

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016852.D
 Acq On : 12 Jun 2020 01:34
 Operator : SY/MD
 Sample : L2915-13DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E21DL

Quant Time: Jun 12 07:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105004	41.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.82%
7) Chloroethane-d5	1.56	69	74475	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.08%
11) 1,1-Dichloroethene-d2	2.12	63	142075	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.89	46	162459	87.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.61%
24) Chloroform-d	4.37	84	222303	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
26) 1,2-Dichloroethane-d4	5.05	65	160116	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.07	84	432813	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.09	67	129813	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.42%
41) Toluene-d8	7.34	98	391645	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.64	79	63857	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
47) 2-Hexanone-d5	8.11	63	99264	75.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170003	42.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	168095	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

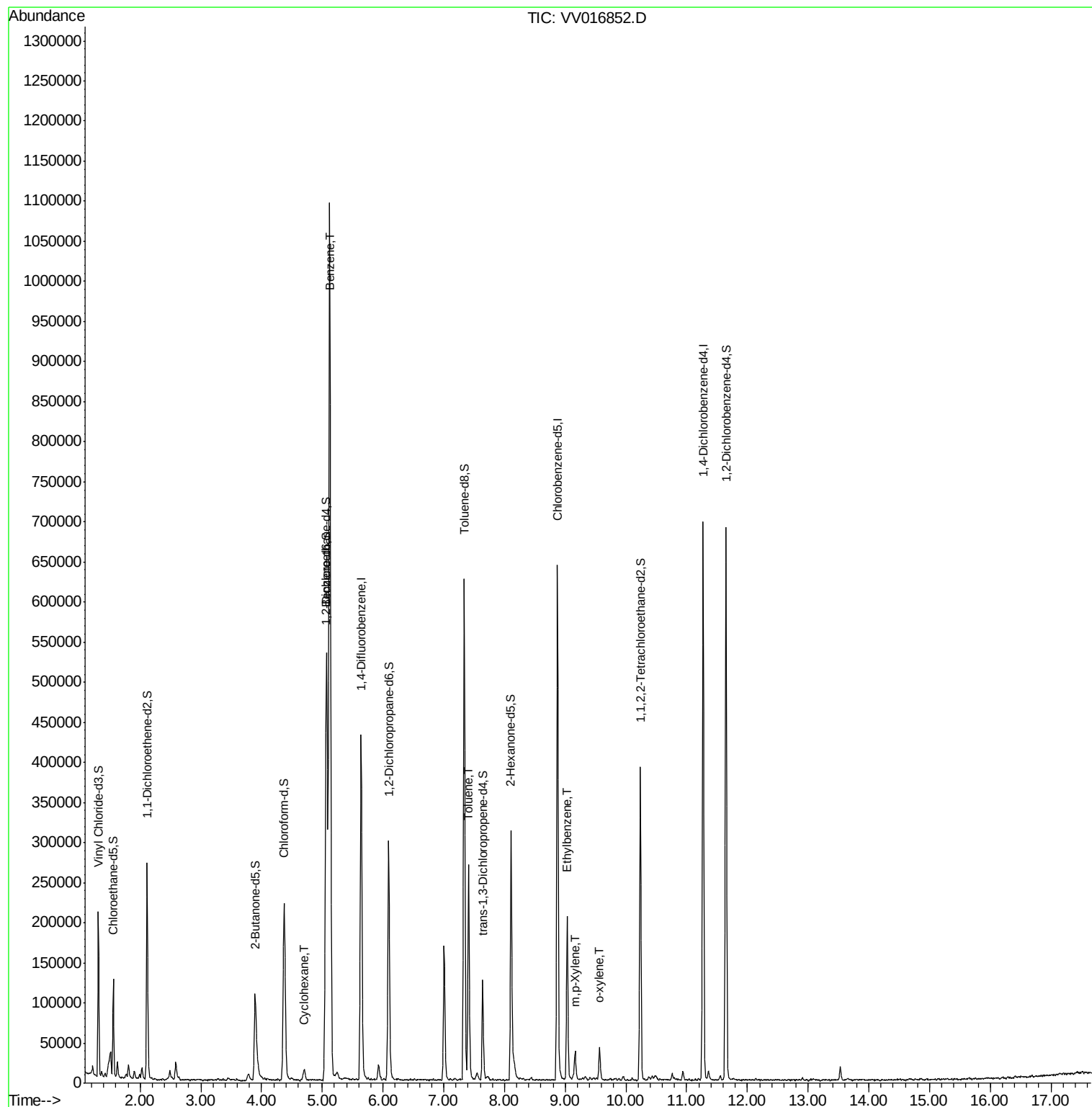
					Qvalue
29) Cyclohexane	4.70	56	5384	1.296 ug/L	88
33) Benzene	5.12	78	1050201	106.169 ug/L	100
42) Toluene	7.41	91	187645	17.995 ug/L	100
52) Ethylbenzene	9.03	91	134864	11.676 ug/L	99
53) m,p-Xylene	9.16	106	9780	2.274 ug/L	94
54) o-xylene	9.57	106	10649	2.511 ug/L	88

