

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016750.D
 Acq On : 10 Jun 2020 05:06
 Operator : SY/MD
 Sample : L2914-11 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E14

Quant Time: Jun 10 06:24:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352472	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166617	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88800	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.40%
7) Chloroethane-d5	1.56	69	68243	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.12	63	128713	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.64%
21) 2-Butanone-d5	3.89	46	186928	101.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.55%
24) Chloroform-d	4.37	84	227491	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.05	65	163891	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.07	84	438249	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.09	67	138022	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.34	98	384665	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%
43) trans-1,3-Dichloropropene-	7.64	79	62678	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.11	63	131157	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193356	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	174634	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

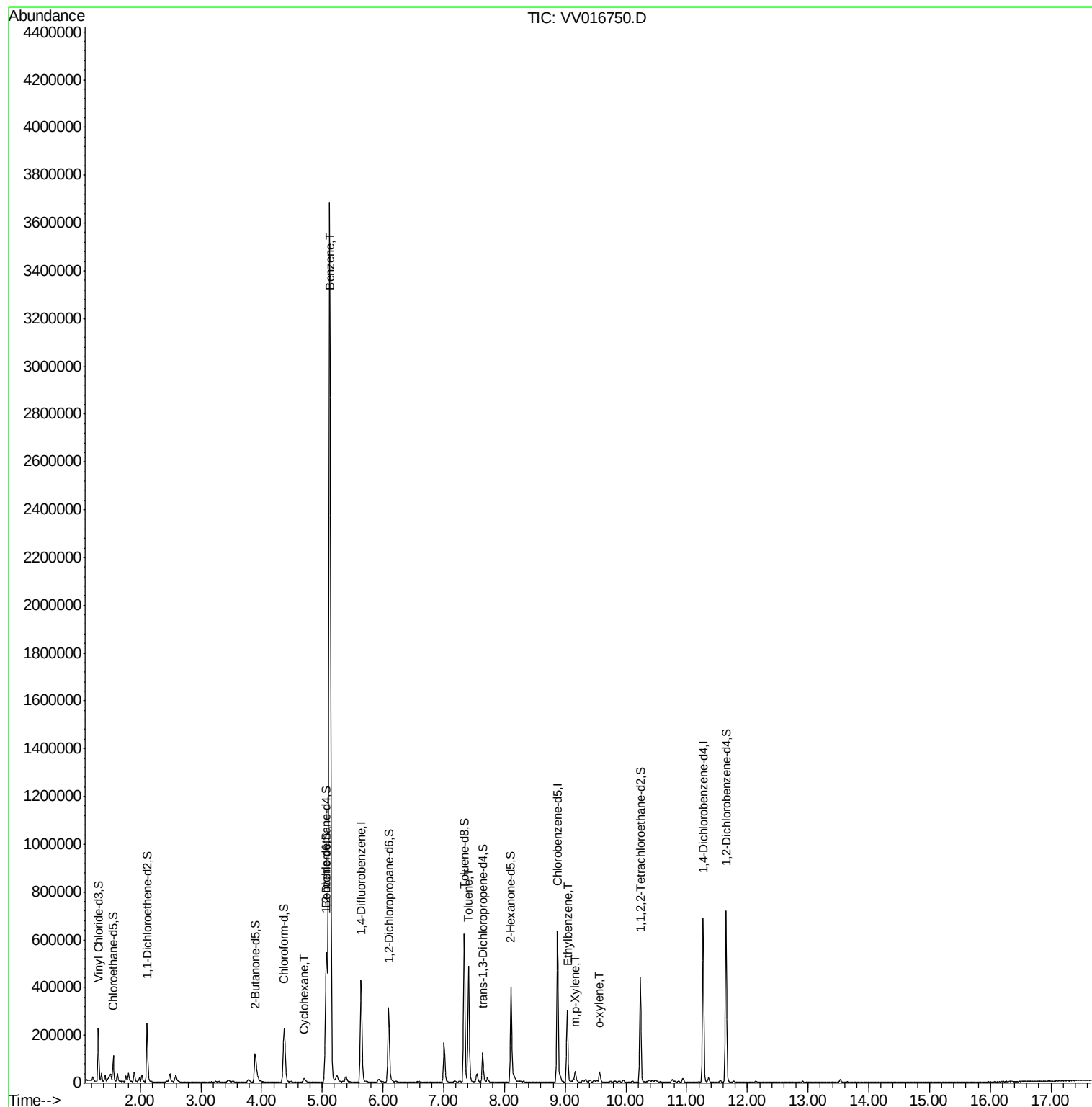
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.70	56	7872	1.913	ug/L	94
33) Benzene	5.12	78	3509730	358.235	ug/L	100
42) Toluene	7.41	91	336301	32.562	ug/L	99
52) Ethylbenzene	9.04	91	203422	17.782	ug/L	97
53) m,p-Xylene	9.17	106	11684	2.743	ug/L	83
54) o-xylene	9.57	106	10940	2.604	ug/L	97

