

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016930.D
 Acq On : 15 Jun 2020 12:31
 Operator : SY/MD
 Sample : L2914-04 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98

Quant Time: Jun 16 14:56:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108647	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.88%
7) Chloroethane-d5	1.56	69	73525	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.34%
11) 1,1-Dichloroethene-d2	2.12	63	148033	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	3.90	46	170211	86.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.66%
24) Chloroform-d	4.37	84	233664	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	166043	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.07	84	462950	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.09	67	143271	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.34	98	422577	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.64	79	73459	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.11	63	100792	74.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174029	42.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	175663	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

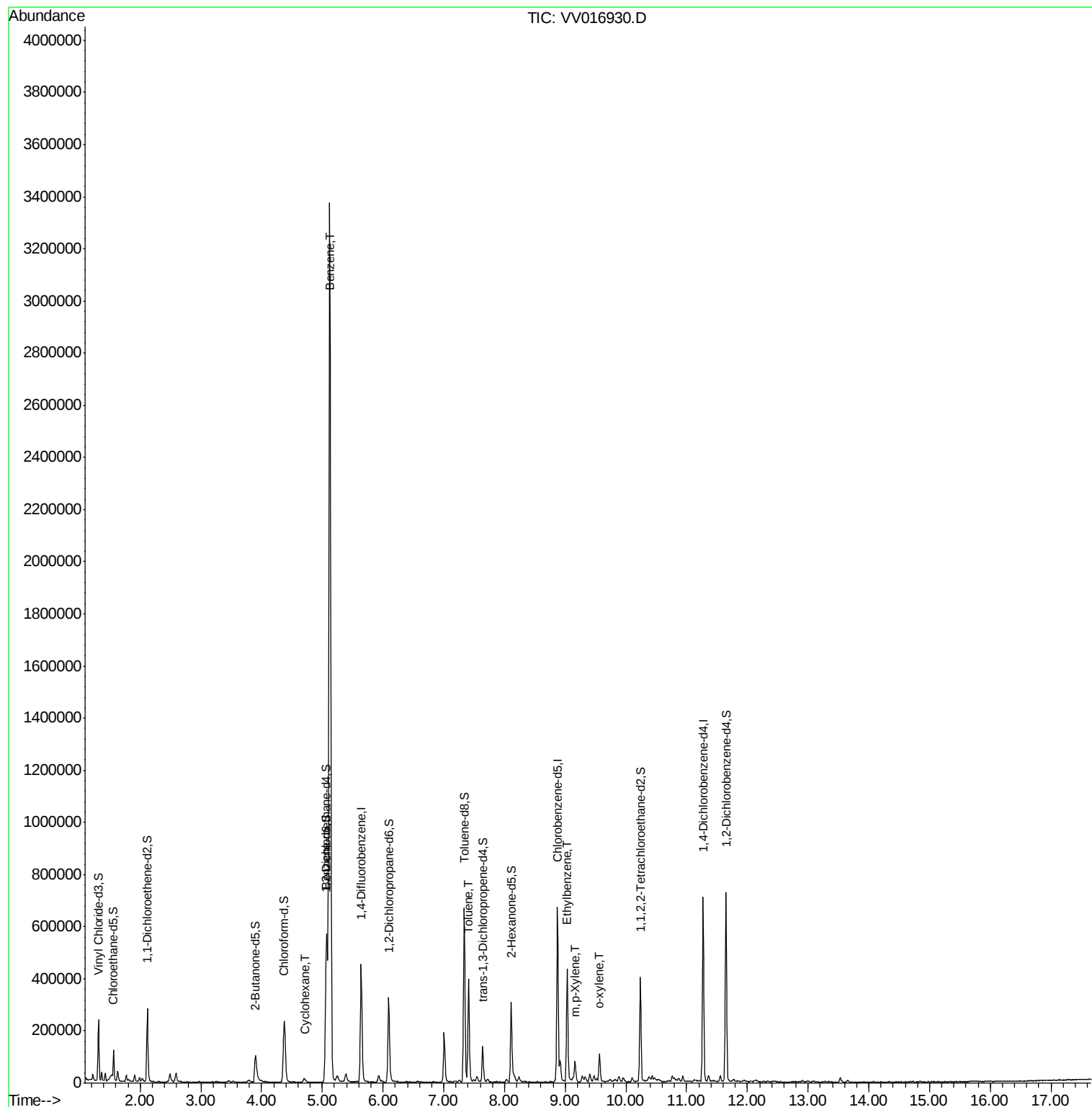
					Ovalue
29) Cyclohexane	4.71	56	7458	1.728 ug/L	# 86
33) Benzene	5.12	78	3227979	314.171 ug/L	100
42) Toluene	7.41	91	274248	25.320 ug/L	100
52) Ethylbenzene	9.04	91	290599	24.222 ug/L	99
53) m,p-Xylene	9.16	106	21088	4.721 ug/L	87
54) o-xylene	9.57	106	28030	6.362 ug/L	100