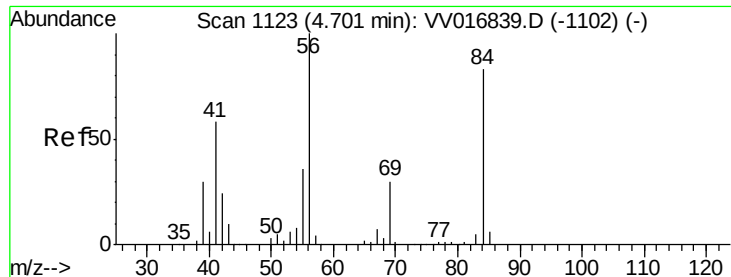
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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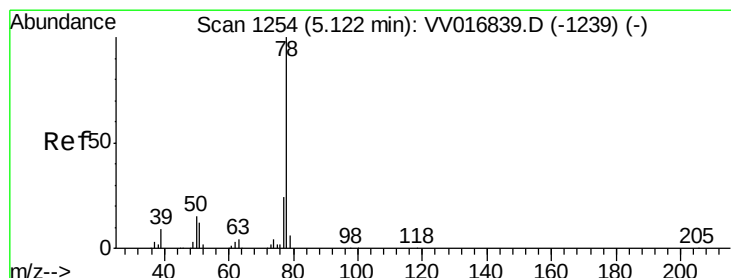
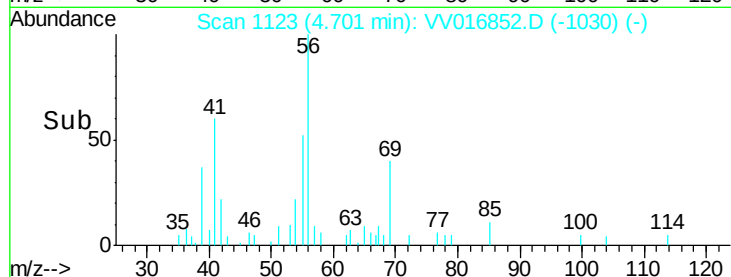
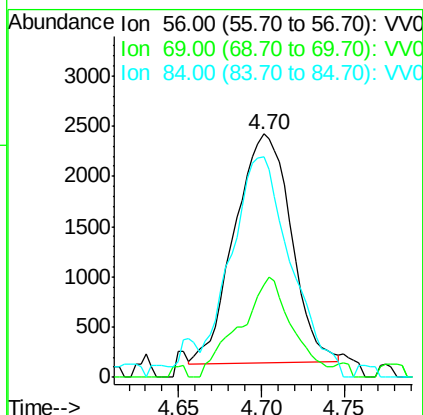
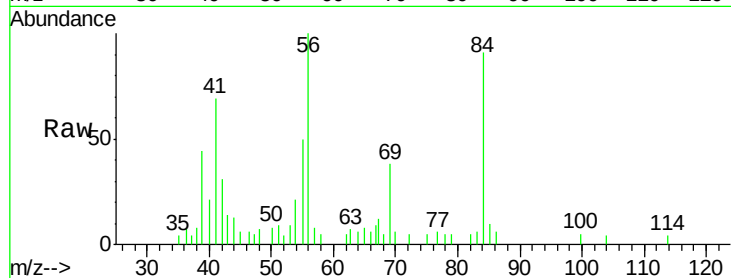