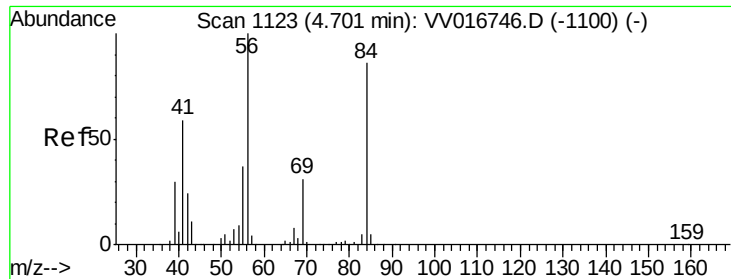
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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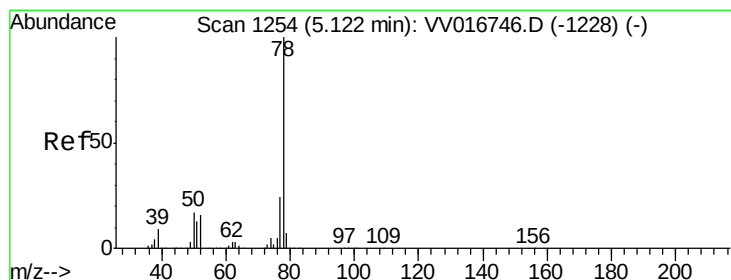
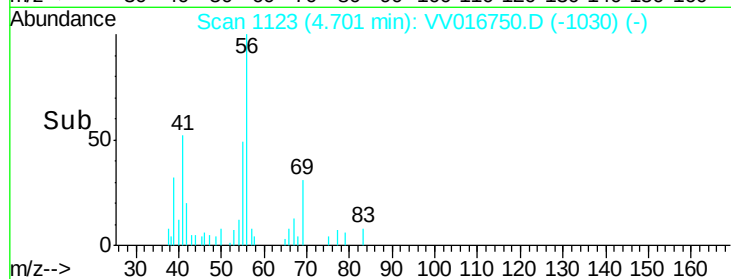
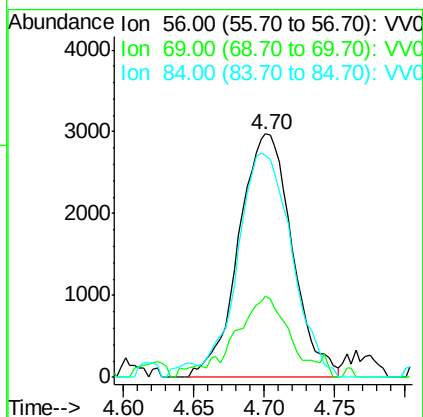
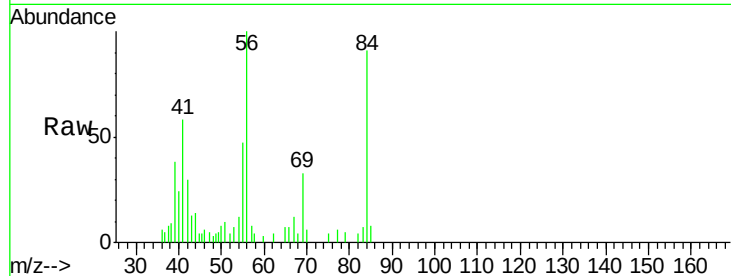




