

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016665.D
 Acq On : 08 Jun 2020 17:25
 Operator : SY/MD
 Sample : L2861-07DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39DL

Quant Time: Jun 09 02:28:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367180	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114504	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.56	69	83181	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.02%
11) 1,1-Dichloroethene-d2	2.12	63	156547	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.89	46	196734	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	4.37	84	247621	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.05	65	178357	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
32) Benzene-d6	5.07	84	502345	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.09	67	157394	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.34	98	456427	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	7.64	79	76993	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	8.11	63	136896	102.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212191	52.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	192035	53.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.34%

Target Compounds

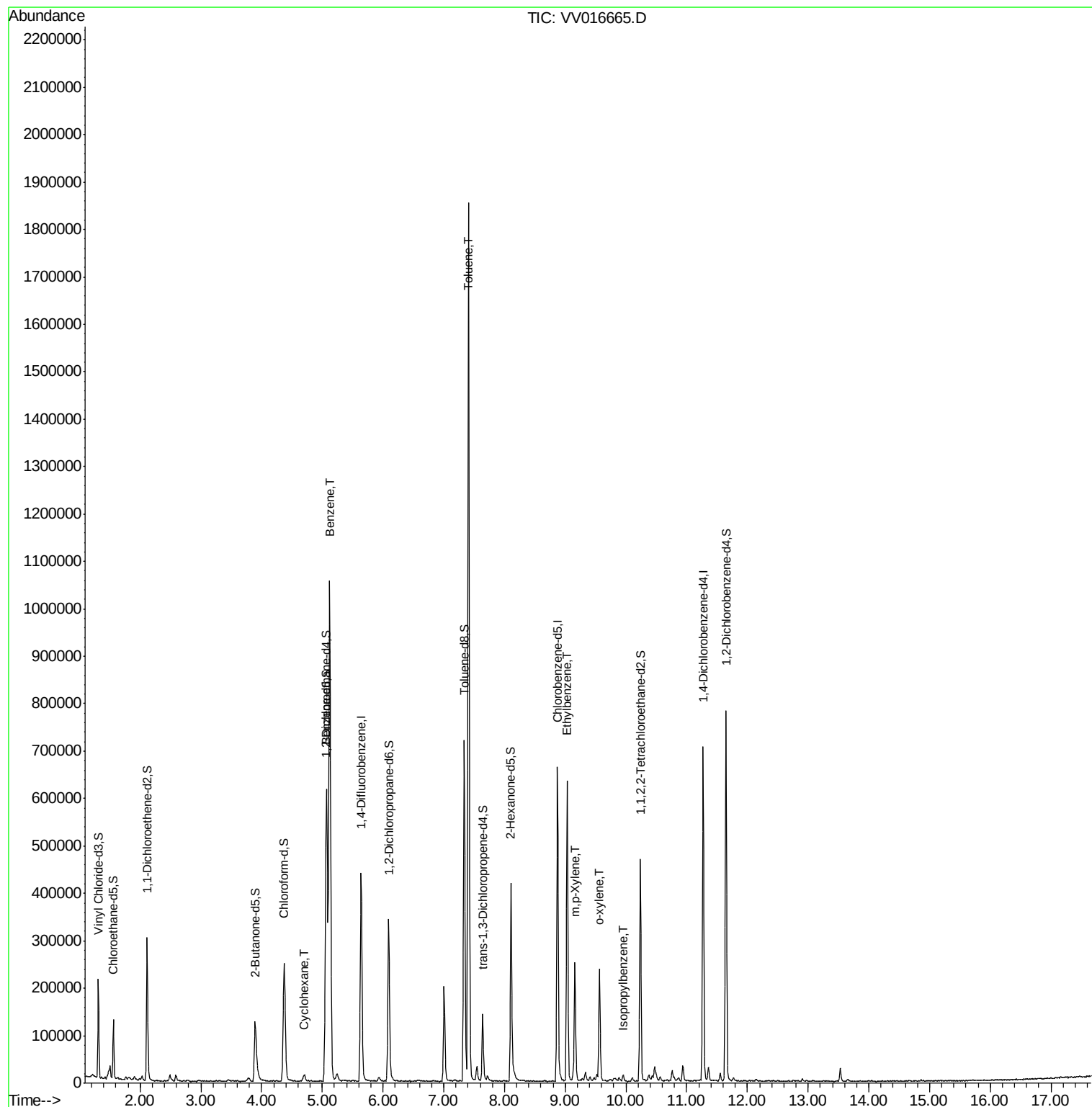
					Ovalue
29) Cyclohexane	4.70	56	7795	1.834	ug/L 94
33) Benzene	5.12	78	1011998	99.997	ug/L 100
42) Toluene	7.41	91	1285102	120.456	ug/L 100
52) Ethylbenzene	9.03	91	425787	36.032	ug/L 98
53) m,p-Xylene	9.16	106	68074	15.472	ug/L 99
54) o-xylene	9.57	106	61596	14.195	ug/L 92
56) Isopropylbenzene	9.96	105	8111	0.696	ug/L # 94

