

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016751.D
 Acq On : 10 Jun 2020 05:30
 Operator : SY/MD
 Sample : L2914-12 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E15

Quant Time: Jun 10 06:28:34 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	360071	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88219	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.44%
7) Chloroethane-d5	1.56	69	69147	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.72%
11) 1,1-Dichloroethene-d2	2.12	63	129285	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	3.89	46	186162	99.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.00%
24) Chloroform-d	4.37	84	226603	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.05	65	165100	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.07	84	434546	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
36) 1,2-Dichloropropane-d6	6.09	67	136327	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.62%
41) Toluene-d8	7.34	98	382960	42.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.52%
43) trans-1,3-Dichloropropene-	7.64	79	61318	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.11	63	125000	94.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193428	48.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	172789	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

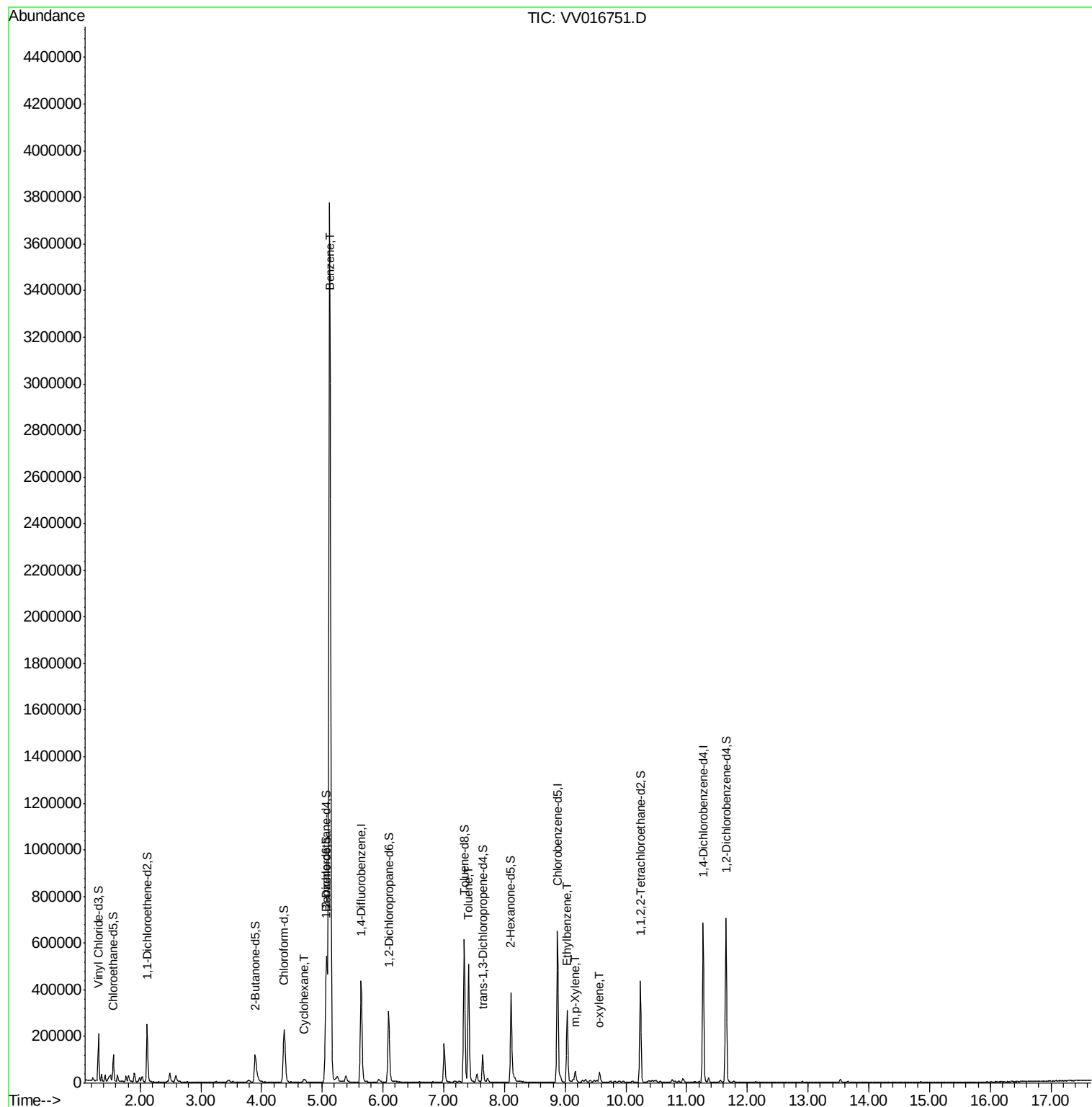
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.70	56	7366	1.751	ug/L	96
33) Benzene	5.12	78	3599411	359.284	ug/L	100
42) Toluene	7.41	91	347344	32.889	ug/L	98
52) Ethylbenzene	9.03	91	208724	17.843	ug/L	99
53) m,p-Xylene	9.16	106	10903	2.503	ug/L	98
54) o-xylene	9.57	106	10878	2.532	ug/L	99