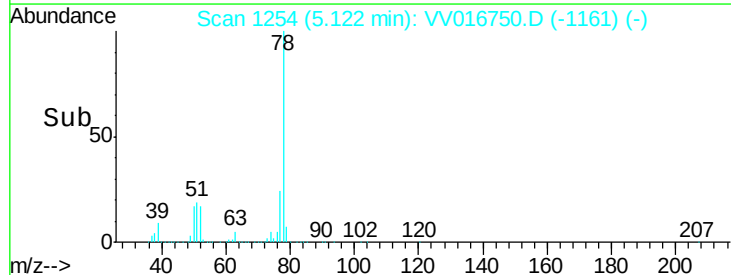
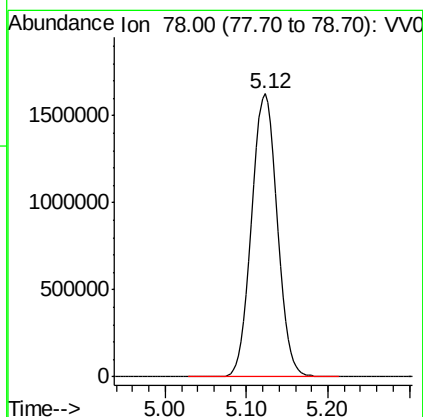
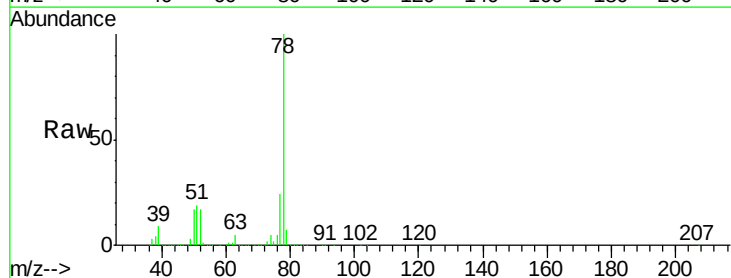
#29
Cyclohexane
Concen: 1.913 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016750.D
Acq: 10 Jun 2020 05:06

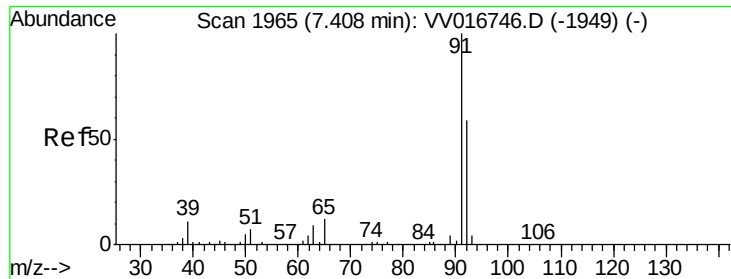
Instrument :
MSVOA_V
ClientSampleId :
F9E14

Tot Ion: 56 Resp: 7872
Ion Ratio Lower Upper
56 100
69 29.2 25.0 37.4
84 92.9 69.5 104.3



#33
Benzene
Concen: 358.235 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016750.D
Acq: 10 Jun 2020 05:06
Tgt Ion: 78 Resp: 3509730





#42

Toluene

Concen: 32.562 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016750.D

Acq: 10 Jun 2020 05:06

Instrument :

MSVOA_V

ClientSampleId :

