

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031357.D
 Acq On : 19 Apr 2019 14:28
 Operator : JC/SP
 Sample : K2402-05 5X
 Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHH7

Quant Time: Apr 19 23:27:55 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	529191	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	431895	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	239567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166834	34.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.46%
7) Chloroethane-d5	1.68	69	142381	33.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.30%#
11) 1,1-Dichloroethene-d2	2.26	63	247128	25.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.20%#
21) 2-Butanone-d5	4.20	46	311412	87.74	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	4.64	84	323878	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.66%
26) 1,2-Dichloroethane-d4	5.31	65	206368	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.42%
32) Benzene-d6	5.34	84	637176	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.33	67	169433	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.48%
41) Toluene-d8	7.56	98	439567	36.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.18%#
43) trans-1,3-Dichloropropene-	7.85	79	79818	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
47) 2-Hexanone-d5	8.32	63	151872	72.60	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	245803	39.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	207532	37.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.54%#

Target Compounds

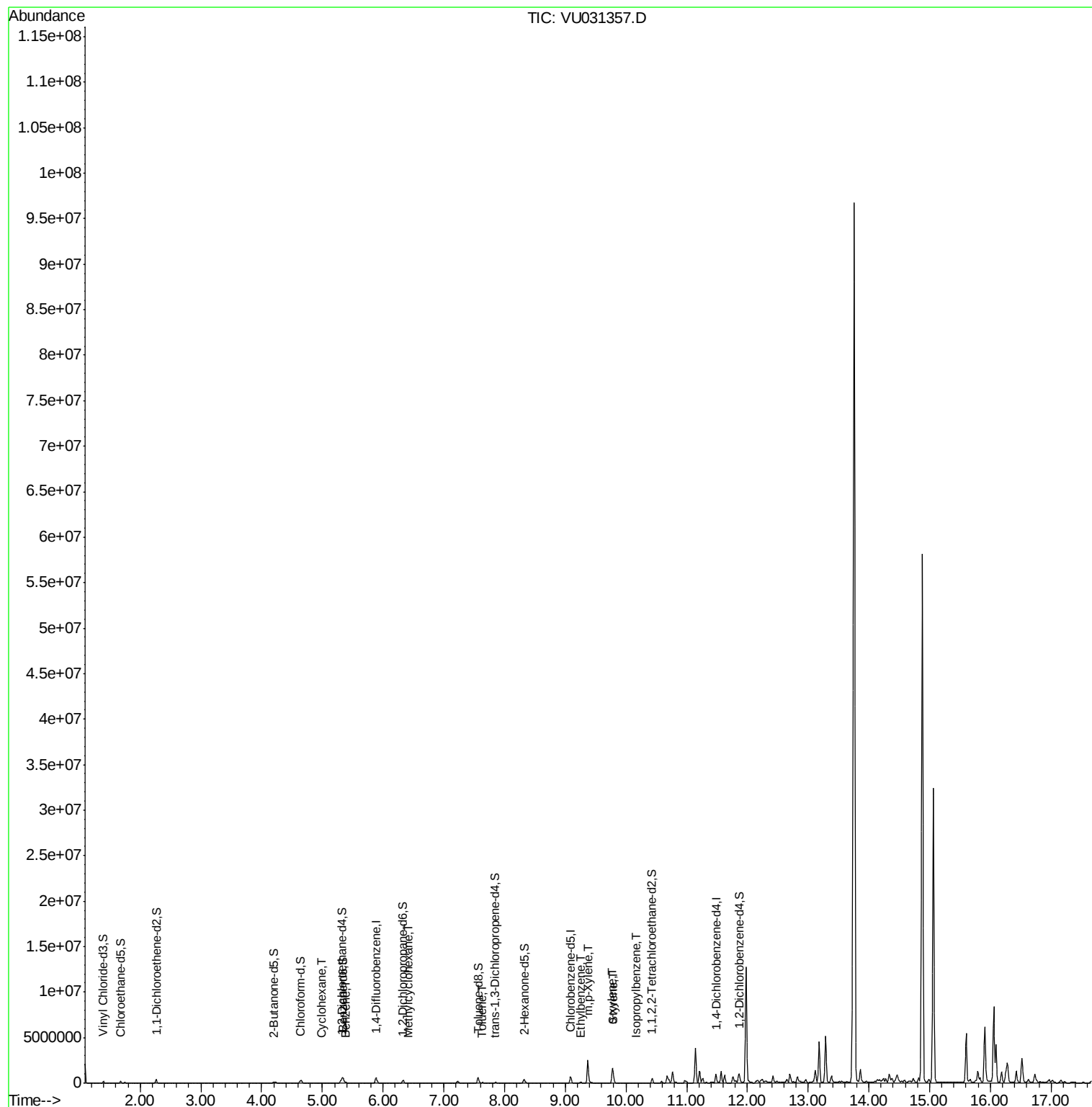
					Ovalue
29) Cyclohexane	4.99	56	21808	3.590 ug/L	86
33) Benzene	5.39	78	67209	4.627 ug/L	100
35) Methylcyclohexane	6.41	83	17113	3.163 ug/L	92
42) Toluene	7.64	91	59519	4.119 ug/L	98
52) Ethylbenzene	9.25	91	78924	5.017 ug/L	97
53) m,p-Xylene	9.37	106	716306	129.036 ug/L	100
54) o-xylene	9.78	106	365580	65.032 ug/L	100
55) Styrene	9.79	104	294986	31.086 ug/L	96
56) Isopropylbenzene	10.16	105	21007	1.458 ug/L	98