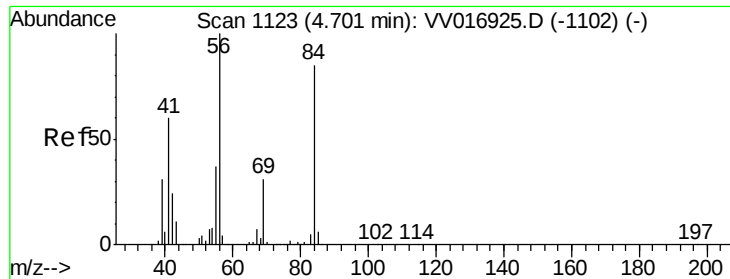
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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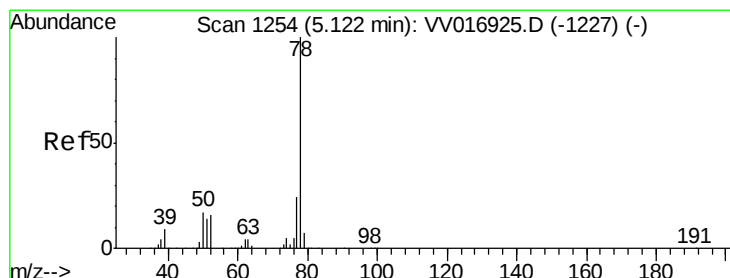
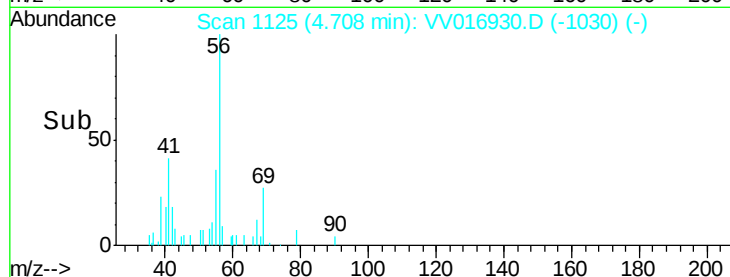
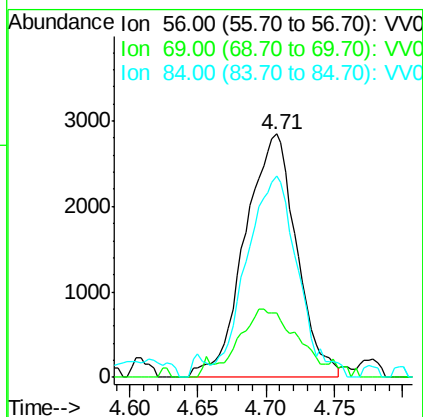
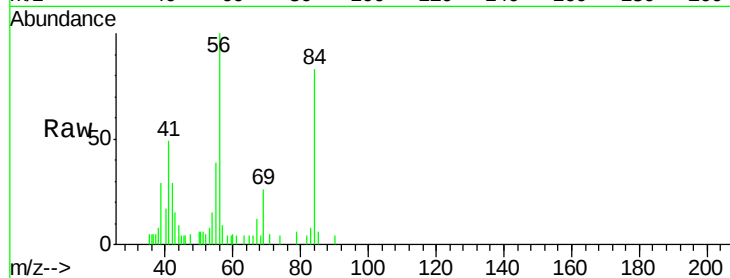




