

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016820.D
 Acq On : 11 Jun 2020 12:33
 Operator : SY/MD
 Sample : L2929-15MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY1MS

Quant Time: Jun 12 02:37:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345484	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180213	50.00	ug/L	0.00

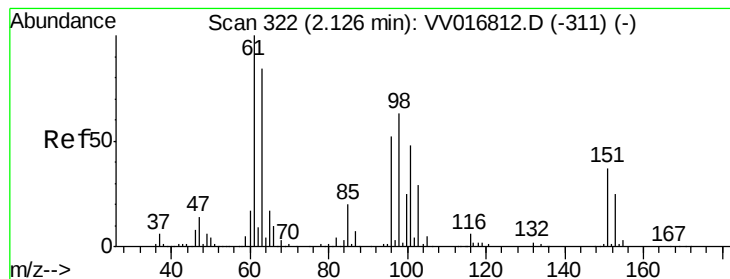
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89797	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.68%
7) Chloroethane-d5	1.55	69	64602	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.12	63	171417	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
21) 2-Butanone-d5	3.90	46	164849	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.37	84	211258	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.05	65	155348	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
32) Benzene-d6	5.07	84	405411	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.14%
36) 1,2-Dichloropropane-d6	6.09	67	127000	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.56%
41) Toluene-d8	7.34	98	373809	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.64	79	65149	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.28%
47) 2-Hexanone-d5	8.11	63	114905	88.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184028	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	175874	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.13	96	77046	44.932 ug/L	90
33) Benzene	5.12	78	515592	52.746 ug/L	100
34) Trichloroethene	5.94	95	120023	45.782 ug/L	99
42) Toluene	7.41	91	505251	49.032 ug/L	100
51) Chlorobenzene	8.90	112	331925	49.372 ug/L	99
52) Ethylbenzene	9.04	91	38052	3.334 ug/L	96
53) m,p-Xylene	9.16	106	3993	0.940 ug/L	92
54) o-xylene	9.57	106	17075	4.074 ug/L	93
56) Isopropylbenzene	9.95	105	119520	10.613 ug/L	99

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



#12

1,1-Dichloroethene

Concen: 44.932 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

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ETTY1MS

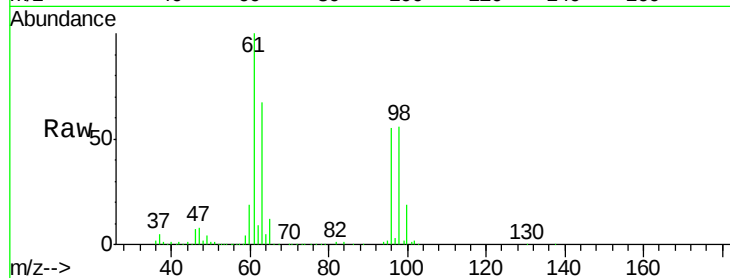
Tgt Ion: 96 Resp: 77046

Ion Ratio Lower Upper

96 100

61 183.2 130.4 242.2

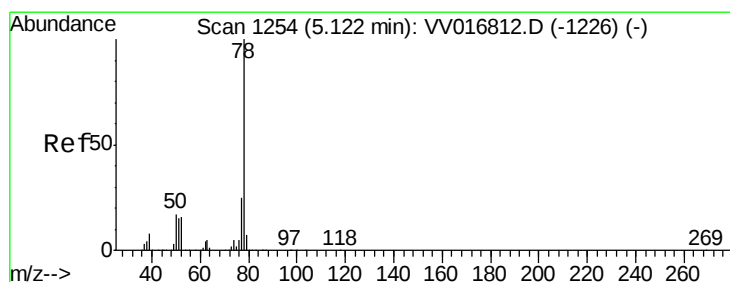
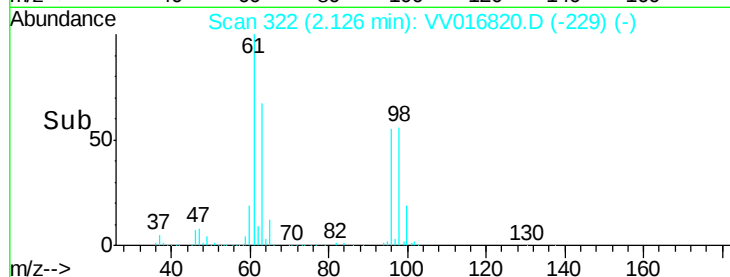
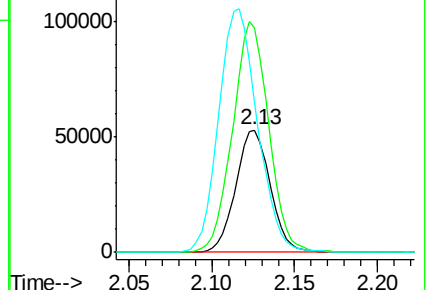
63 122.5 103.3 191.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#33