#29
Cyclohexane
Concen: 1.296 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV016852.D
Acq: 12 Jun 2020 01:34

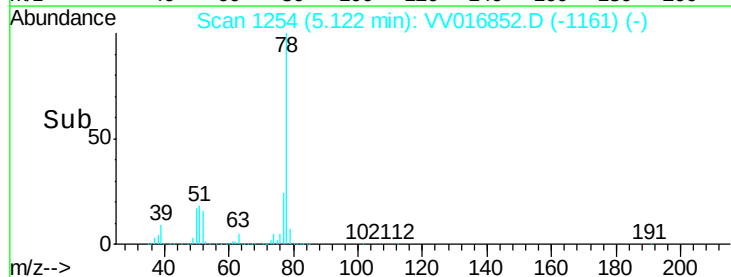
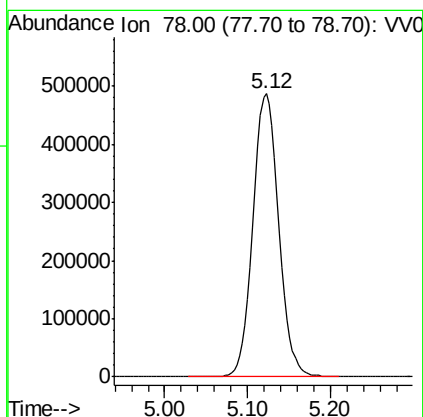
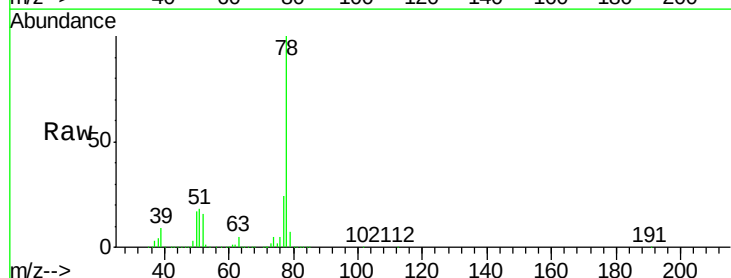
Instrument :
MSVOA_V
ClientSampleId :
F9E21DL

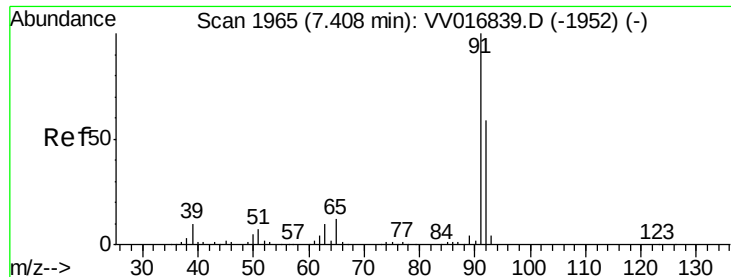
Tgt Ion: 56 Resp: 5384
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 102.3 69.5 104.3



#33
Benzene
Concen: 106.169 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016852.D
Acq: 12 Jun 2020 01:34

Tgt Ion: 78 Resp: 1050201





#42

Toluene

Concen: 17.995 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016852.D

Acq: 12 Jun 2020 01:34

Instrument :

MSVOA_V

ClientSampleId :