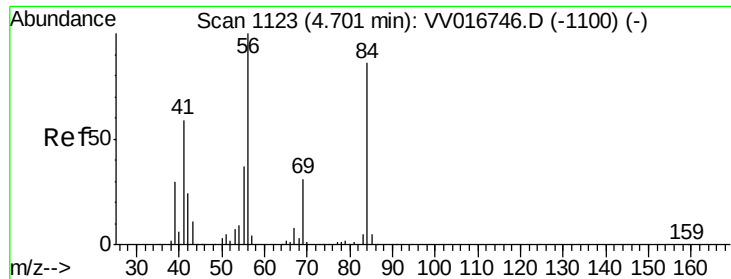
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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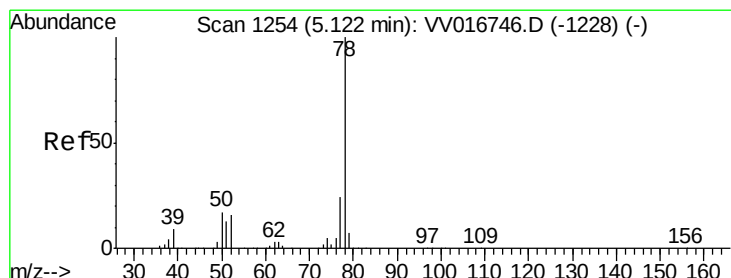
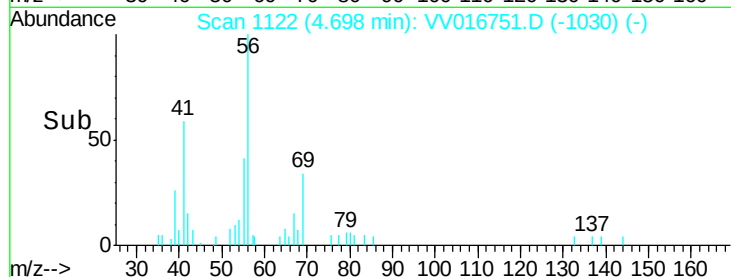
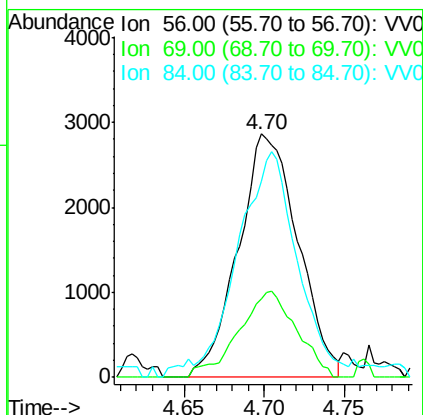
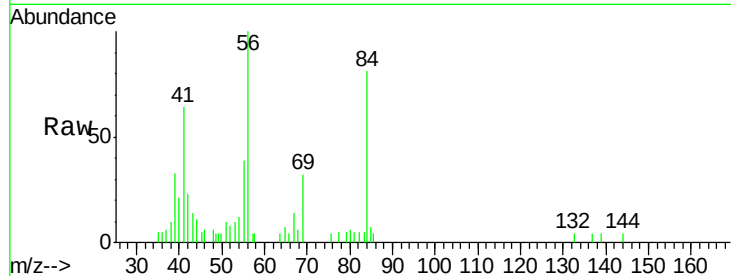