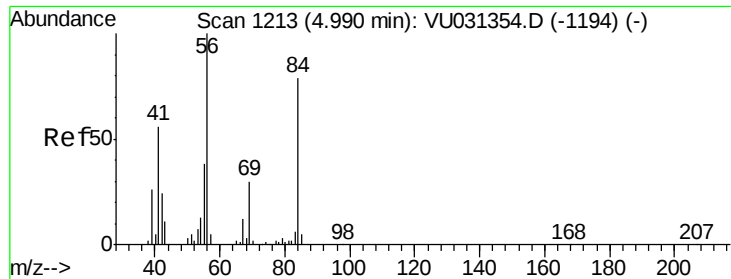
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031357.D
Acq On : 19 Apr 2019 14:28
Operator : JC/SP
Sample : K2402-05 5X
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHH7

Quant Time: Apr 19 23:27:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

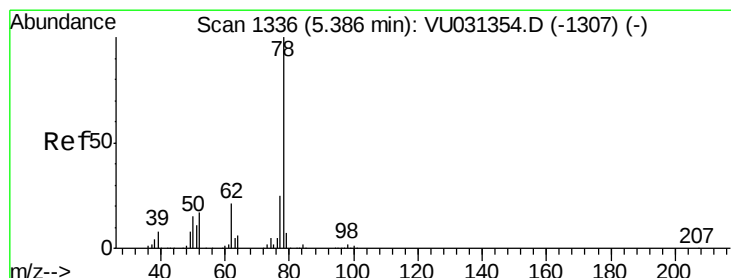
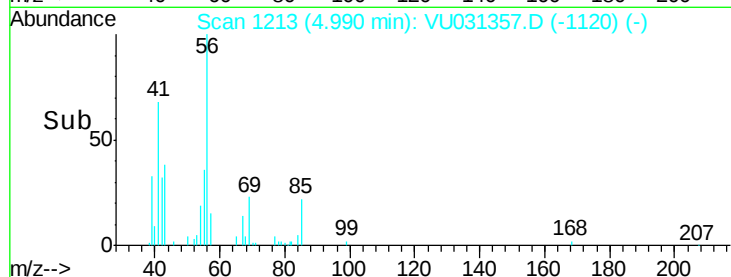
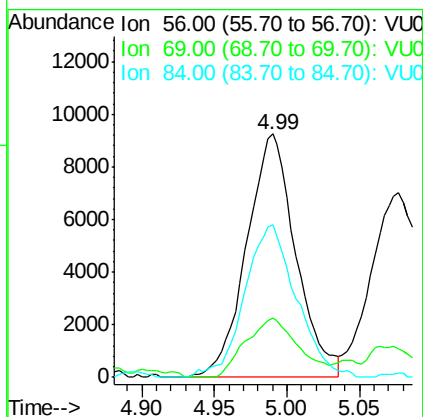
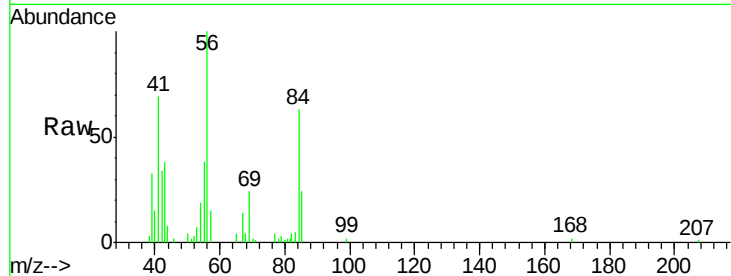