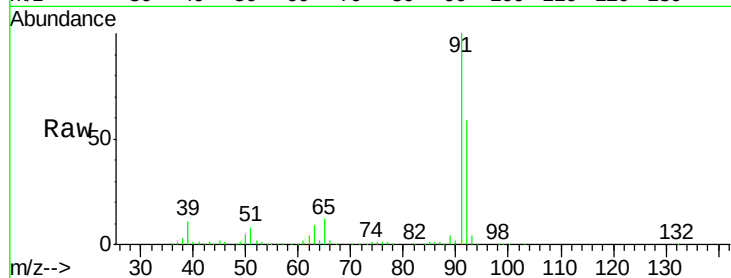
F9E14

Tot Ion: 91 Resp: 336301

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016746.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016750.D (-1872) (-)

7.41

200000

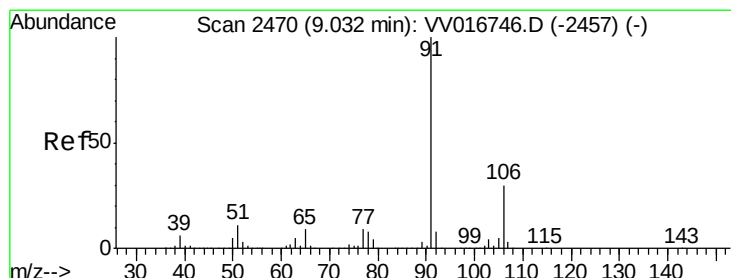
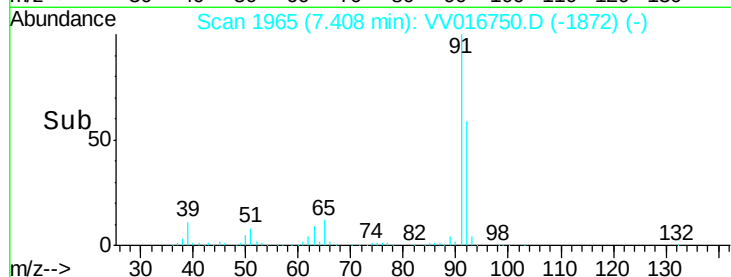
150000

100000

50000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#52

Ethylbenzene

Concen: 17.782 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016750.D

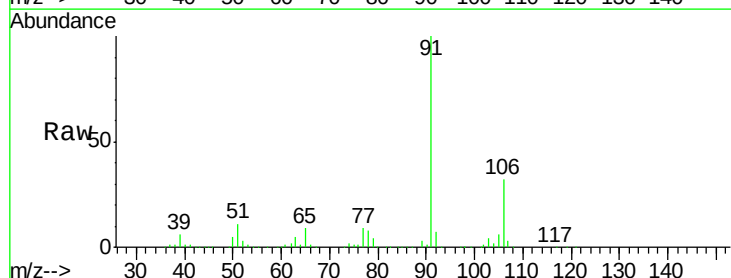
Acq: 10 Jun 2020 05:06

Tgt Ion: 91 Resp: 203422

Ion Ratio Lower Upper

91 100

106 31.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016746.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV016750.D (-2377) (-)

9.04

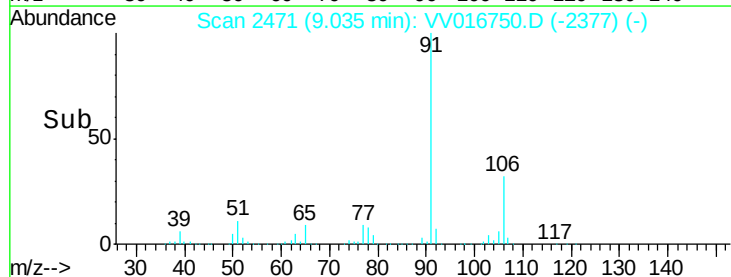
150000

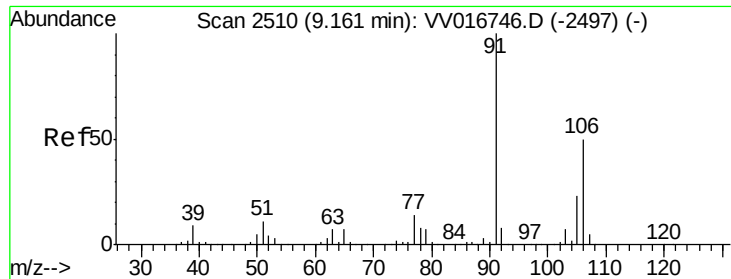
100000

50000

0

Time--> 8.95 9.00 9.05 9.10





#53

m,p-Xylene

Concen: 2.743 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016750.D

Acq: 10 Jun 2020 05:06

Instrument :