Benzene

Concen: 52.746 ug/L

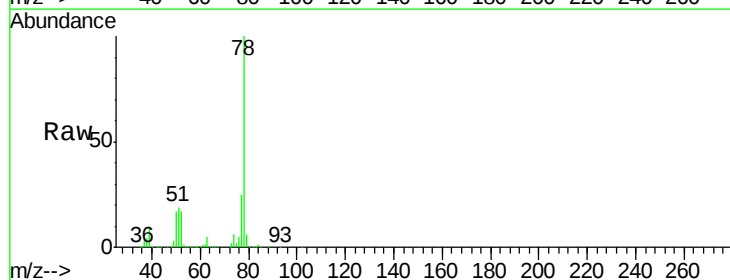
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

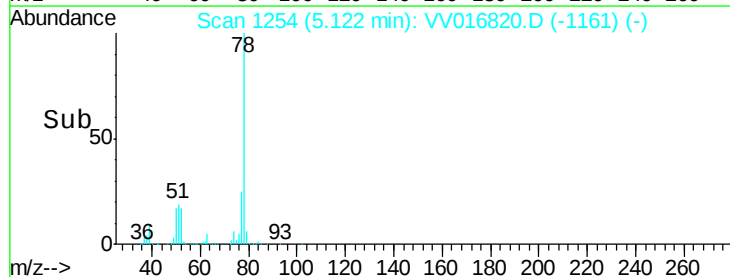
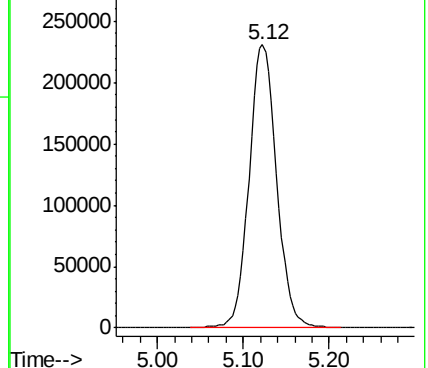
Lab File: VV016820.D

