

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031258.D
 Acq On : 17 Apr 2019 14:33
 Operator : JC/SP
 Sample : K2402-10 10X
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHJO

Quant Time: Apr 18 04:54:27 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	602820	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185150	33.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.70%
7) Chloroethane-d5	1.68	69	159435	33.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.16%#
11) 1,1-Dichloroethene-d2	2.27	63	282899	25.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.44%#
21) 2-Butanone-d5	4.19	46	295690	73.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.13%
24) Chloroform-d	4.64	84	310358	33.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.02%#
26) 1,2-Dichloroethane-d4	5.31	65	200282	35.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.22%
32) Benzene-d6	5.33	84	666301	36.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.50%
36) 1,2-Dichloropropane-d6	6.32	67	217672	36.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.98%
41) Toluene-d8	7.56	98	602750	37.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.56%#
43) trans-1,3-Dichloropropene-	7.85	79	100710	35.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.60%
47) 2-Hexanone-d5	8.31	63	226417	81.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298531	36.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	244354	35.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.70%#

Target Compounds

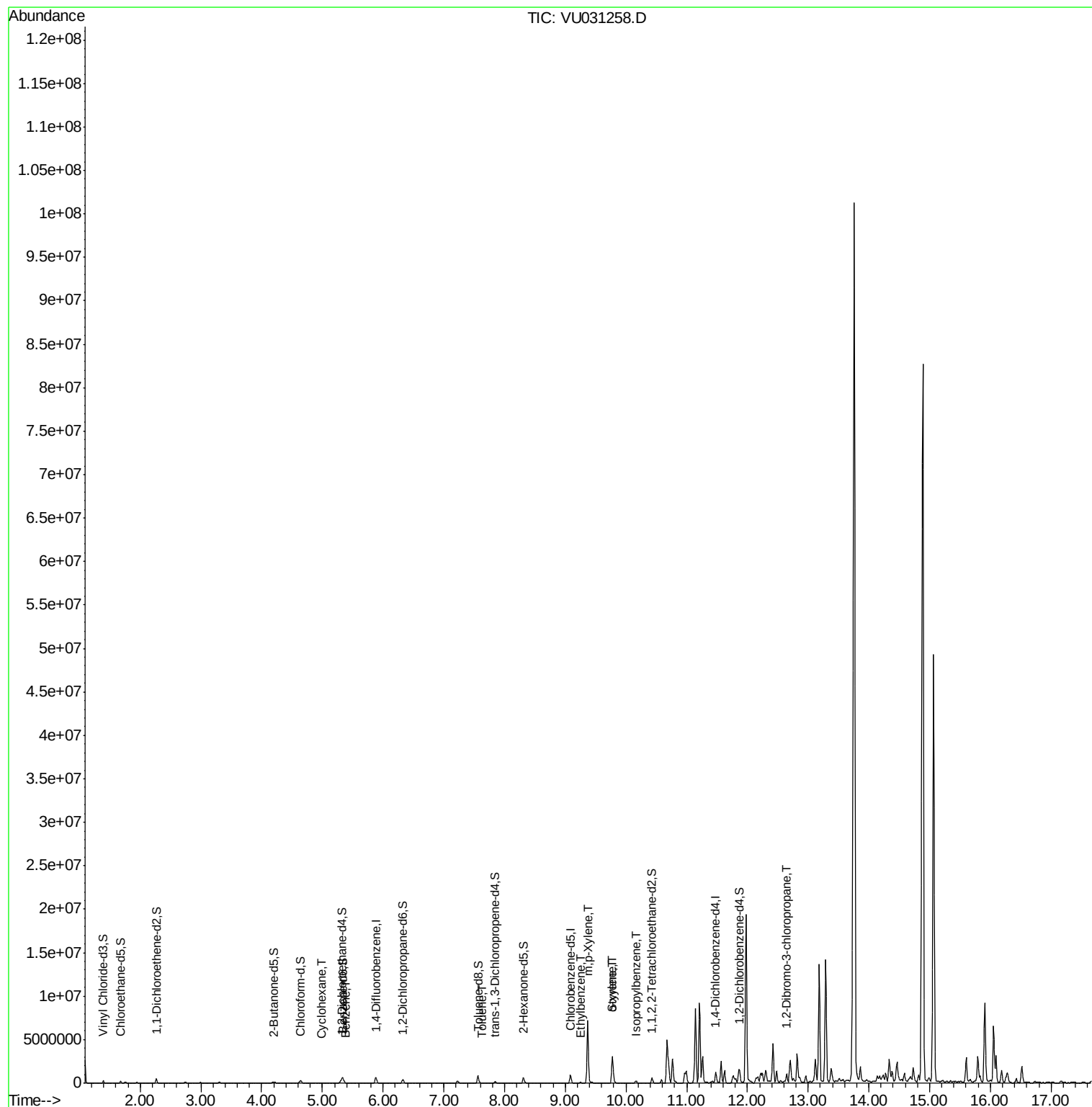
					Qvalue
29) Cyclohexane	4.98	56	7347	0.911 ug/L #	50
33) Benzene	5.39	78	20185	1.046 ug/L	100
42) Toluene	7.64	91	33306	1.736 ug/L	96
52) Ethylbenzene	9.25	91	60782	2.910 ug/L	100
53) m,p-Xylene	9.37	106	2057262	279.058 ug/L	99
54) o-xylene	9.77	106	757036	101.403 ug/L	99
55) Styrene	9.79	104	378736	30.053 ug/L	85
56) Isopropylbenzene	10.16	105	176856	9.242 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	3753	1.904 ug/L #	5