#29
Cyclohexane
Concen: 3.590 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU031357.D
Acq: 19 Apr 2019 14:28

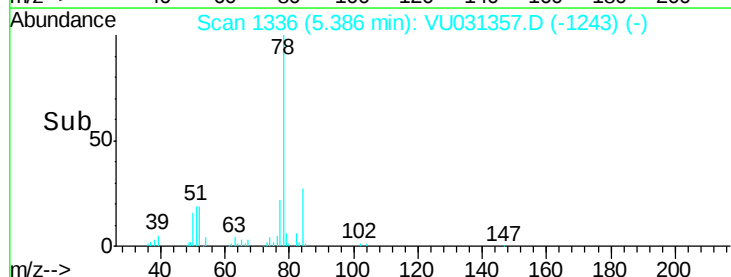
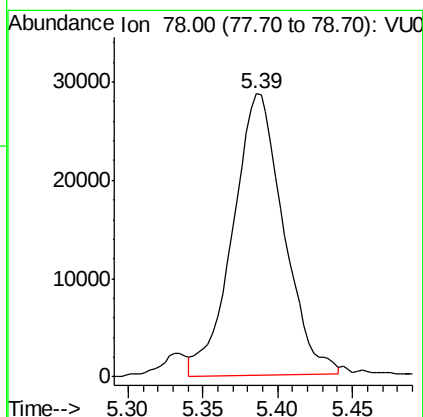
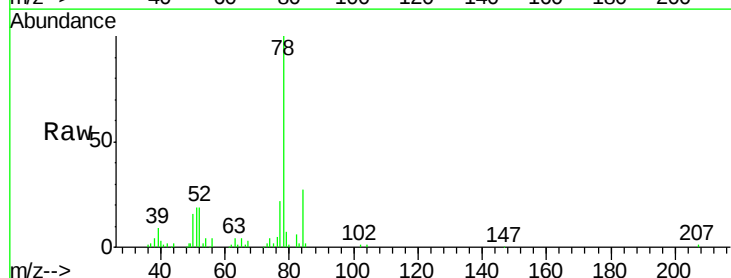
Instrument :
MSVOA_U
ClientSampleId :
GAHH7

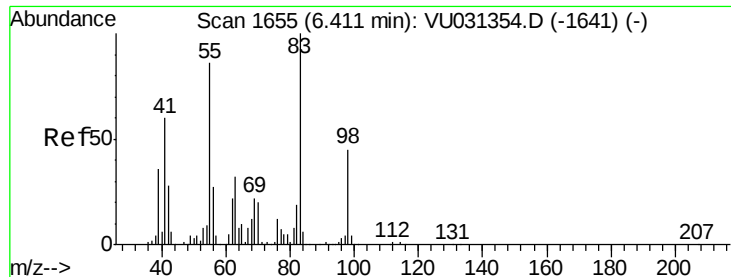
Tot Ion: 56 Resp: 21808
Ion Ratio Lower Upper
56 100
69 26.1 23.0 34.6
84 62.0 61.8 92.6



#33
Benzene
Concen: 4.627 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU031357.D
Acq: 19 Apr 2019 14:28