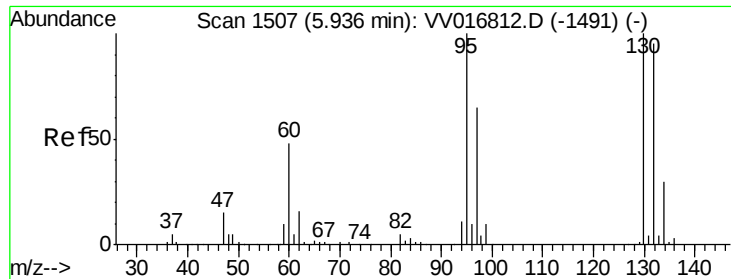
Acq: 11 Jun 2020 12:33

Tgt Ion: 78 Resp: 515592



Abundance Ion 78.00 (77.70 to 78.70): VV0

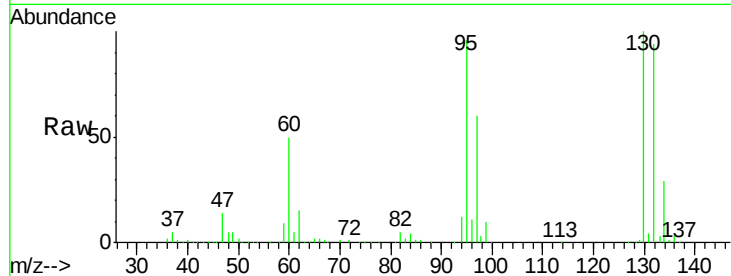




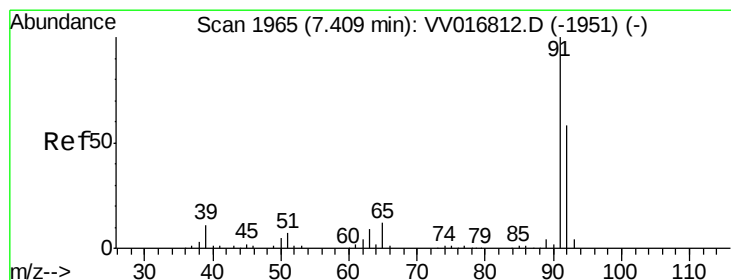
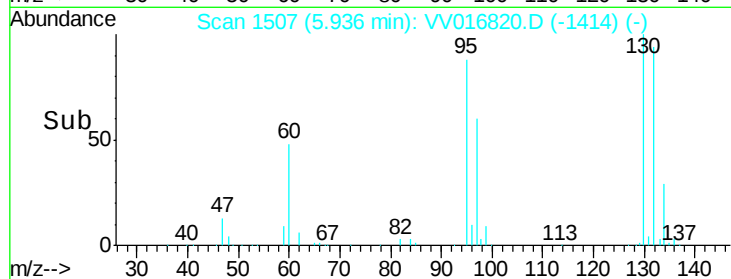
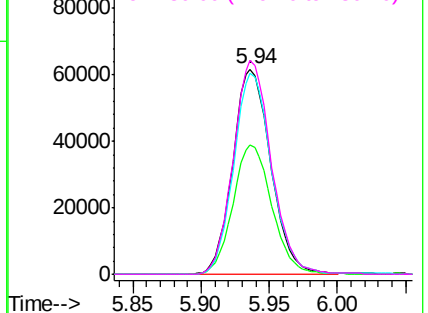
#34
 Trichloroethene
 Concen: 45.782 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016820.D
 Acq: 11 Jun 2020 12:33

Instrument :
 MSVOA_V
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 ETTY1MS

Tgt Ion: 95 Resp: 120023
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.3 82.3
 132 97.6 67.9 126.1
 130 104.1 72.2 134.2

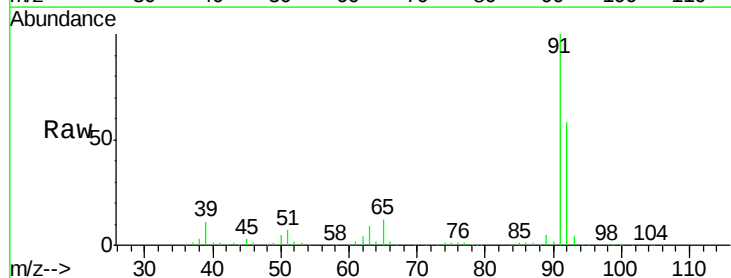


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

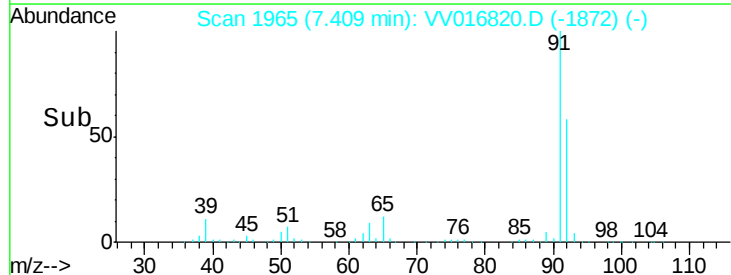
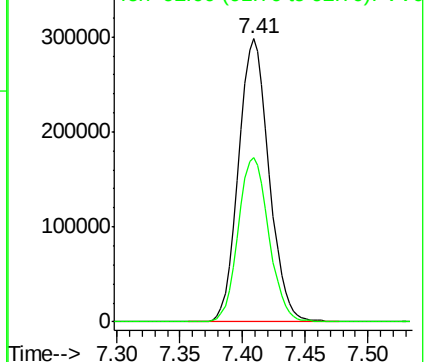


