene

Concen: 208.615 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031695.D

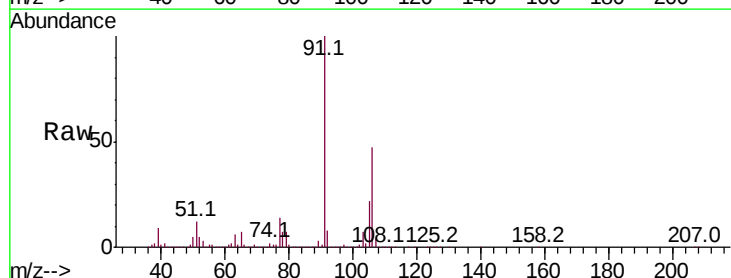
Acq: 01 May 2019 19:22

Tgt Ion: 106 Resp: 2728655

Ion Ratio Lower Upper

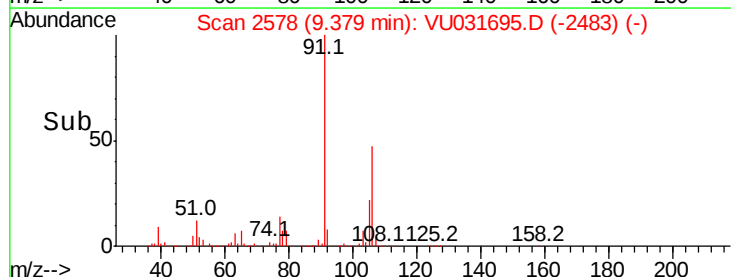
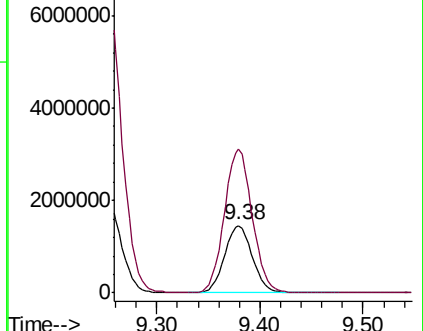
106 100

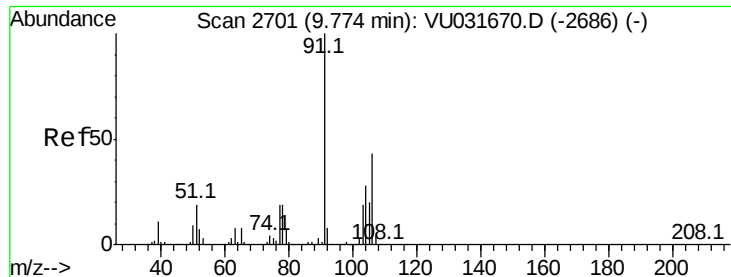
91 213.3 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031695.D (-2483) (-)

Ion 91.00 (90.70 to 91.70): VU031670.D (-2564) (-)