MSVOA_V

ClientSampleId :

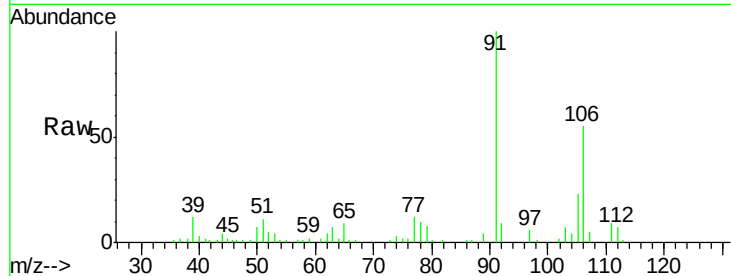
F9E14

Tot Ion:106 Resp: 11684

Ion Ratio Lower Upper

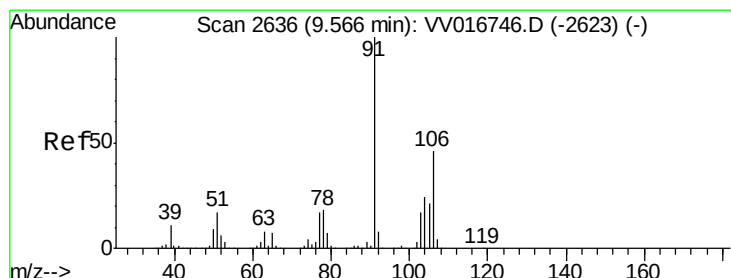
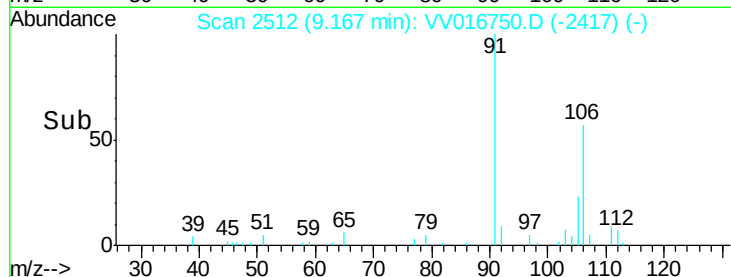
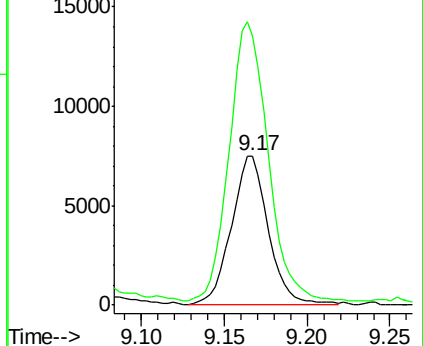
106 100

91 180.7 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.604 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016750.D

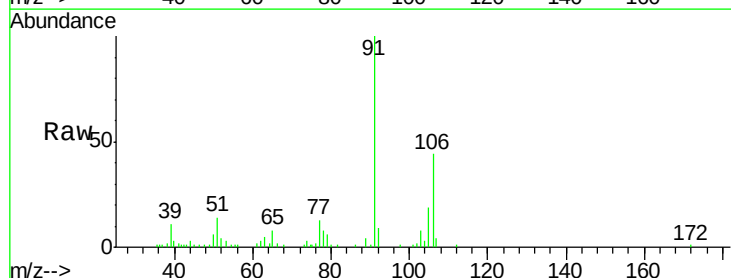
Acq: 10 Jun 2020 05:06

Tgt Ion:106 Resp: 10940

Ion Ratio Lower Upper

106 100

91 227.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