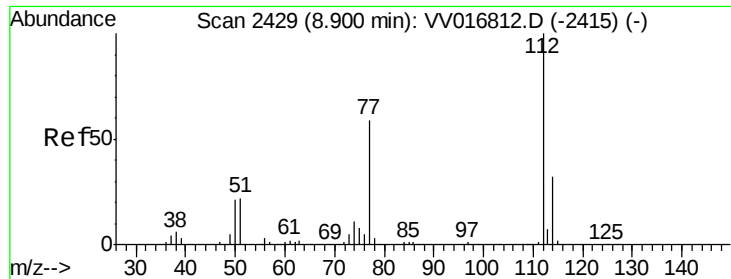
#42
 Toluene
 Concen: 49.032 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016820.D
 Acq: 11 Jun 2020 12:33

Tgt Ion: 91 Resp: 505251
 Ion Ratio Lower Upper
 91 100
 92 58.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#51

Chlorobenzene

Concen: 49.372 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV016820.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

ETTY1MS

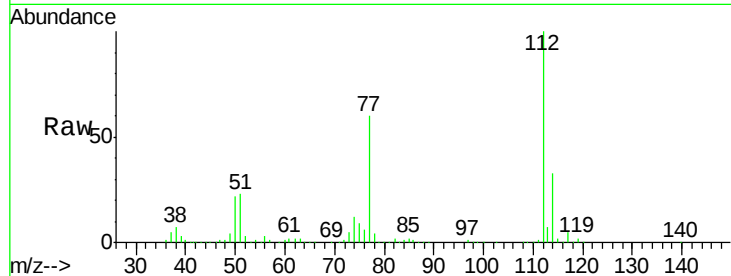
Tgt Ion: 112 Resp: 331925

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

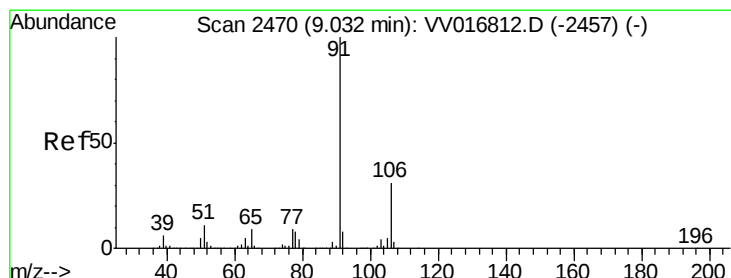
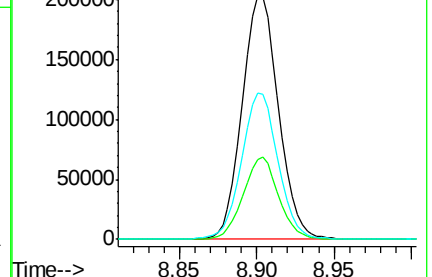
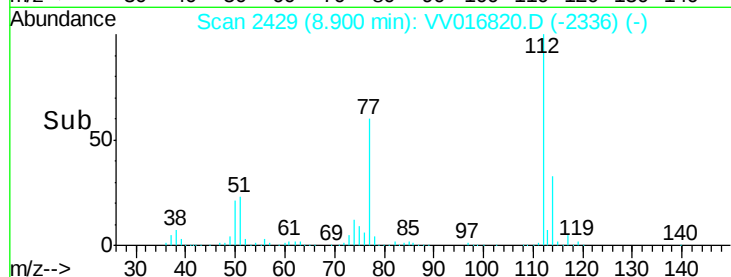
77 60.2 47.9 71.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 3.334 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016820.D

