

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016641.D
 Acq On : 07 Jun 2020 13:41
 Operator : SY/MD
 Sample : L2861-08DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E40DL

Quant Time: Jun 08 07:53:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365188	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162494	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108042	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.56	69	74618	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.12	63	146618	31.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.96%
21) 2-Butanone-d5	3.89	46	176534	106.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.37	84	233655	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.05	65	166975	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.07	84	470876	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
36) 1,2-Dichloropropane-d6	6.09	67	144434	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.34	98	418903	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%
43) trans-1,3-Dichloropropene-	7.64	79	63328	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.11	63	127280	103.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186386	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	166659	54.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.16%

Target Compounds

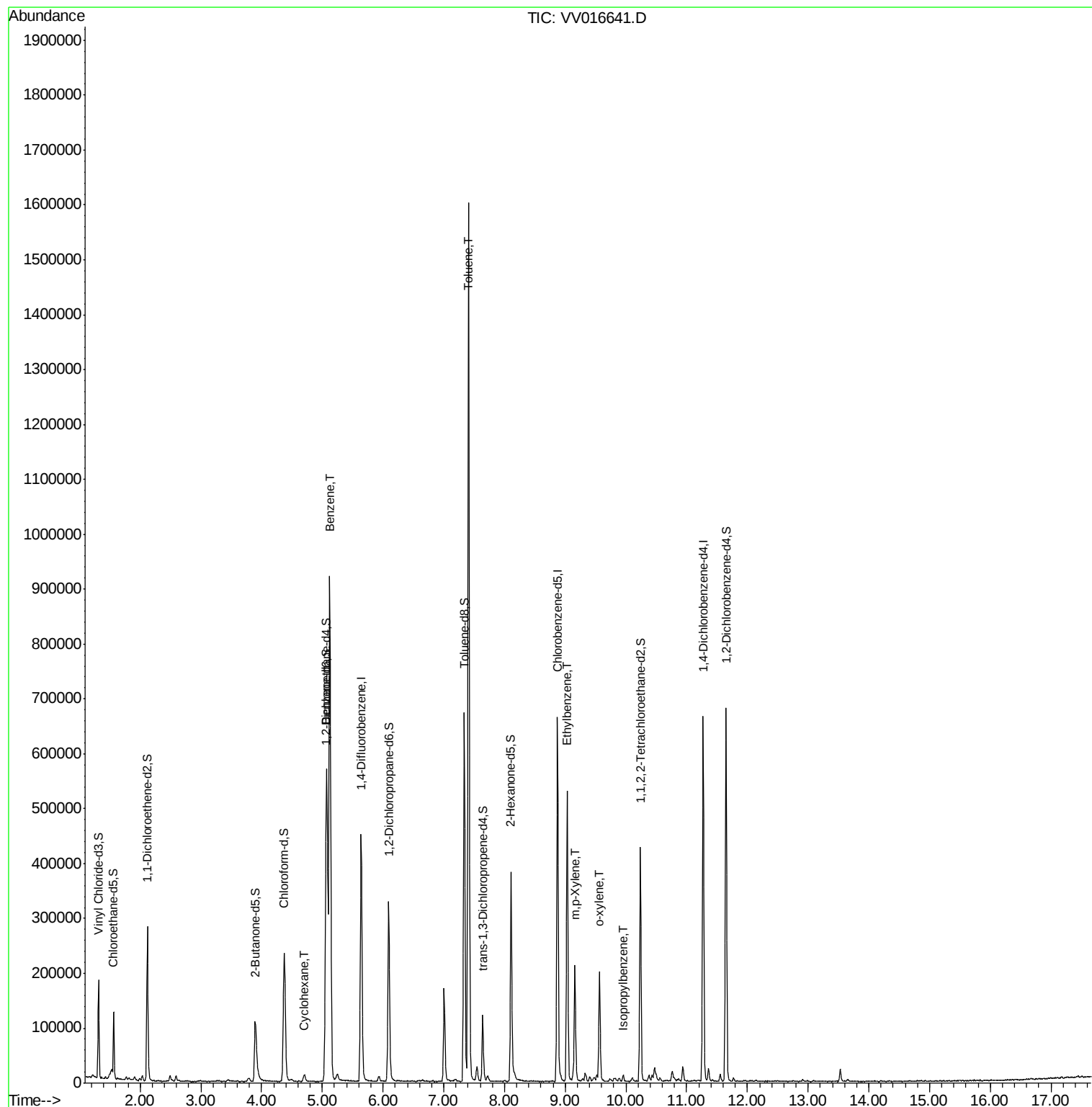
					Ovalue
29) Cyclohexane	4.70	56	6467	1.576	ug/L # 75
33) Benzene	5.12	78	884993	87.056	ug/L 100
42) Toluene	7.41	91	1100760	102.186	ug/L 99
52) Ethylbenzene	9.03	91	357284	30.474	ug/L 99
53) m,p-Xylene	9.16	106	56199	12.712	ug/L 97
54) o-xylene	9.57	106	50130	11.708	ug/L 96
56) Isopropylbenzene	9.95	105	6456	0.581	ug/L # 88