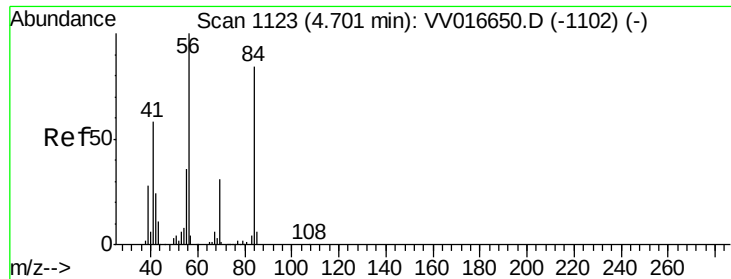
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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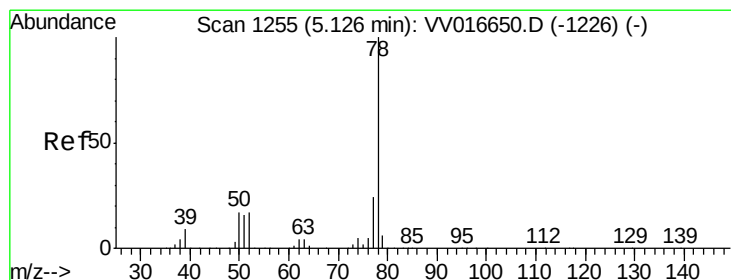
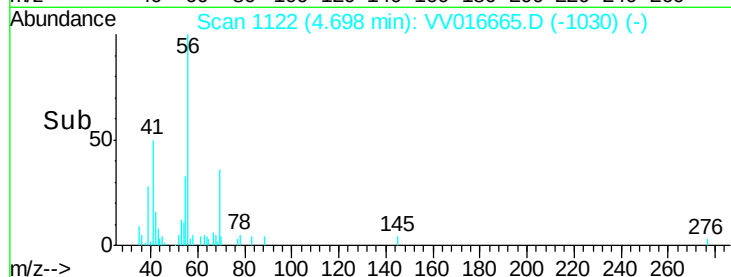
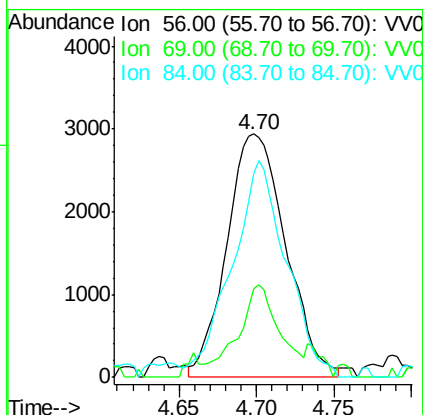
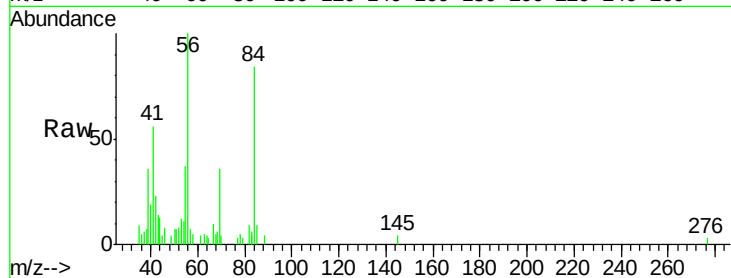