Tgt Ion: 78 Resp: 67209

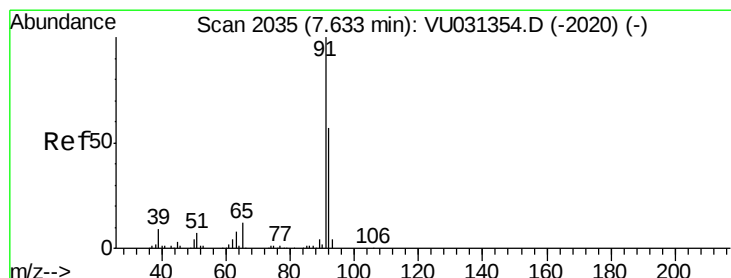
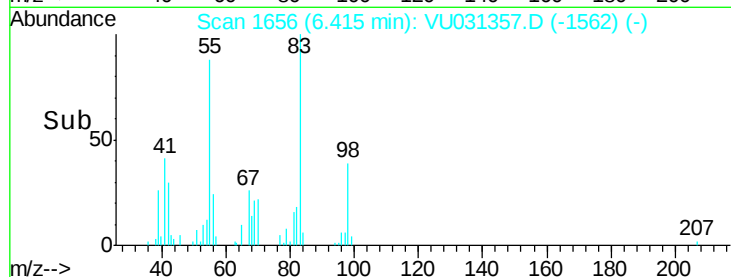
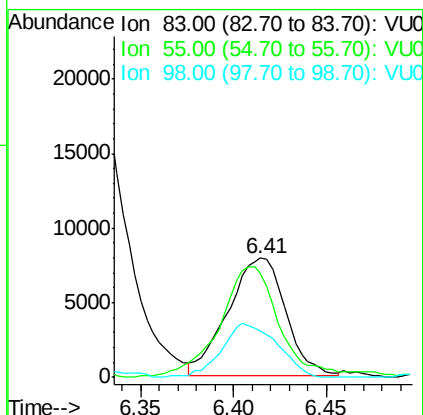
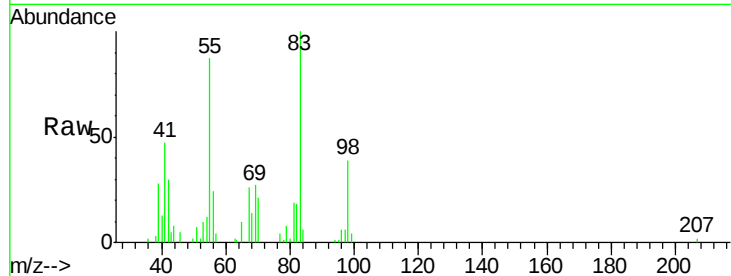




#35
Methvlcvclohexane
Concen: 3.163 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU031357.D
Acq: 19 Apr 2019 14:28

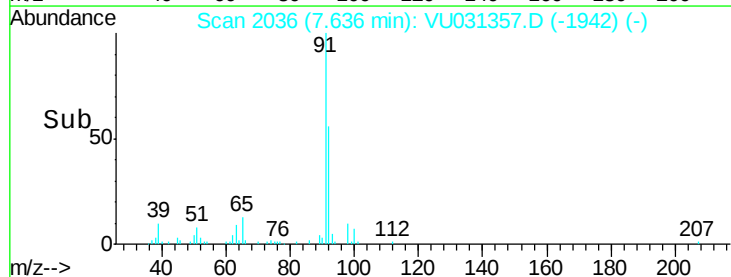
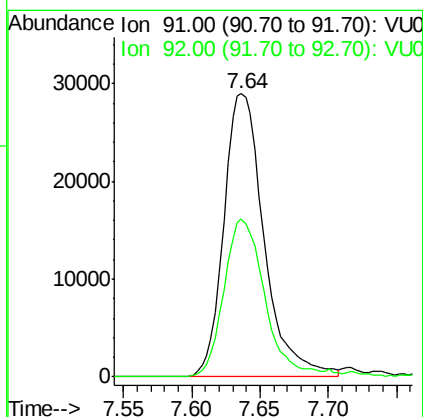
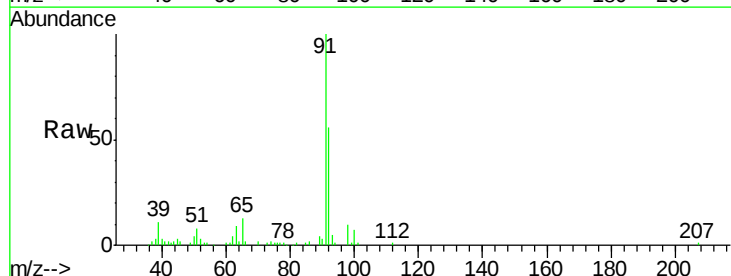
Instrument :
MSVOA_U
ClientSampleId :
GAHH7