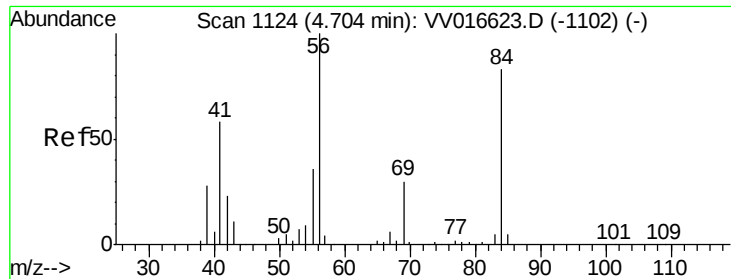
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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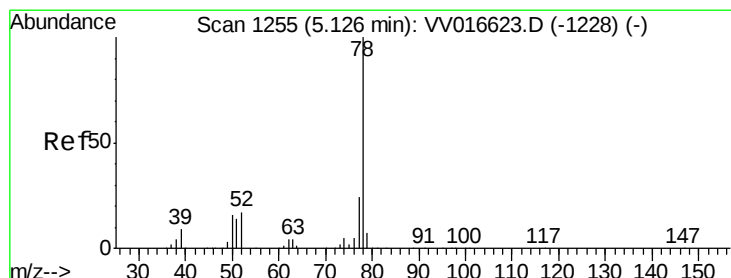
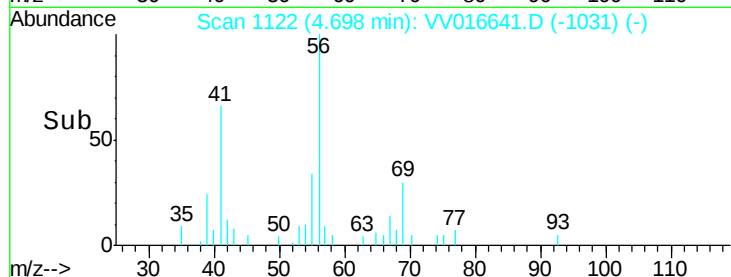
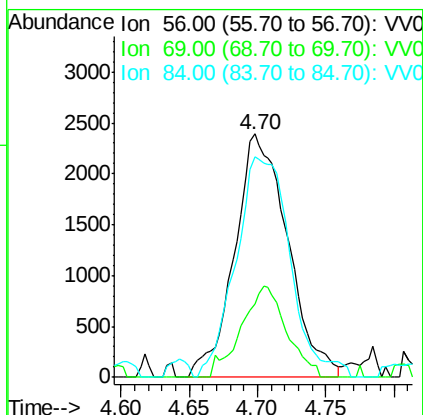
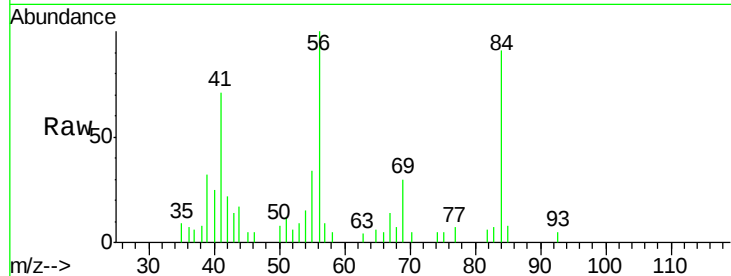