#29
Cyclohexane
Concen: 1.728 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016930.D
Acq: 15 Jun 2020 12:31

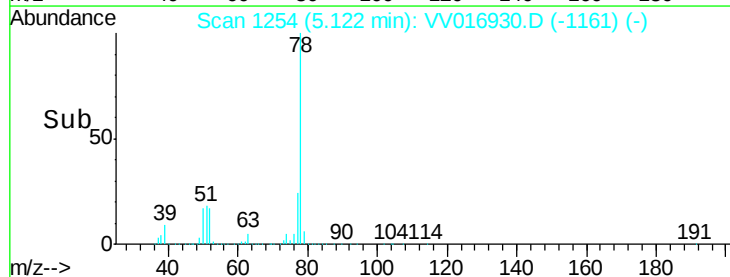
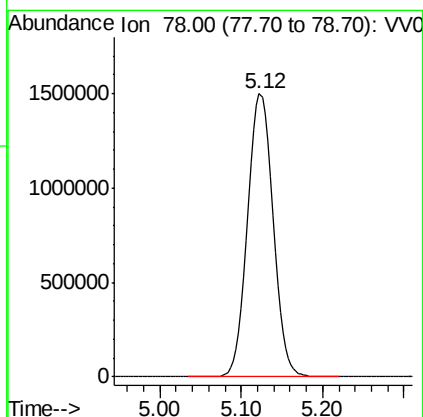
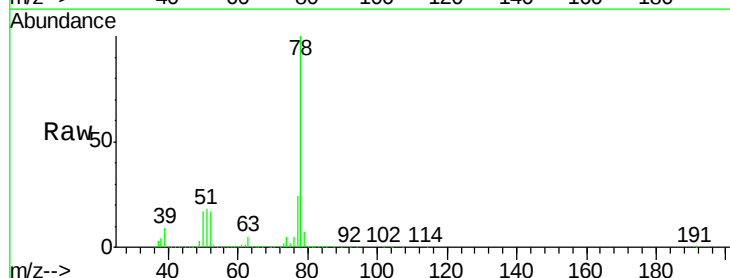
Instrument :
MSVOA_V
ClientSampleId :
F9D98

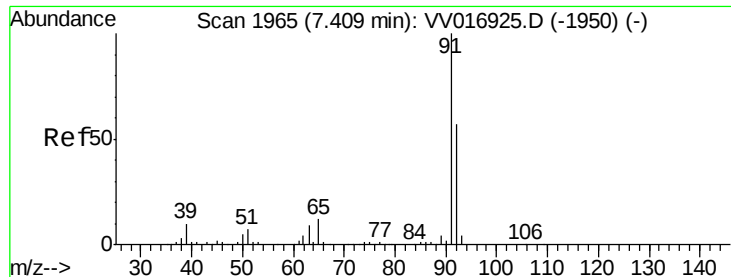
Tot Ion: 56 Resp: 7458
Ion Ratio Lower Upper
56 100
69 12.2 25.0 37.4#
84 80.3 69.5 104.3



#33
Benzene
Concen: 314.171 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016930.D
Acq: 15 Jun 2020 12:31

Tgt Ion: 78 Resp: 3227979





#42

Toluene

Concen: 25.320 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016930.D

Acq: 15 Jun 2020 12:31

Instrument :

MSVOA_V

ClientSampleId :