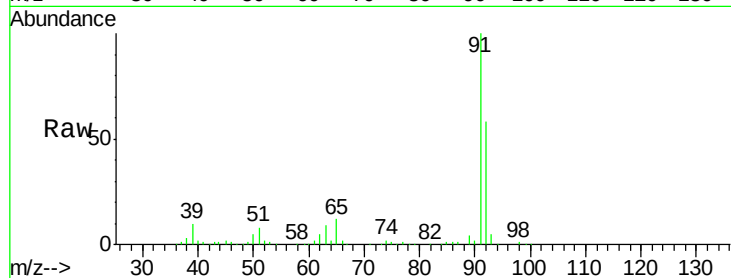
F9E21DL

Tgt Ion: 91 Resp: 187645

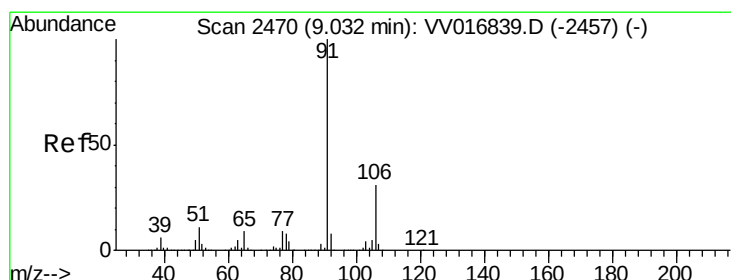
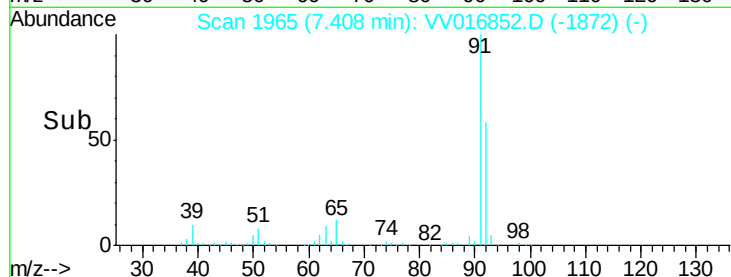
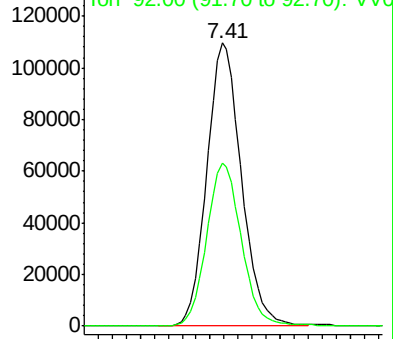
Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016839.D (-1952) (-)



#52

Ethylbenzene

Concen: 11.676 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016852.D

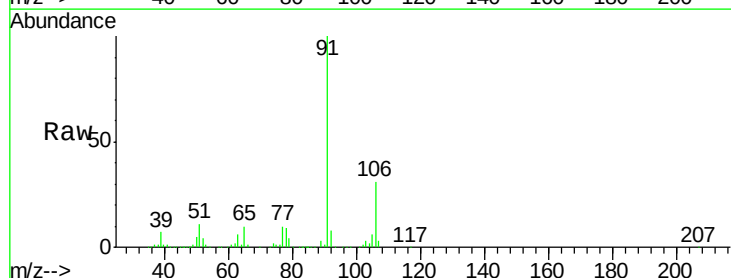
Acq: 12 Jun 2020 01:34

Tgt Ion: 91 Resp: 134864

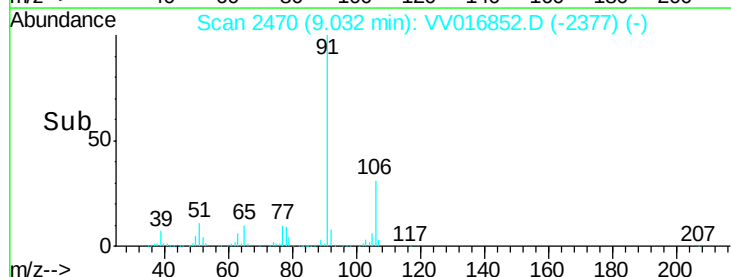
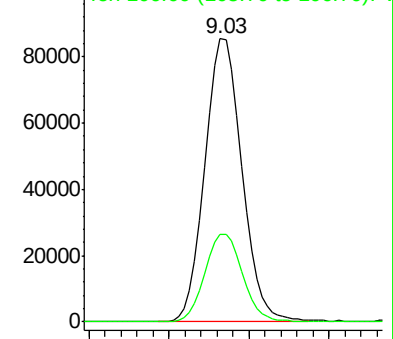
Ion Ratio Lower Upper