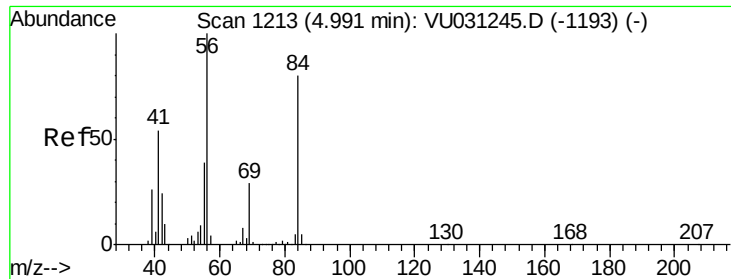
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAHJ0

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Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

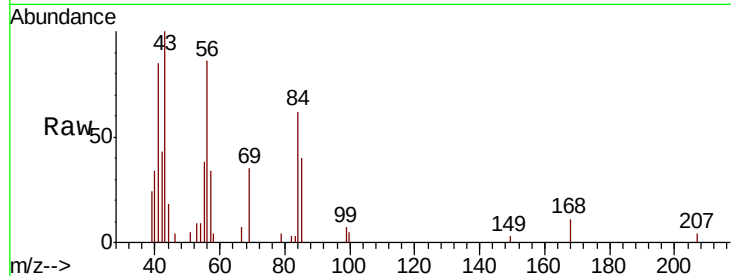




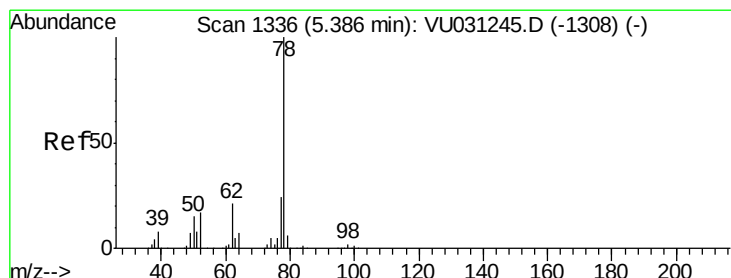
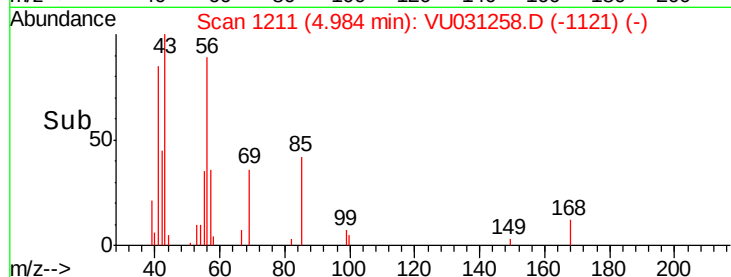
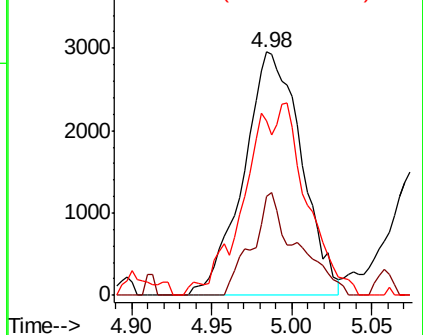
#29
Cyclohexane
Concen: 0.911 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.01 min
Lab File: VU031258.D
Acq: 17 Apr 2019 14:33