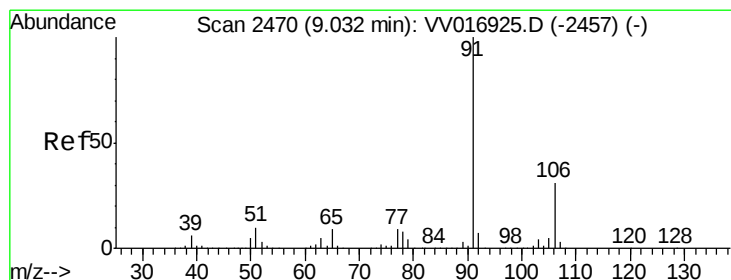
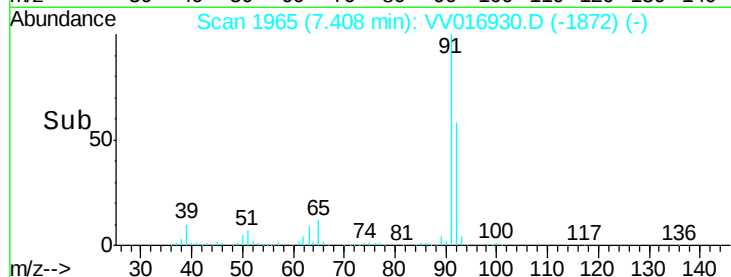
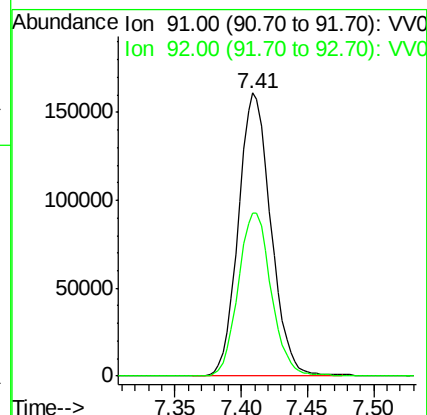
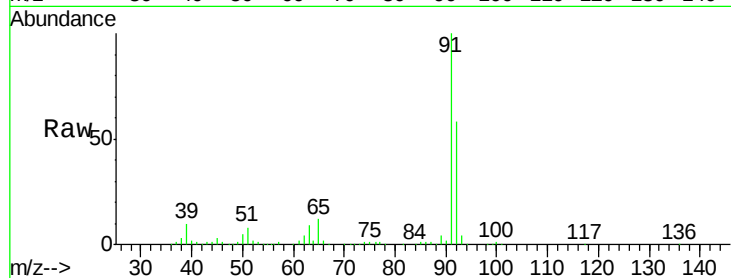
F9D98

Tot Ion: 91 Resp: 274248

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#52

Ethylbenzene

Concen: 24.222 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016930.D

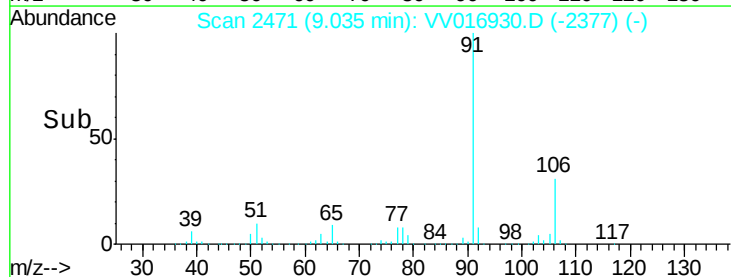
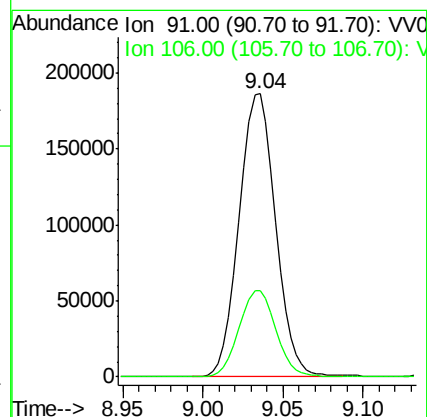
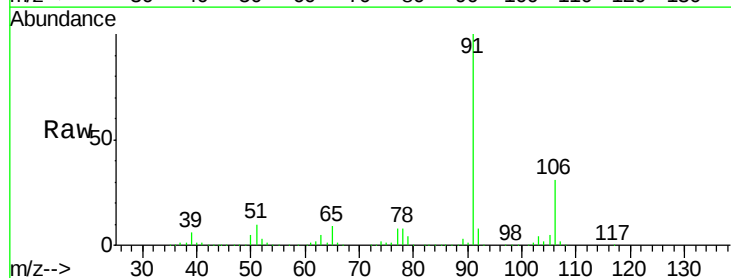
Acq: 15 Jun 2020 12:31