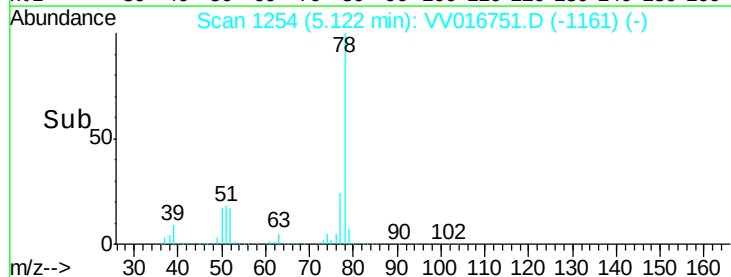
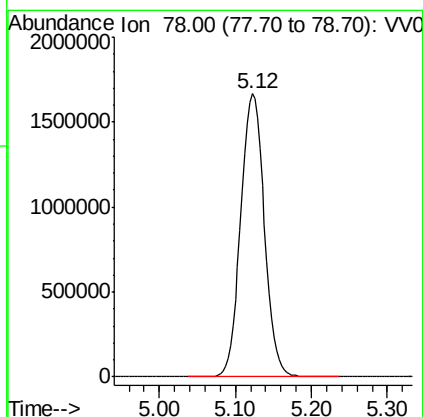
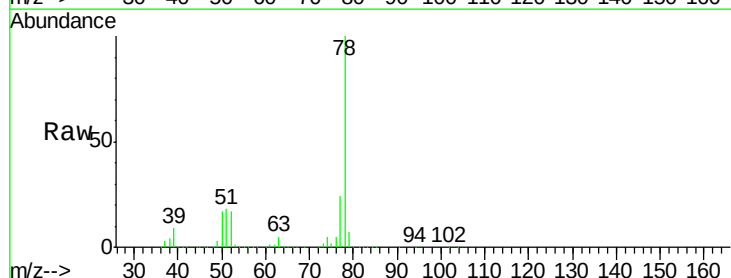
#29
Cyclohexane
Concen: 1.751 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016751.D
Acq: 10 Jun 2020 05:30

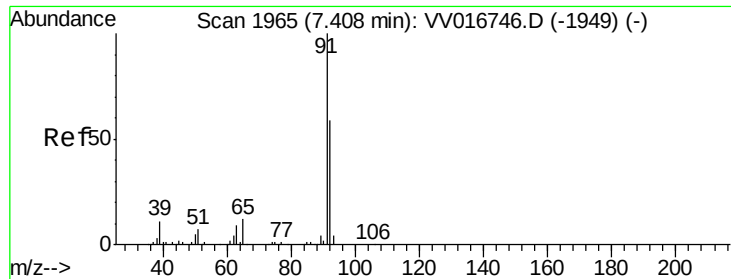
Instrument :
MSVOA_V
ClientSampleId :
F9E15

Tot Ion: 56 Resp: 7366
Ion Ratio Lower Upper
56 100
69 32.4 25.0 37.4
84 91.2 69.5 104.3



#33
Benzene
Concen: 359.284 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016751.D
Acq: 10 Jun 2020 05:30
Tgt Ion: 78 Resp: 3599411





#42

Toluene

Concen: 32.889 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016751.D

Acq: 10 Jun 2020 05:30

Instrument :

MSVOA_V

ClientSampleId :