Instrument :
MSVOA_U
ClientSampleId :
GAHJ0

Tgt Ion: 56 Resp: 7347
Ion Ratio Lower Upper
56 100
69 9.9 23.0 34.6#
84 29.0 61.8 92.6#

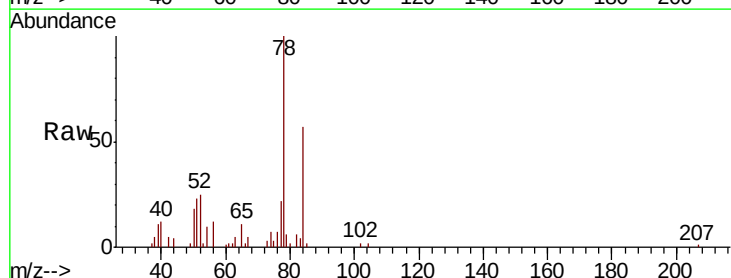


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

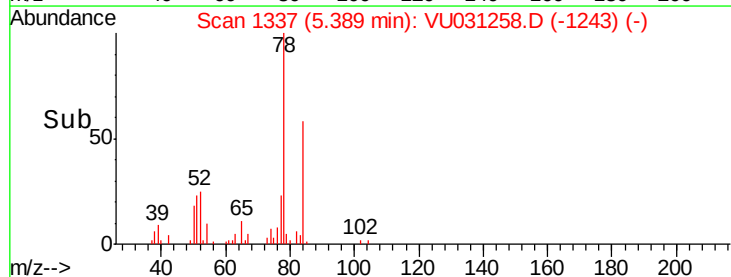
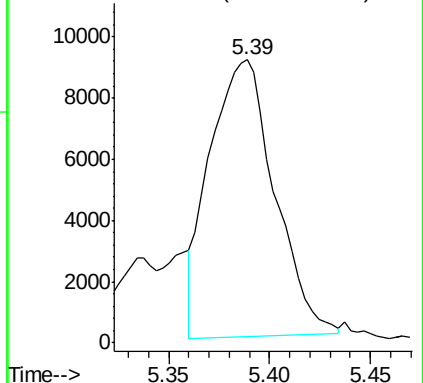


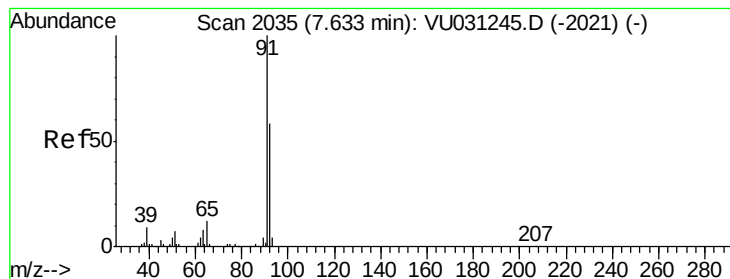
#33
Benzene
Concen: 1.046 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU031258.D
Acq: 17 Apr 2019 14:33