#54

o-xylene

Concen: 269.052 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031695.D

Acq: 01 May 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

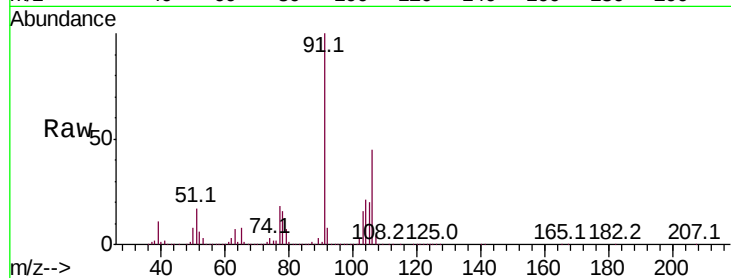
GAJ68

Tot Ion:106 Resp: 3488895

Ion Ratio Lower Upper

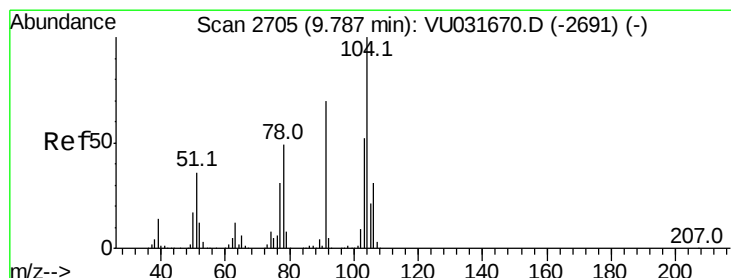
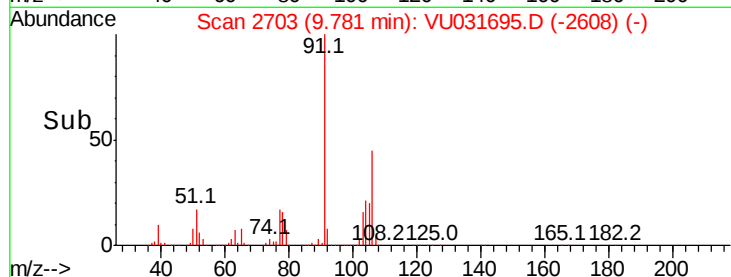
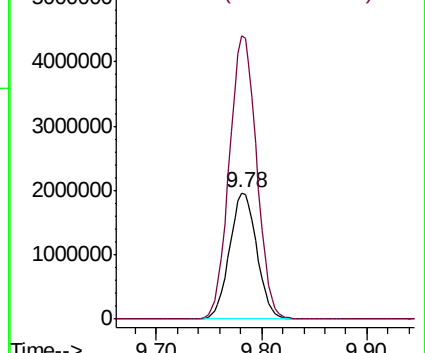
106 100

91 224.6 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 208.315 ug/L

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU031695.D

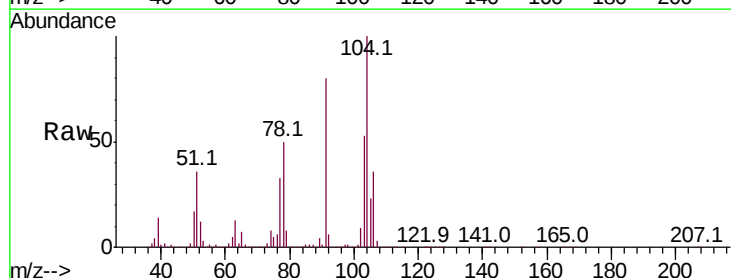
Acq: 01 May 2019 19:22

Tgt Ion:104 Resp: 4615101

Ion Ratio Lower Upper

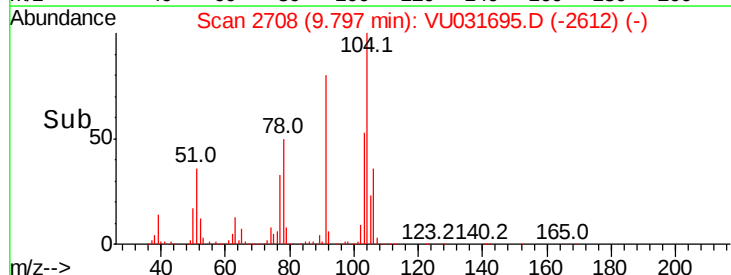
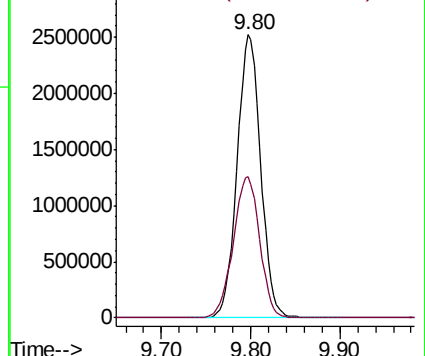
104 100

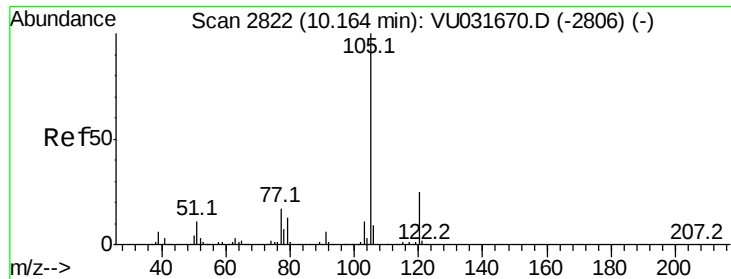
78 49.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 9.524 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU031695.D

Acq: 01 May 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

GAJ68

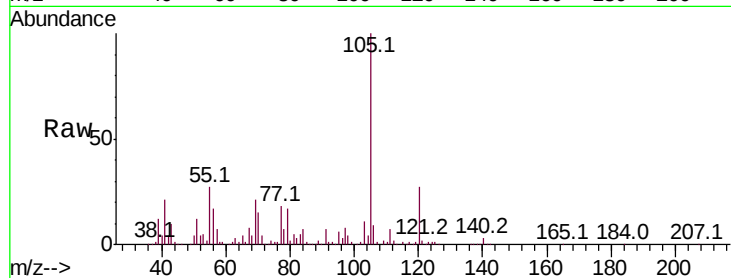
Tot Ion:105 Resp: 324765

Ion Ratio Lower Upper

105 100

120 26.2 20.1 30.1

77 18.9 13.8 20.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU