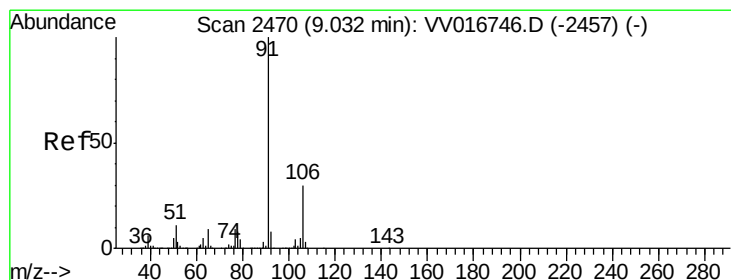
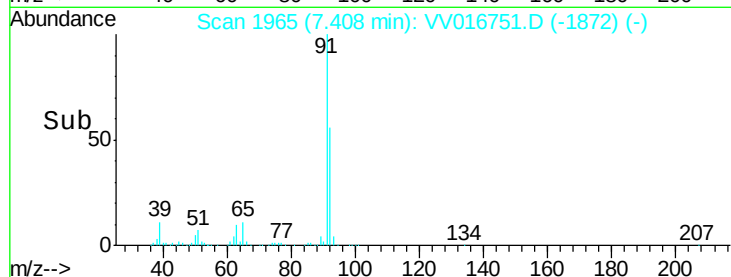
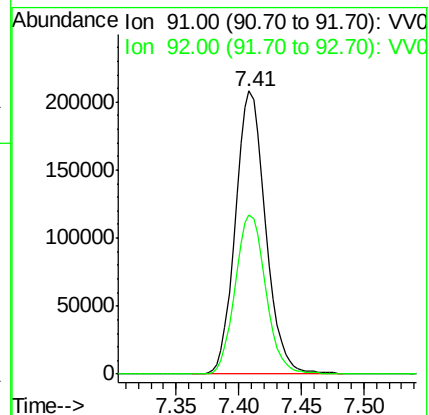
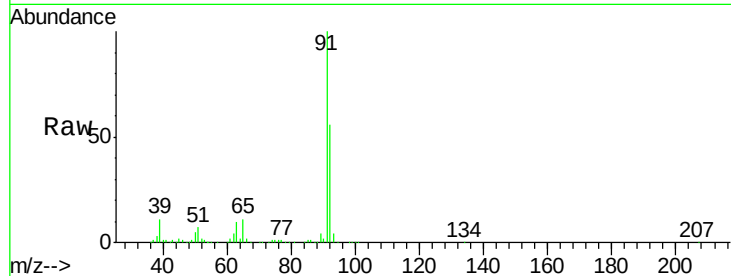
F9E15

Tot Ion: 91 Resp: 347344

Ion Ratio Lower Upper

91 100

92 56.4 40.4 75.0



#52

Ethylbenzene

Concen: 17.843 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016751.D

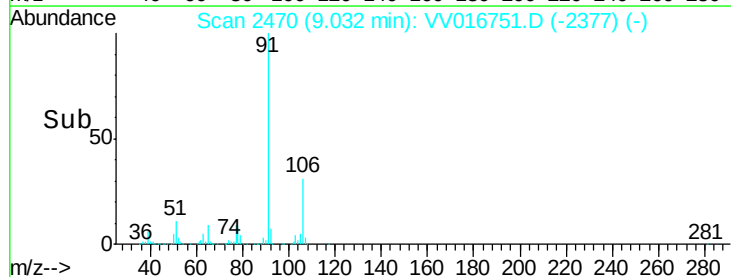
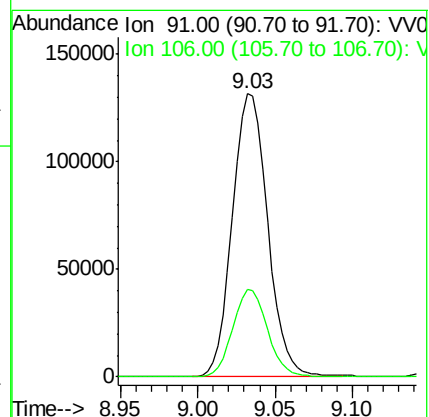
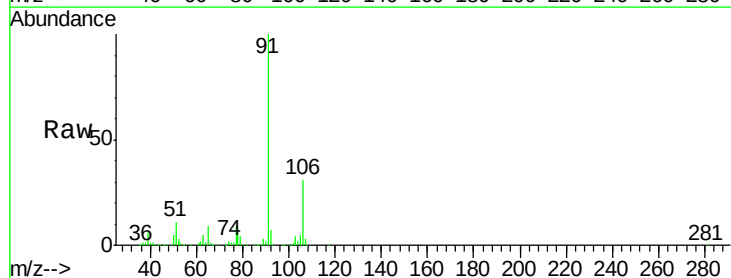
Acq: 10 Jun 2020 05:30