Tgt Ion: 78 Resp: 20185



Abundance Ion 78.00 (77.70 to 78.70): VU0





#42

Toluene

Concen: 1.736 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031258.D

Acq: 17 Apr 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

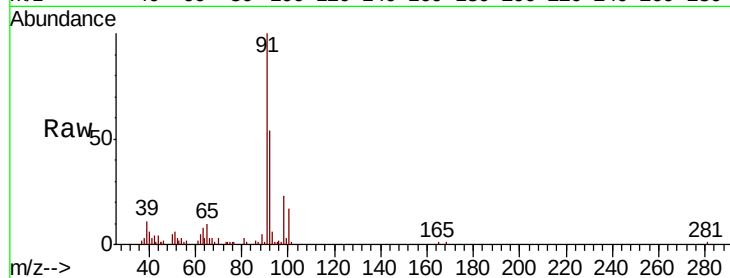
GAHJO

Tgt Ion: 91 Resp: 33306

Ion Ratio Lower Upper

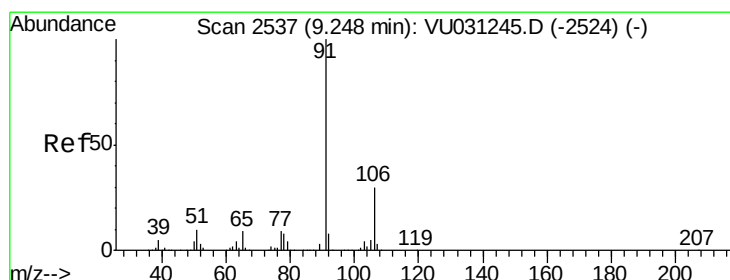
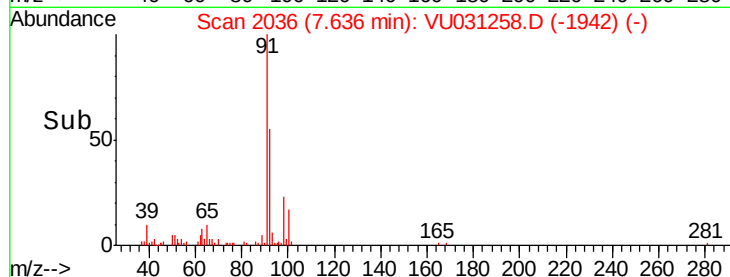
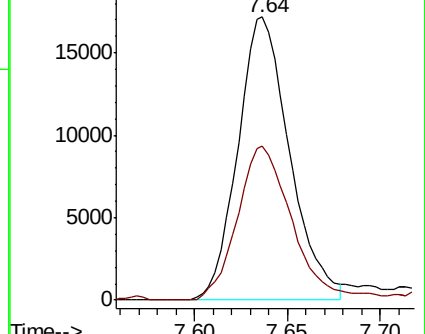
91 100

92 54.5 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VU031258.D (-2444) (-)

Ion 92.00 (91.70 to 92.70): VU031258.D (-2444) (-)