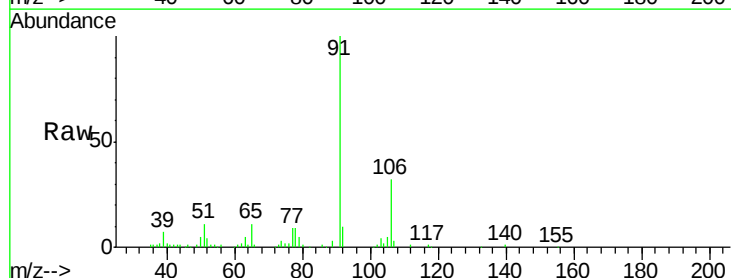
Acq: 11 Jun 2020 12:33

Tgt Ion: 91 Resp: 38052

Ion Ratio Lower Upper

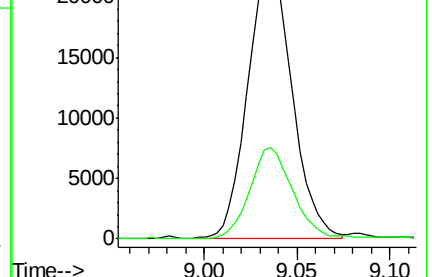
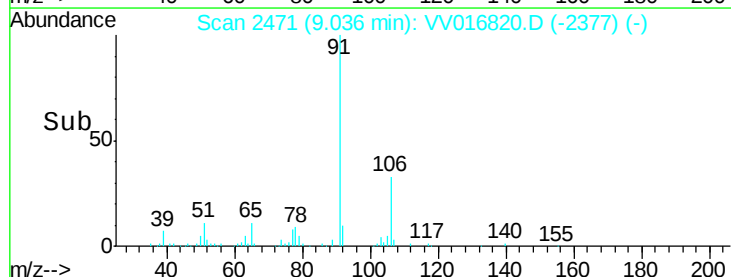
91 100

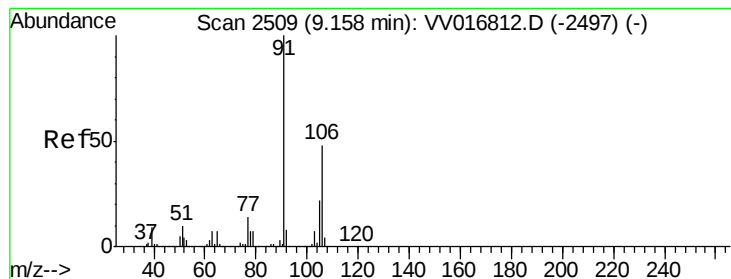
106 32.5 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 0.940 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016820.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