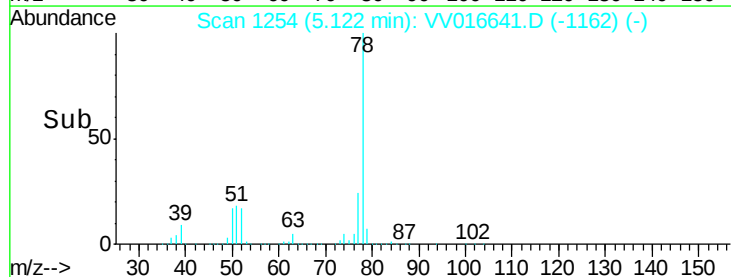
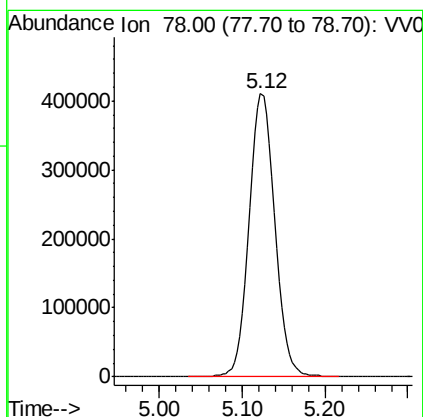
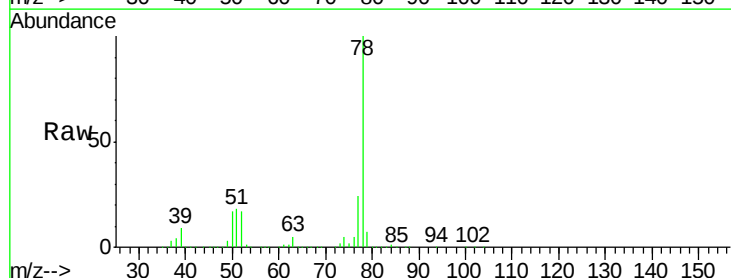
#29
Cyclohexane
Concen: 1.576 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV016641.D
Acq: 07 Jun 2020 13:41

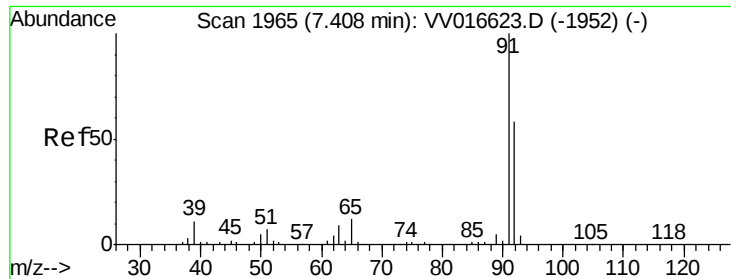
Instrument :
MSVOA_V
ClientSampled :
F9E40DL

Tot Ion: 56 Resp: 6467
Ion Ratio Lower Upper
56 100
69 30.7 23.9 35.9
84 55.4 68.2 102.2#



#33
Benzene
Concen: 87.056 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016641.D
Acq: 07 Jun 2020 13:41
Tgt Ion: 78 Resp: 884993