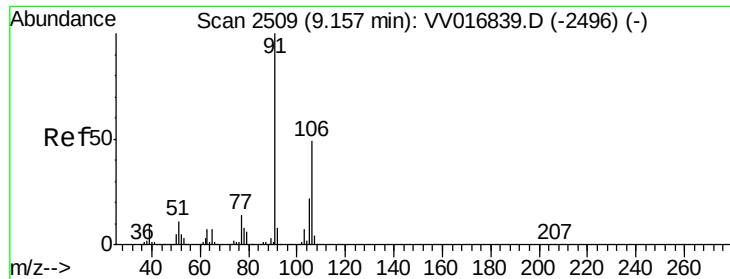
91 100

106 30.8 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016839.D (-2457) (-)





#53

m,p-Xylene

Concen: 2.274 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016852.D

Acq: 12 Jun 2020 01:34

Instrument :

MSVOA_V

ClientSampleId :

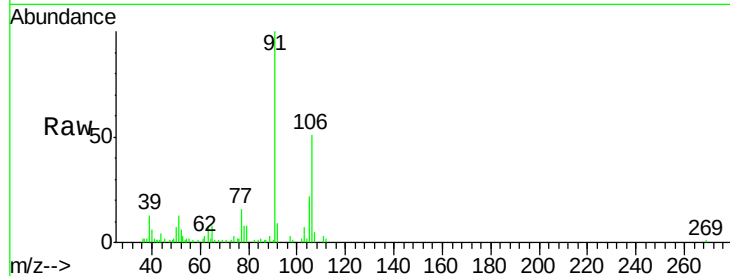
F9E21DL

Tgt Ion:106 Resp: 9780

Ion Ratio Lower Upper

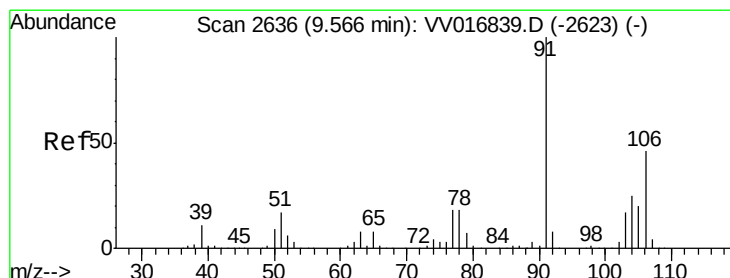
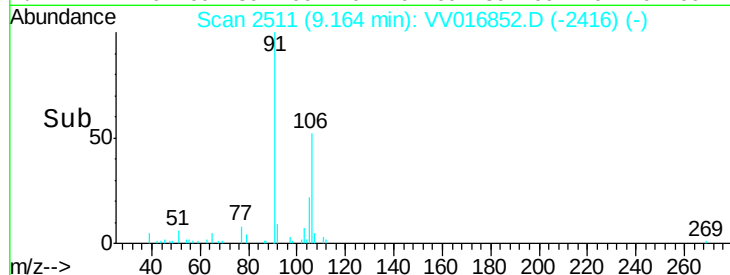
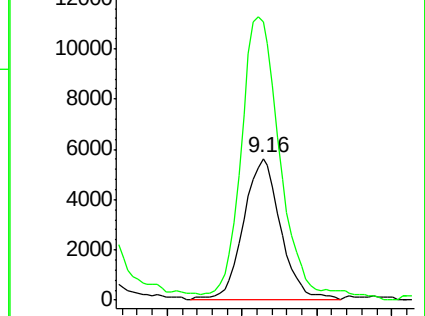
106 100

91 196.6 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.511 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016852.D

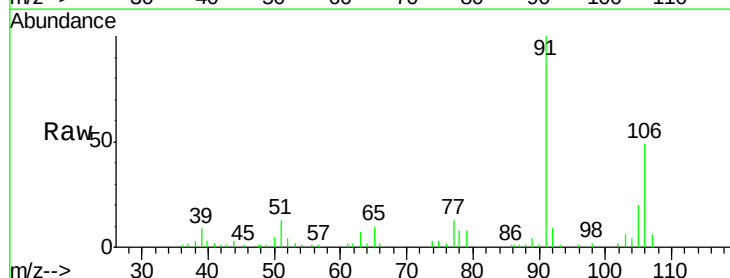
Acq: 12 Jun 2020 01:34

Tgt Ion:106 Resp: 10649

Ion Ratio Lower Upper

106 100

91 203.7 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