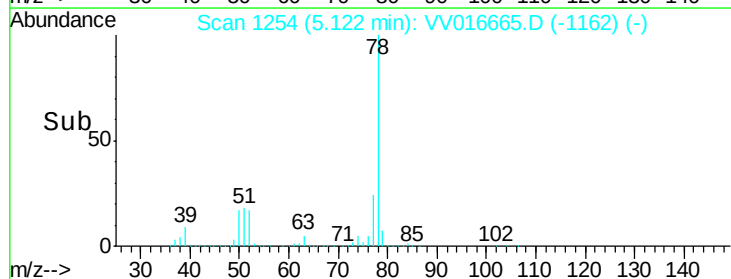
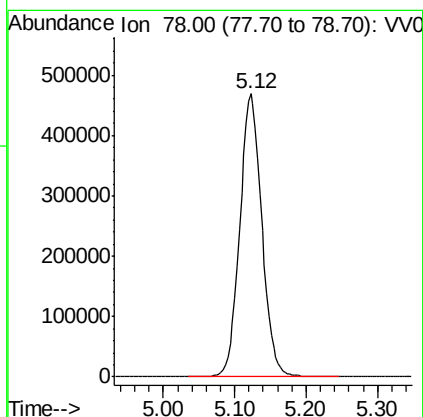
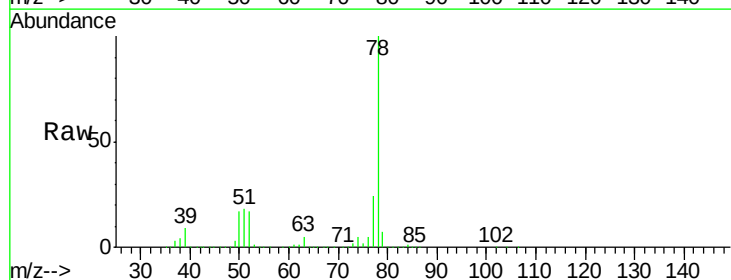
#29
Cyclohexane
Concen: 1.834 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016665.D
Acq: 08 Jun 2020 17:25

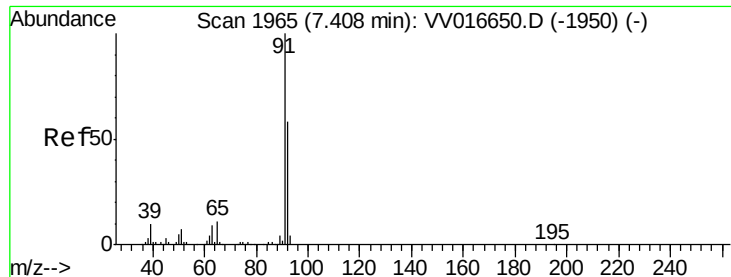
Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Tot Ion: 56 Resp: 7795
Ion Ratio Lower Upper
56 100
69 27.3 25.0 37.4
84 82.3 69.5 104.3



#33
Benzene
Concen: 99.997 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016665.D
Acq: 08 Jun 2020 17:25
Tgt Ion: 78 Resp: 1011998





#42

Toluene

Concen: 120.456 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

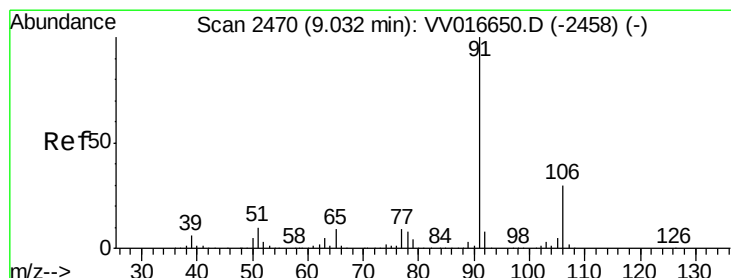
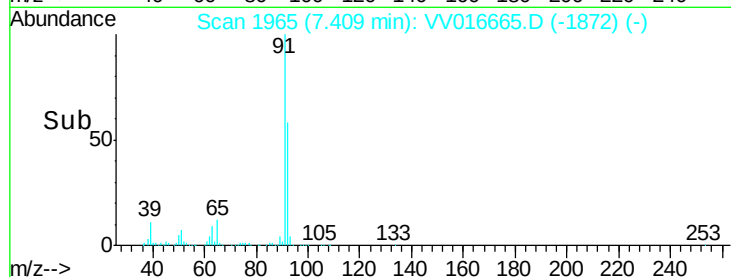
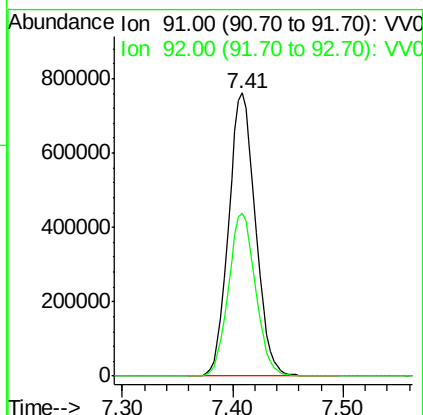
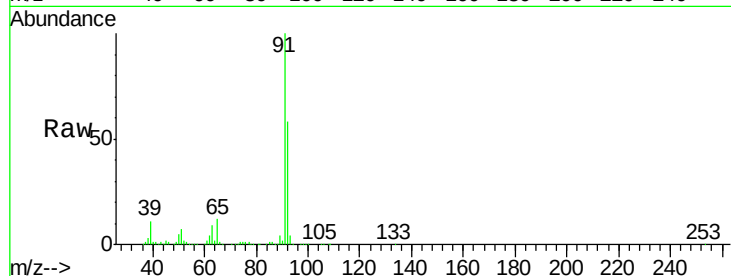
F9E39DL