#52

Ethylbenzene

Concen: 2.910 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031258.D

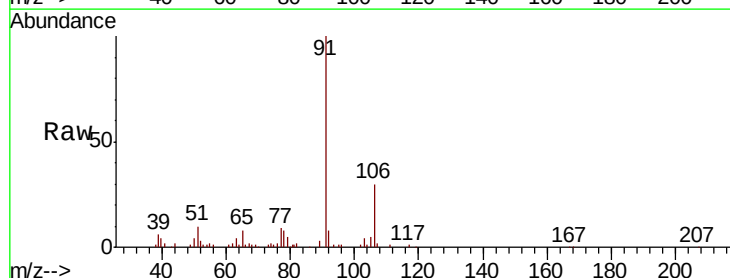
Acq: 17 Apr 2019 14:33

Tgt Ion: 91 Resp: 60782

Ion Ratio Lower Upper

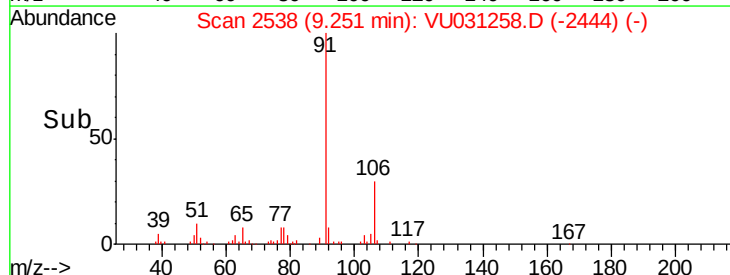
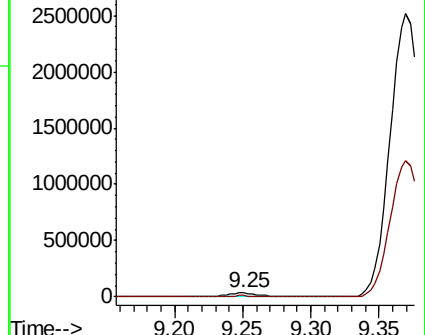
91 100

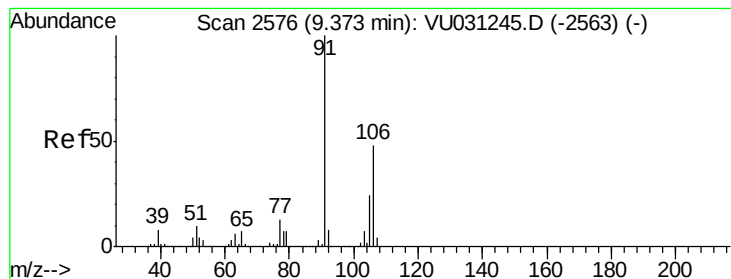
106 30.0 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU031258.D (-2444) (-)

Ion 106.00 (105.70 to 106.70): VU031258.D (-2444) (-)





#53

m,p-Xylene

Concen: 279.058 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031258.D

Acq: 17 Apr 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

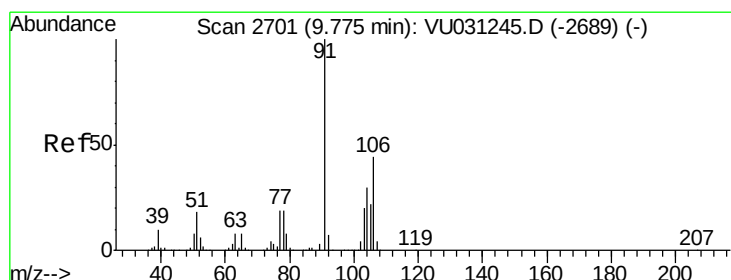
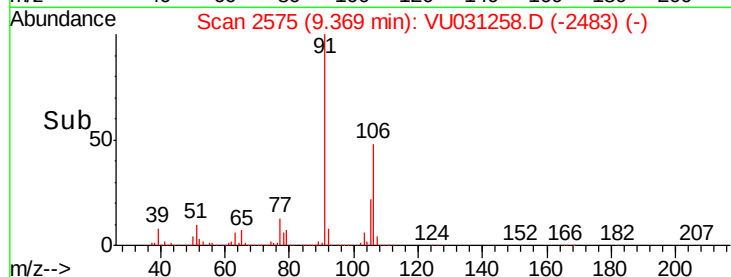
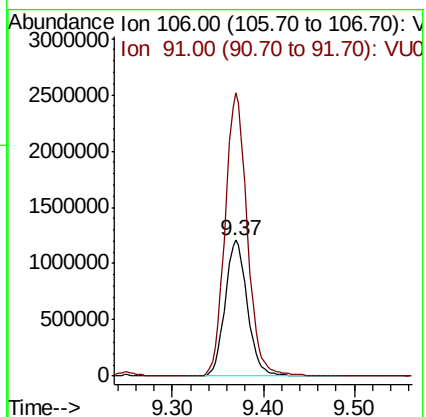
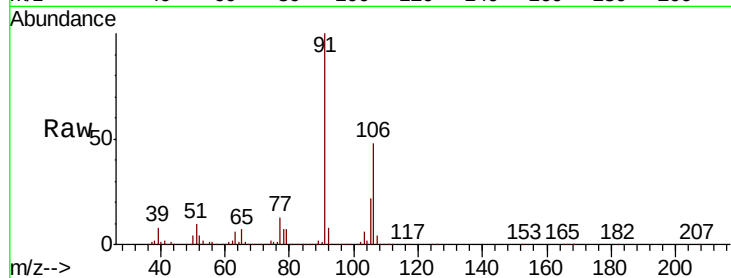
GAHJ0