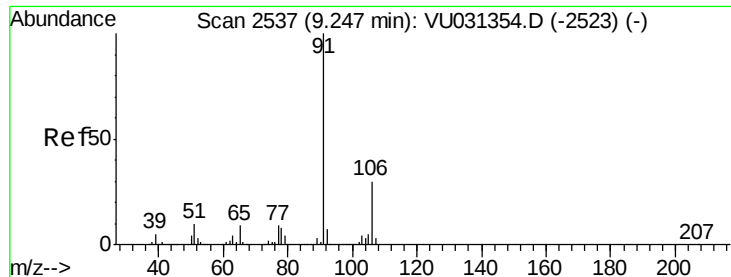
Tot Ion: 83 Resp: 17113
Ion Ratio Lower Upper
83 100
55 92.8 67.0 100.4
98 43.7 36.9 55.3



#42
Toluene
Concen: 4.119 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031357.D
Acq: 19 Apr 2019 14:28

Tgt Ion: 91 Resp: 59519
Ion Ratio Lower Upper
91 100
92 55.9 40.1 74.5





#52

Ethylbenzene

Concen: 5.017 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU031357.D

Acq: 19 Apr 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

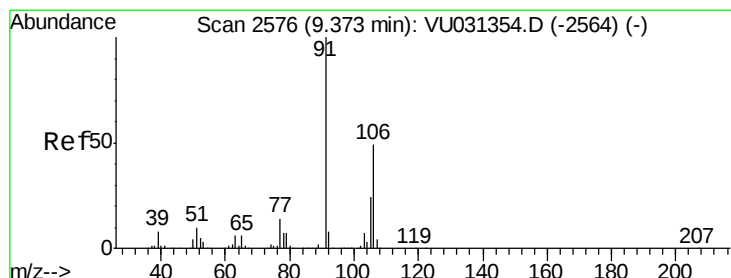
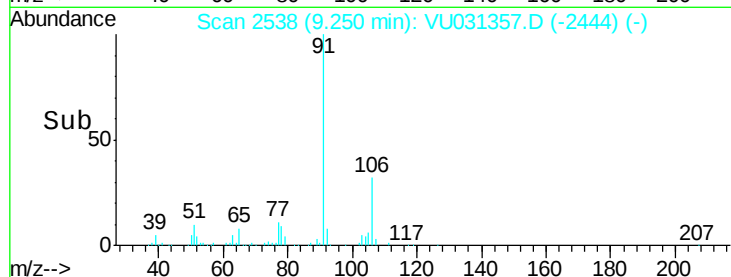
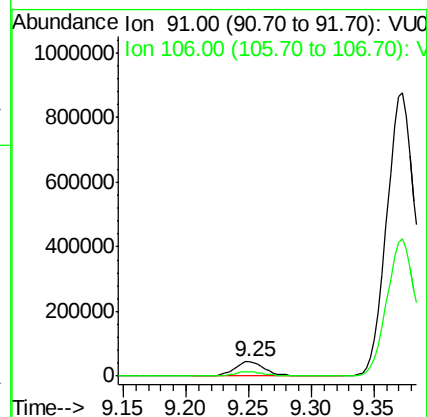
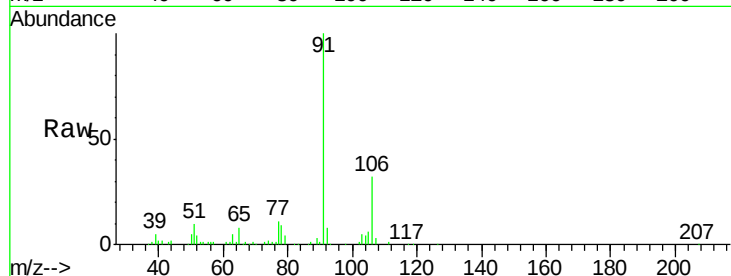
GAHH7