Tot Ion: 91 Resp: 1285102

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#52

Ethylbenzene

Concen: 36.032 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016665.D

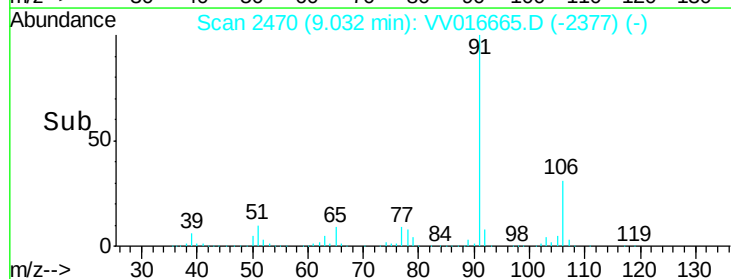
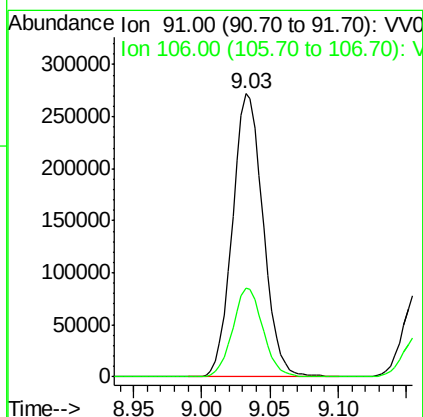
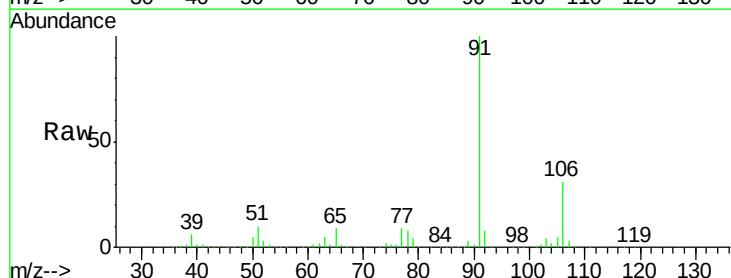
Acq: 08 Jun 2020 17:25

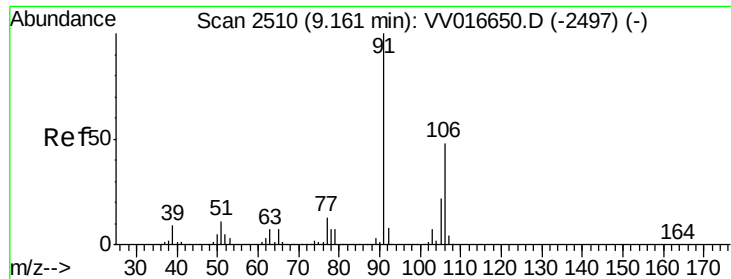
Tgt Ion: 91 Resp: 425787

Ion Ratio Lower Upper

91 100

106 31.4 21.1 39.1





#53

m,p-Xylene

Concen: 15.472 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleID :

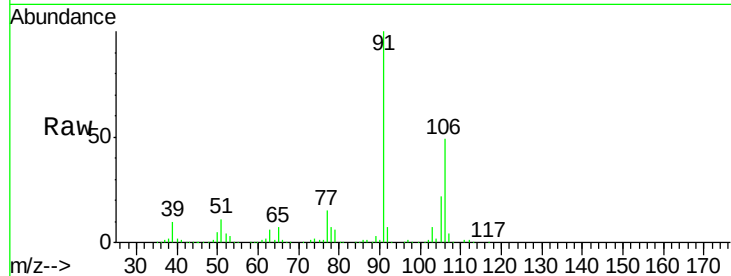
F9E39DL

Tot Ion:106 Resp: 68074

Ion Ratio Lower Upper

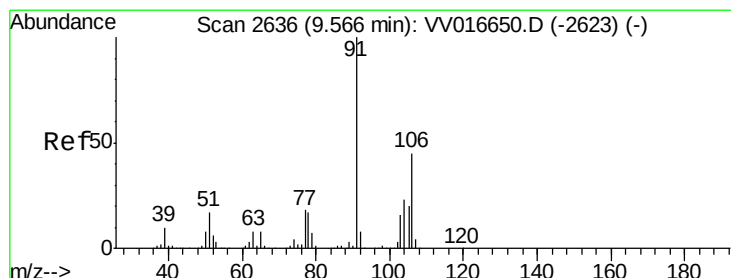
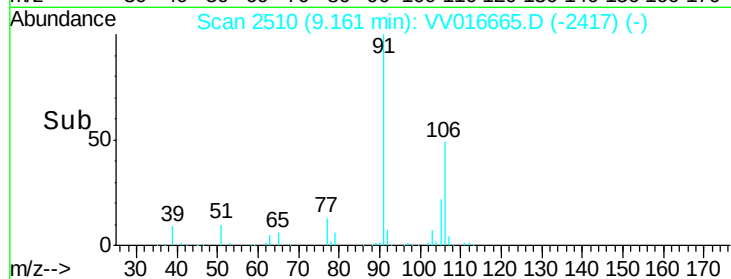
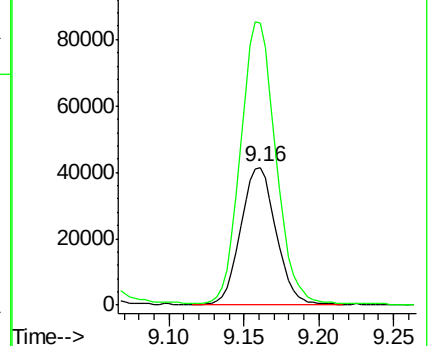
106 100

91 205.5 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 14.195 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016665.D

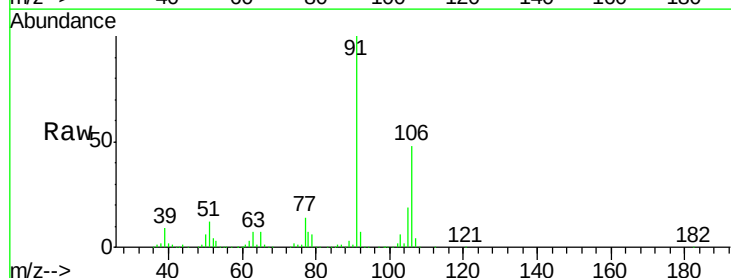
Acq: 08 Jun 2020 17:25

Tgt Ion:106 Resp: 61596

Ion Ratio Lower Upper

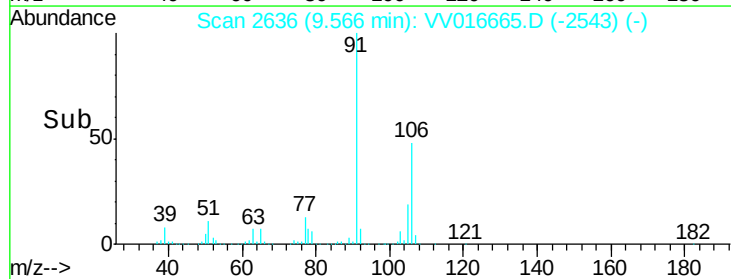
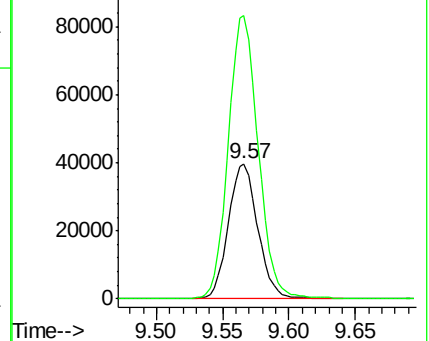
106 100

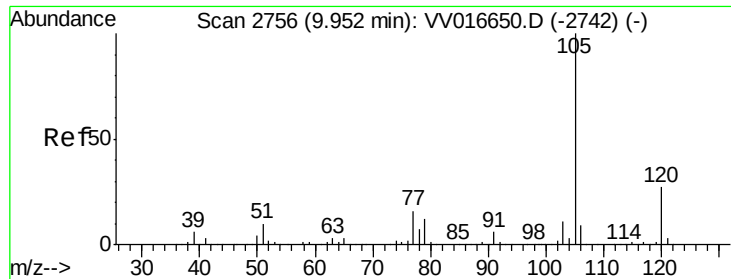
91 209.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 0.696 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

F9E39DL

Tot Ion:105 Resp: 8111

Ion Ratio Lower Upper

105 100

120 28.5 21.2 31.8

77 20.0 13.0 19.4#