#42

Toluene

Concen: 102.186 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016641.D

Acq: 07 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

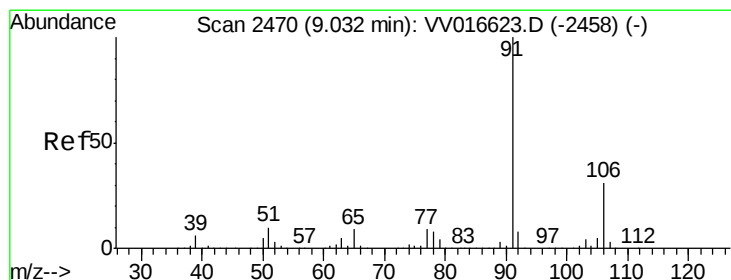
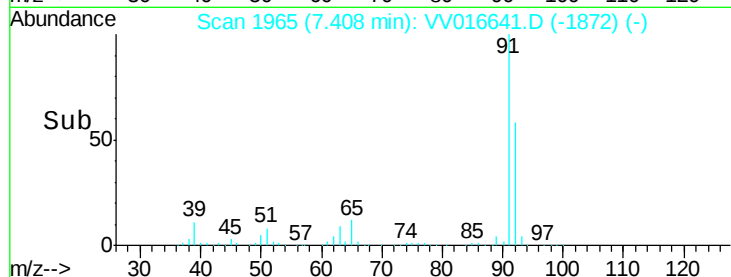
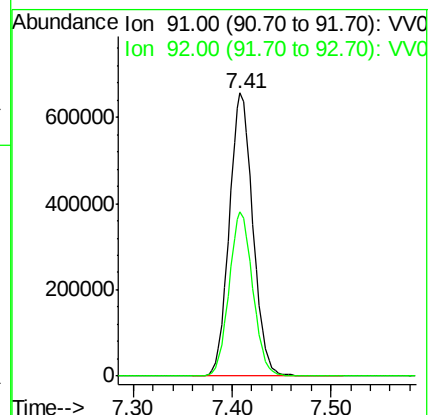
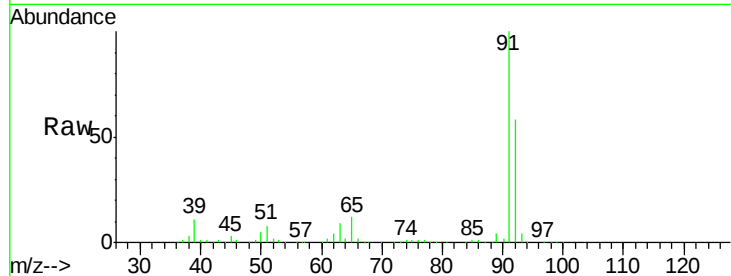
F9E40DL

Tot Ion: 91 Resp: 1100760

Ion Ratio Lower Upper

91 100

92 58.0 40.9 75.9



#52

Ethylbenzene

Concen: 30.474 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016641.D

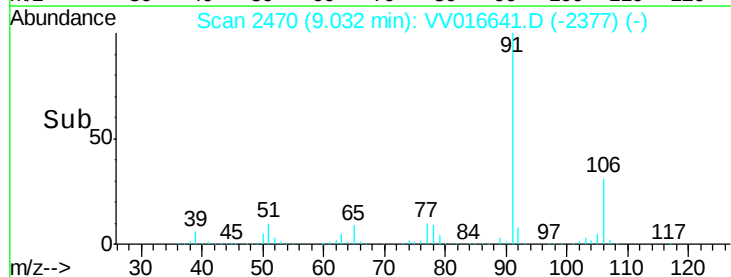
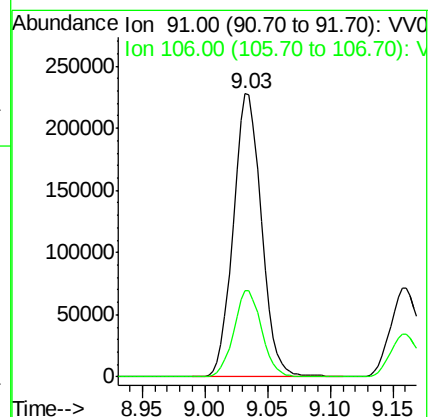
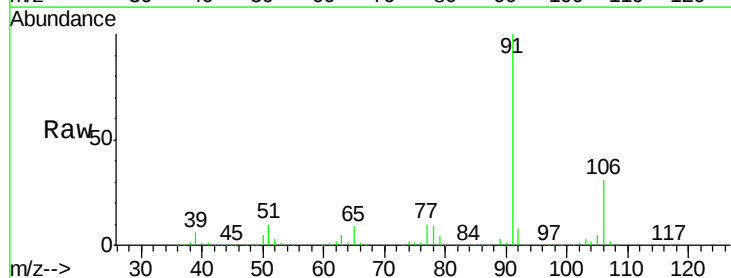
Acq: 07 Jun 2020 13:41