Tot Ion: 91 Resp: 78924

Ion Ratio Lower Upper

91 100

106 31.5 20.9 38.7



#53

m,p-Xylene

Concen: 129.036 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU031357.D

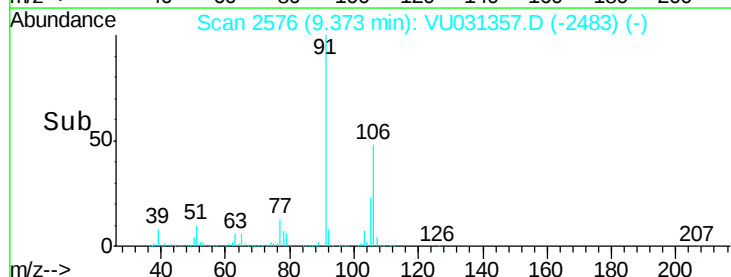
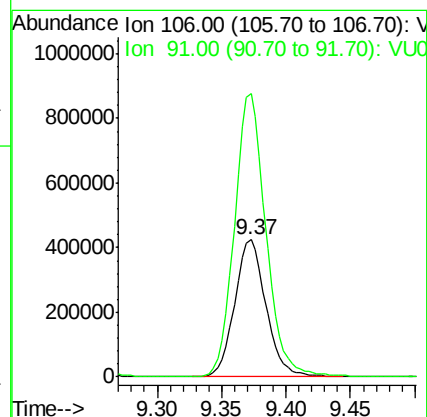
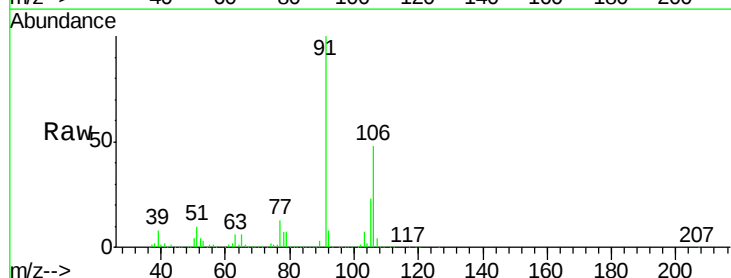
Acq: 19 Apr 2019 14:28

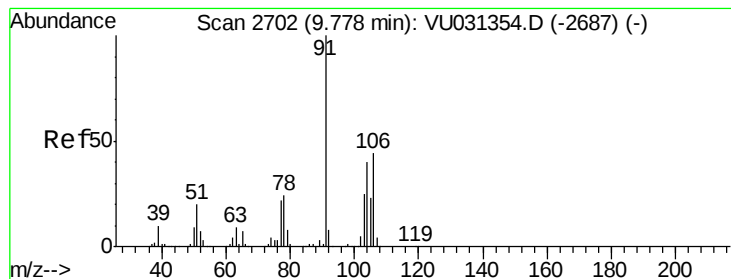
Tgt Ion: 106 Resp: 716306

Ion Ratio Lower Upper

106 100

91 206.7 144.5 268.4





#54

o-xylene

Concen: 65.032 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VU031357.D

Acq: 19 Apr 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

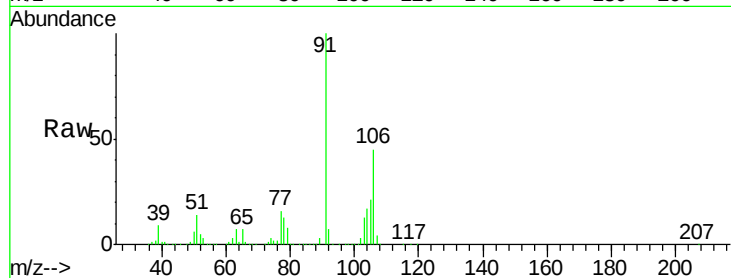
GAHH7

Tot Ion:106 Resp: 365580

Ion Ratio Lower Upper

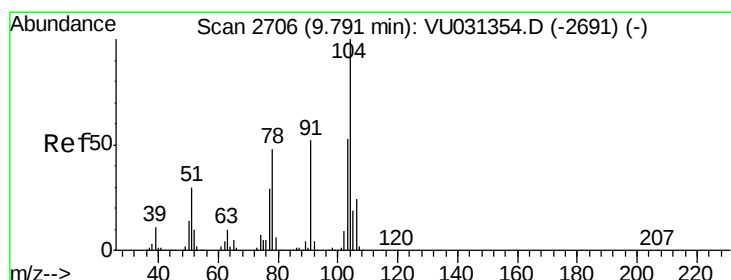
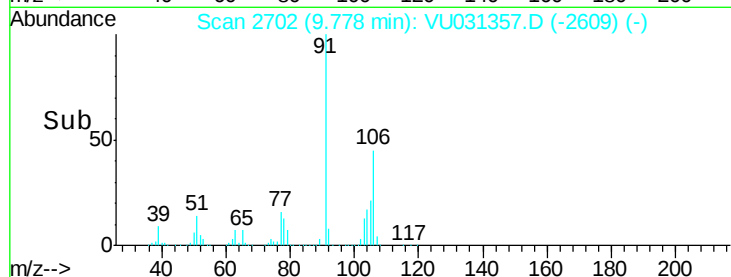
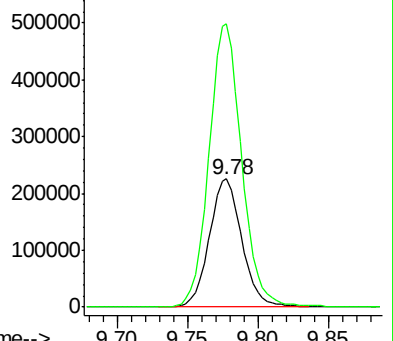
106 100