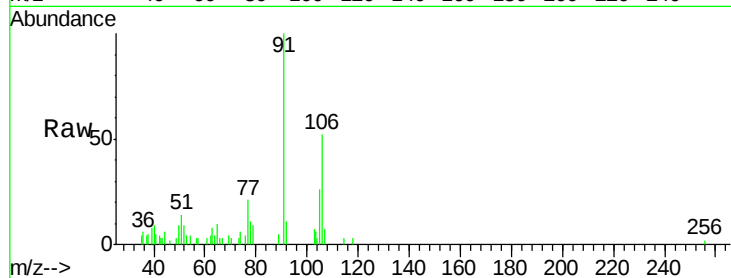
ETTY1MS

Tgt Ion:106 Resp: 3993

Ion Ratio Lower Upper

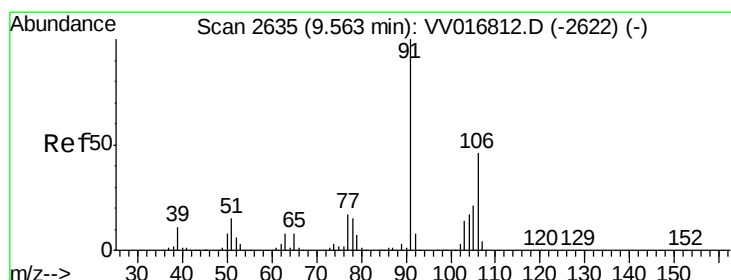
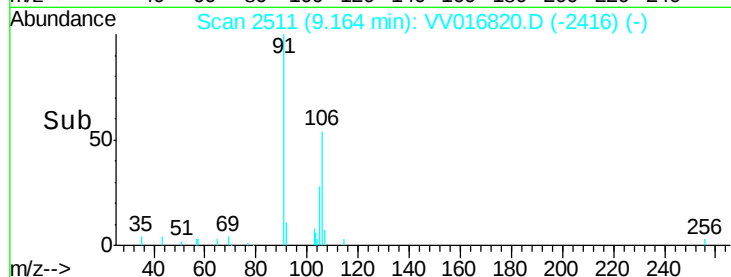
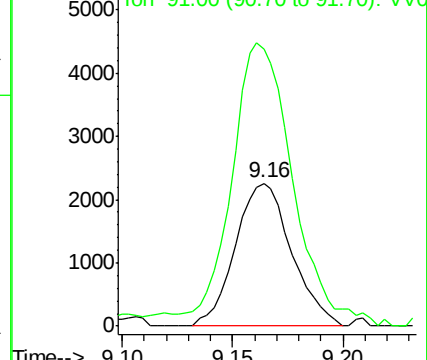
106 100

91 193.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.074 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016820.D

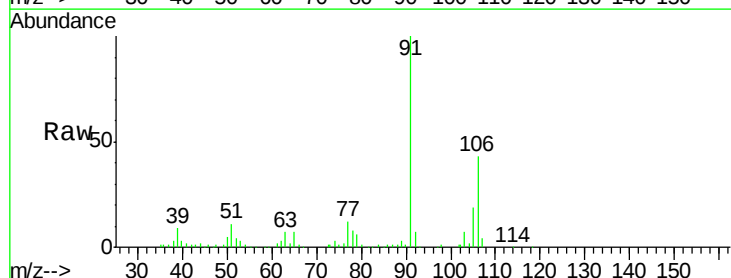
Acq: 11 Jun 2020 12:33

Tgt Ion:106 Resp: 17075

Ion Ratio Lower Upper

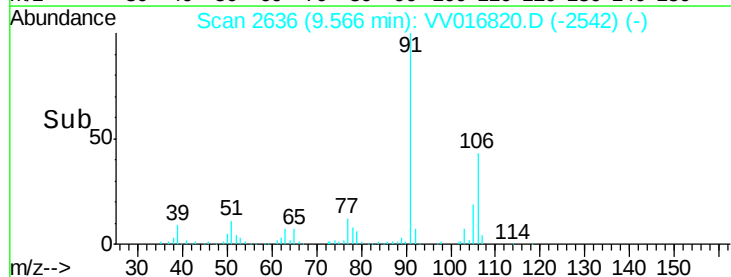
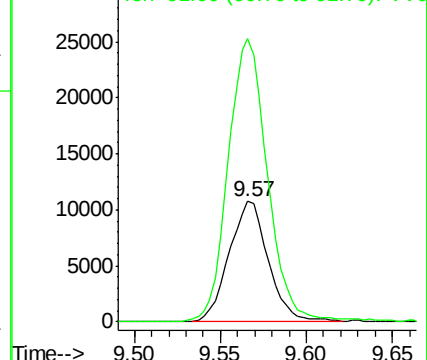
106 100

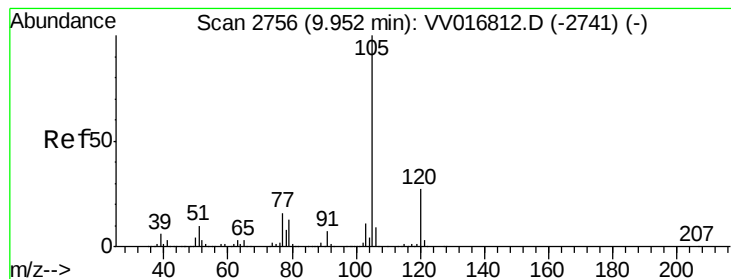
91 234.7 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 10.613 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV016820.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

ETTY1MS

Tgt Ion:105 Resp: 119520

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 16.9 13.0 19.4