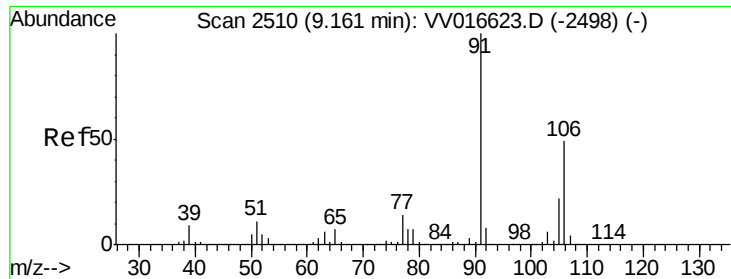
Tgt Ion: 91 Resp: 357284

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.4





#53

m,p-Xylene

Concen: 12.712 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016641.D

Acq: 07 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleID :

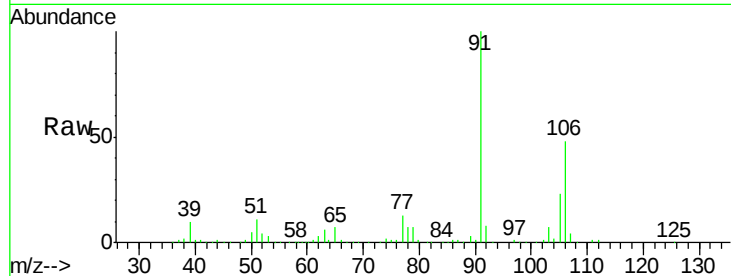
F9E40DL

Tot Ion:106 Resp: 56199

Ion Ratio Lower Upper

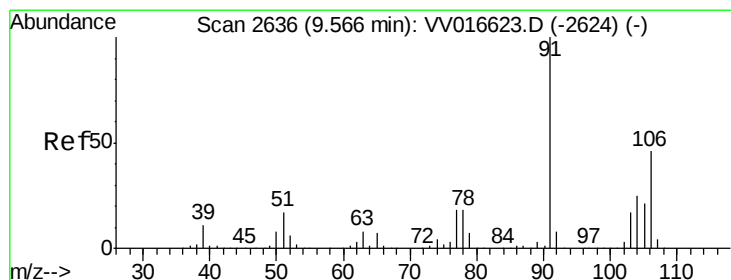
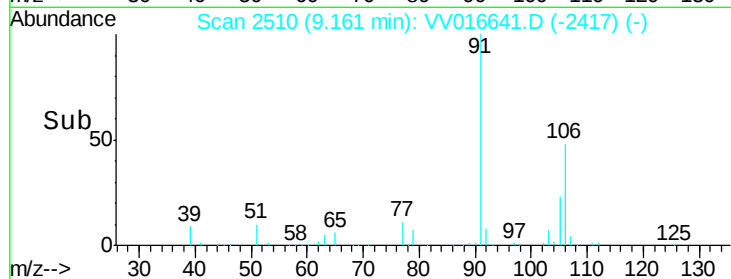
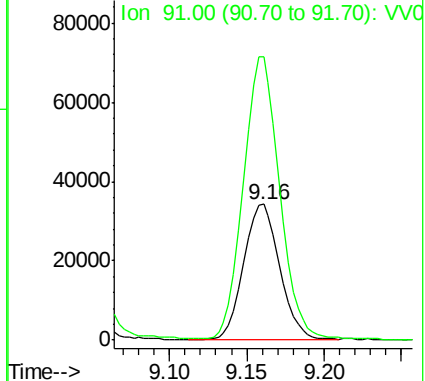
106 100