Tgt Ion:106 Resp: 2057262

Ion Ratio Lower Upper

106 100

91 208.1 144.5 268.4



#54

o-xylene

Concen: 101.403 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031258.D

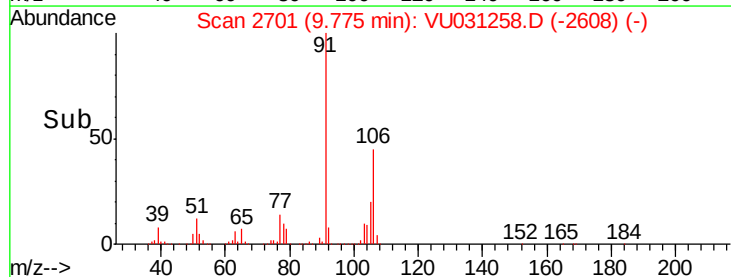
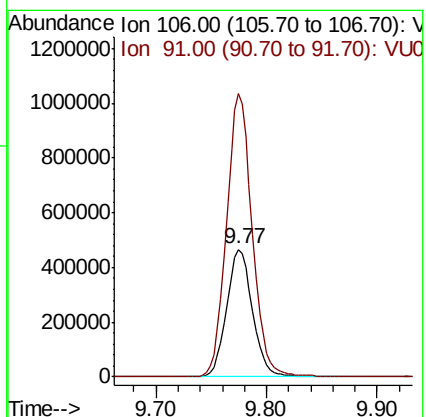
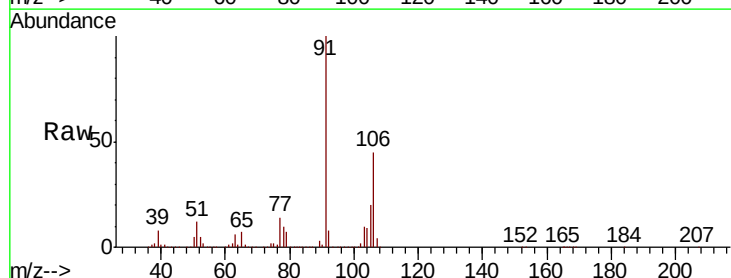
Acq: 17 Apr 2019 14:33