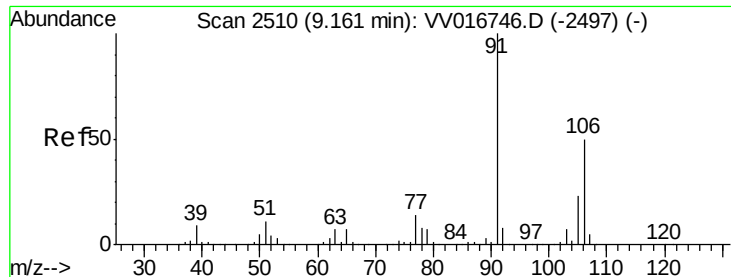
Tgt Ion: 91 Resp: 208724

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1





#53

m,p-Xylene

Concen: 2.503 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016751.D

Acq: 10 Jun 2020 05:30

Instrument :

MSVOA_V

ClientSampleId :

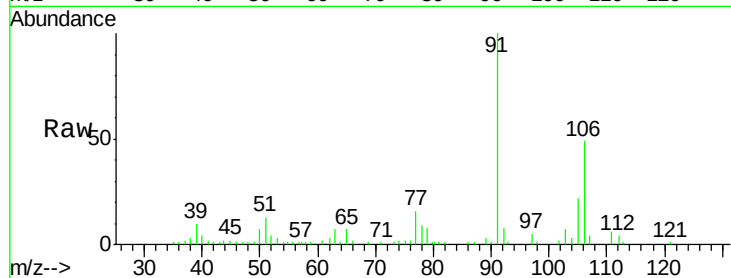
F9E15

Tot Ion:106 Resp: 10903

Ion Ratio Lower Upper

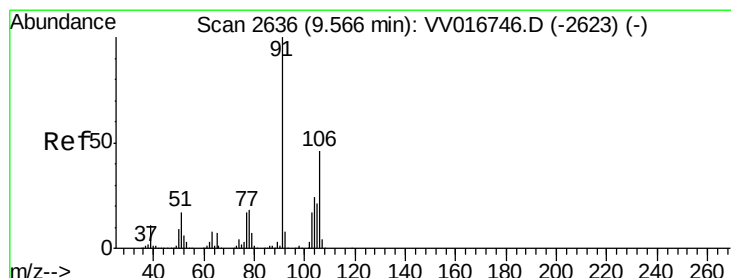
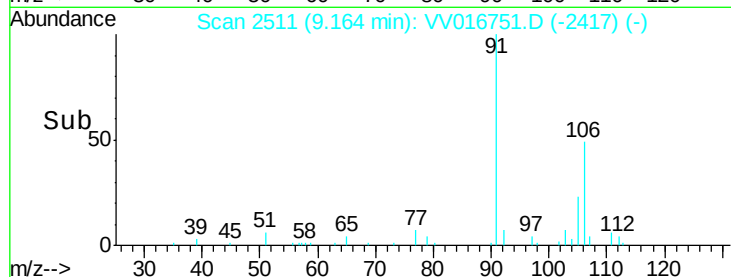
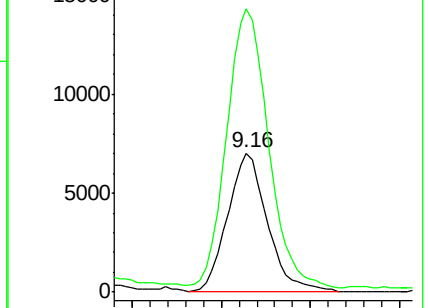
106 100

91 203.4 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.532 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016751.D

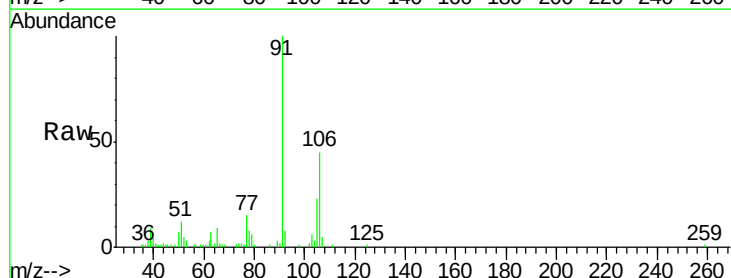
Acq: 10 Jun 2020 05:30

Tgt Ion:106 Resp: 10878

Ion Ratio Lower Upper

106 100

91 220.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