91 208.8 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 11.708 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016641.D

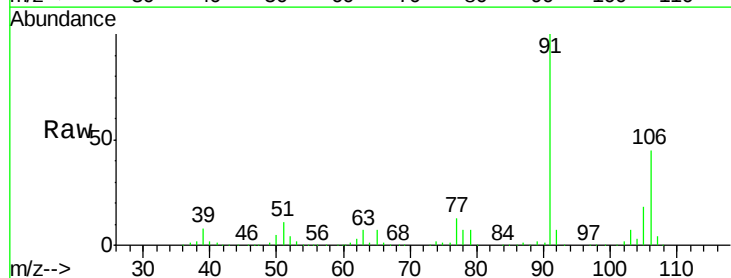
Acq: 07 Jun 2020 13:41

Tgt Ion:106 Resp: 50130

Ion Ratio Lower Upper

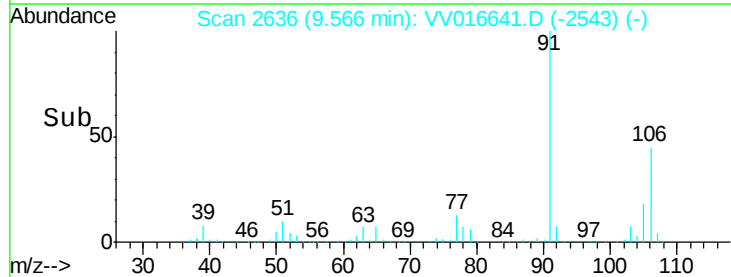
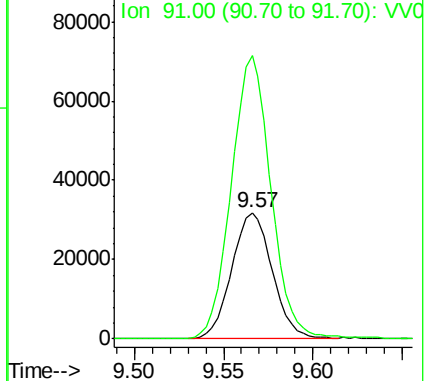
106 100

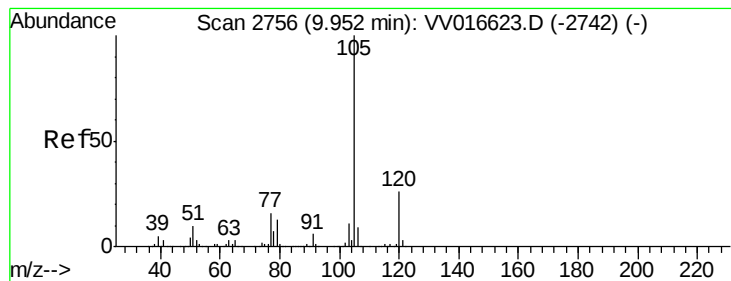
91 224.6 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 0.581 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016641.D

Acq: 07 Jun 2020 13:41

Instrument :

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ClientSampleId :

F9E40DL

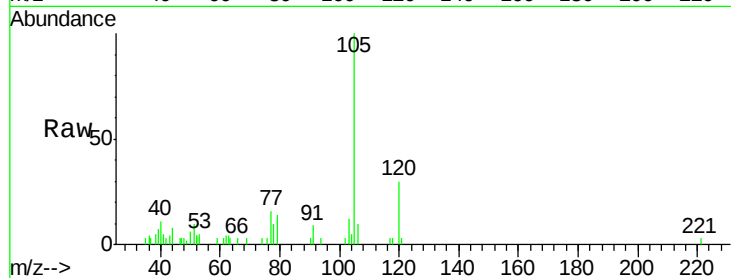
Tot Ion:105 Resp: 6456

Ion Ratio Lower Upper

105 100

120 31.7 21.0 31.6#

77 22.0 13.0 19.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