91 221.1 154.3 286.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 31.086 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VU031357.D

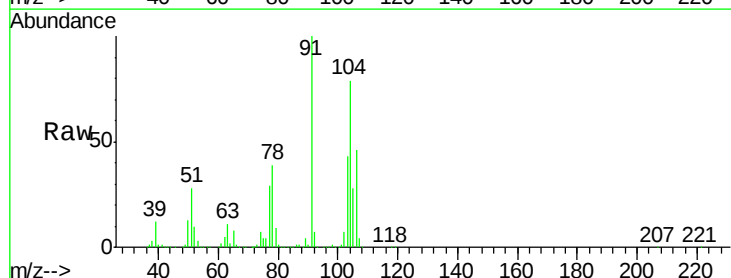
Acq: 19 Apr 2019 14:28

Tgt Ion:104 Resp: 294986

Ion Ratio Lower Upper

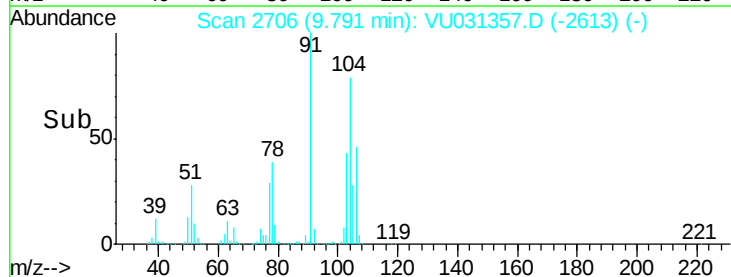
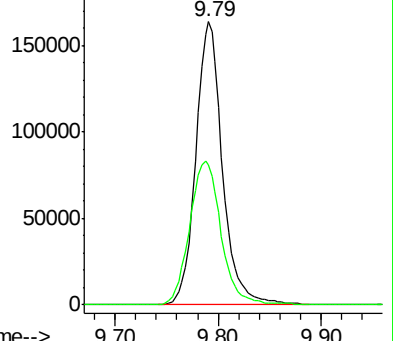
104 100

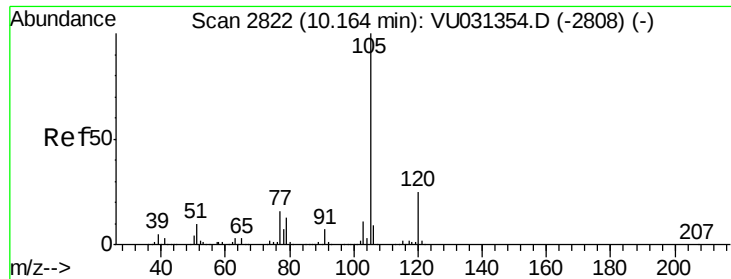
78 49.3 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 1.458 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU031357.D

Acq: 19 Apr 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

GAHH7

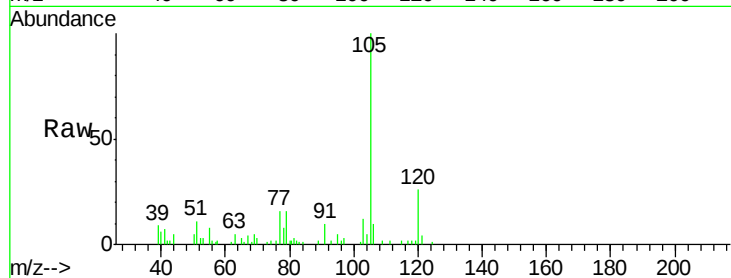
Tot Ion:105 Resp: 21007

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 18.4 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): VU