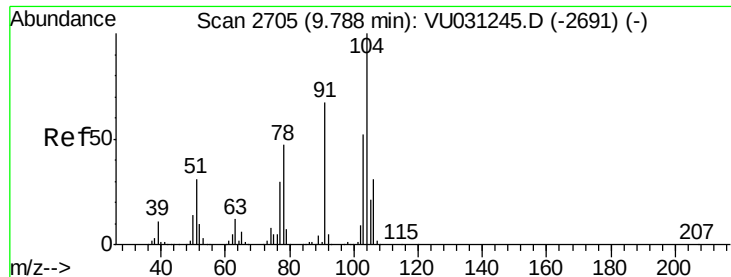
Tgt Ion:106 Resp: 757036

Ion Ratio Lower Upper

106 100

91 222.0 154.3 286.5





#55

Styrene

Concen: 30.053 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU031258.D

Acq: 17 Apr 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

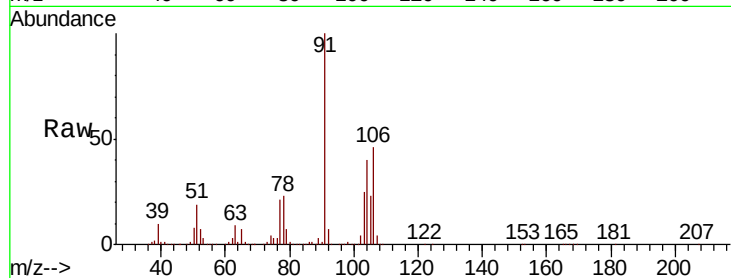
GAHJO

Tgt Ion:104 Resp: 378736

Ion Ratio Lower Upper

104 100

78 57.2 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

9.79

200000

150000

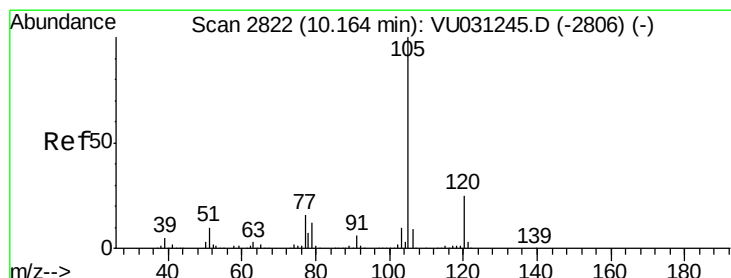
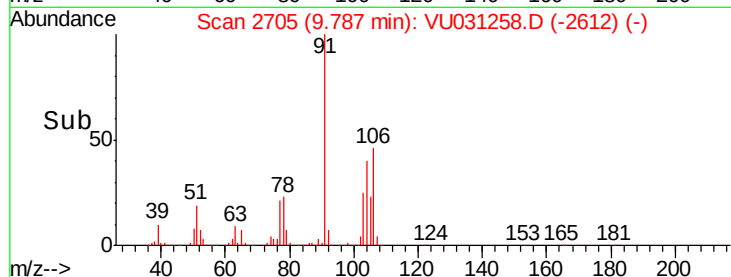
100000

50000

0

9.70 9.80 9.90

Time-->



#56

Isopropylbenzene

Concen: 9.242 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU031258.D

Acq: 17 Apr 2019 14:33

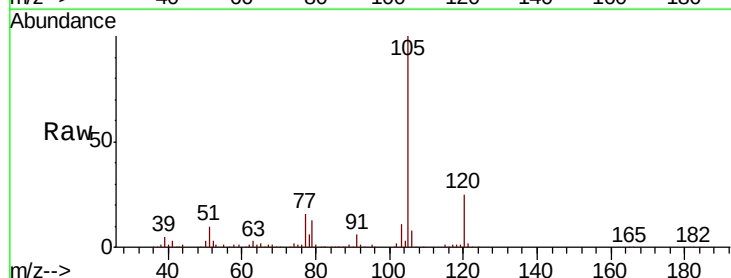
Tgt Ion:105 Resp: 176856

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.2 13.0 19.4



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): VU0

10.16

150000

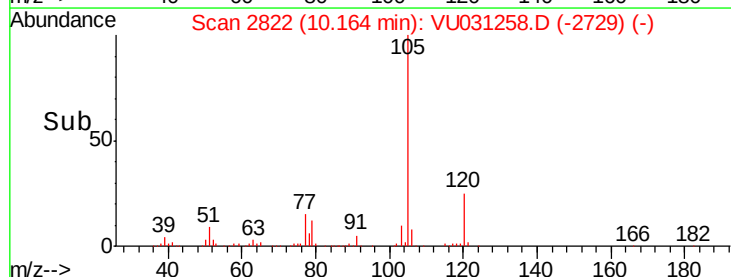
100000

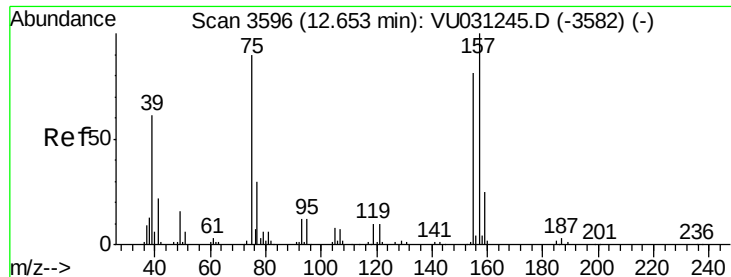
50000

0

10.10 10.15 10.20

Time-->





#66

1,2-Dibromo-3-chloropropane

Concen: 1.904 ug/L

RT: 12.65 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU031258.D

Acq: 17 Apr 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 3753

Ion Ratio Lower Upper

75 100

155 7.0 66.7 100.1#

157 0.0 86.5 129.7#