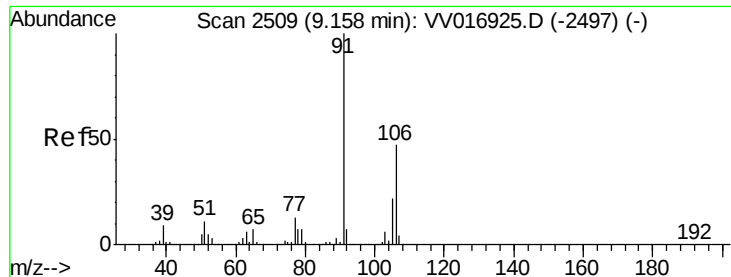
Tgt Ion: 91 Resp: 290599

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1





#53

m,p-Xylene

Concen: 4.721 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016930.D

Acq: 15 Jun 2020 12:31

Instrument :

MSVOA_V

ClientSampled :

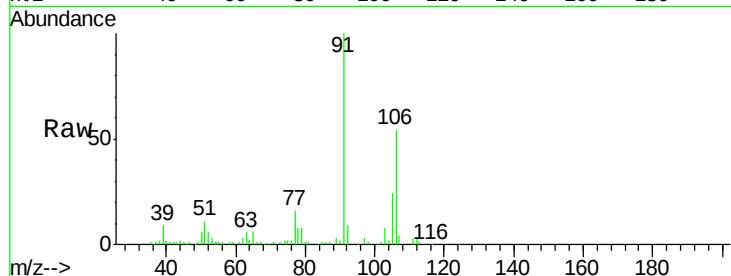
F9D98

Tot Ion:106 Resp: 21088

Ion Ratio Lower Upper

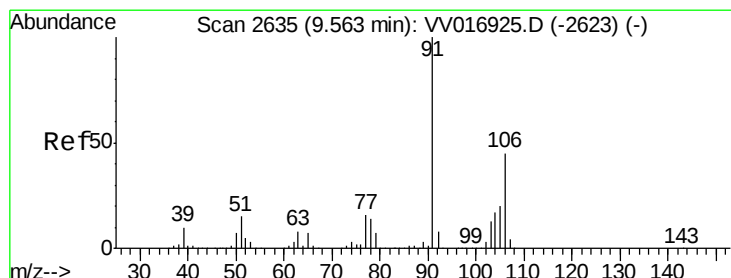
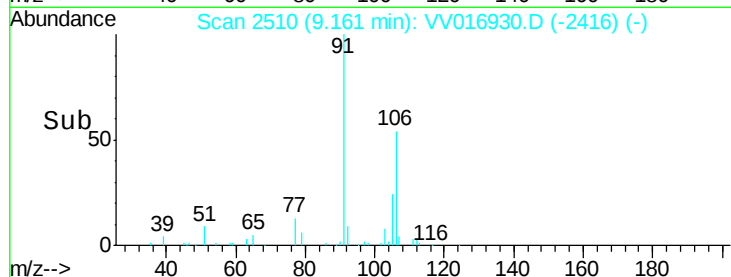
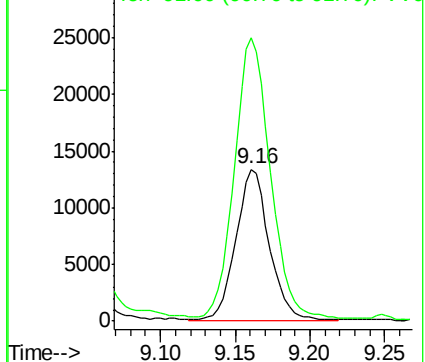
106 100

91 186.1 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 6.362 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016930.D

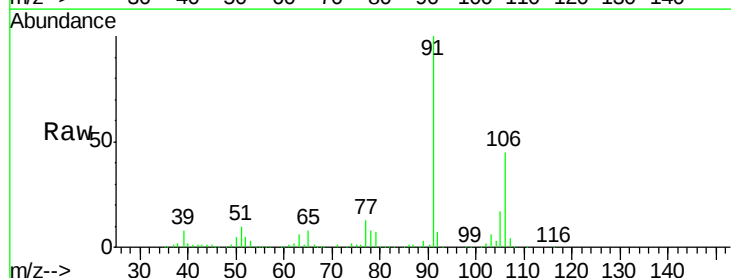
Acq: 15 Jun 2020 12:31

Tgt Ion:106 Resp: 28030

Ion Ratio Lower Upper

106 100

91 222.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

