

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016899.D
 Acq On : 12 Jun 2020 23:20
 Operator : SY/MD
 Sample : L2915-08 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E16

Quant Time: Jun 13 05:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100000	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.57	69	57614	36.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.04%
11) 1,1-Dichloroethene-d2	2.12	63	145276	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.90	46	175452	90.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.37	84	227999	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.05	65	167915	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.07	84	444942	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	135194	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.78%
41) Toluene-d8	7.34	98	399224	43.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.04%
43) trans-1,3-Dichloropropene-	7.64	79	67429	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.14%
47) 2-Hexanone-d5	8.11	63	103216	75.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172870	41.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	162643	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

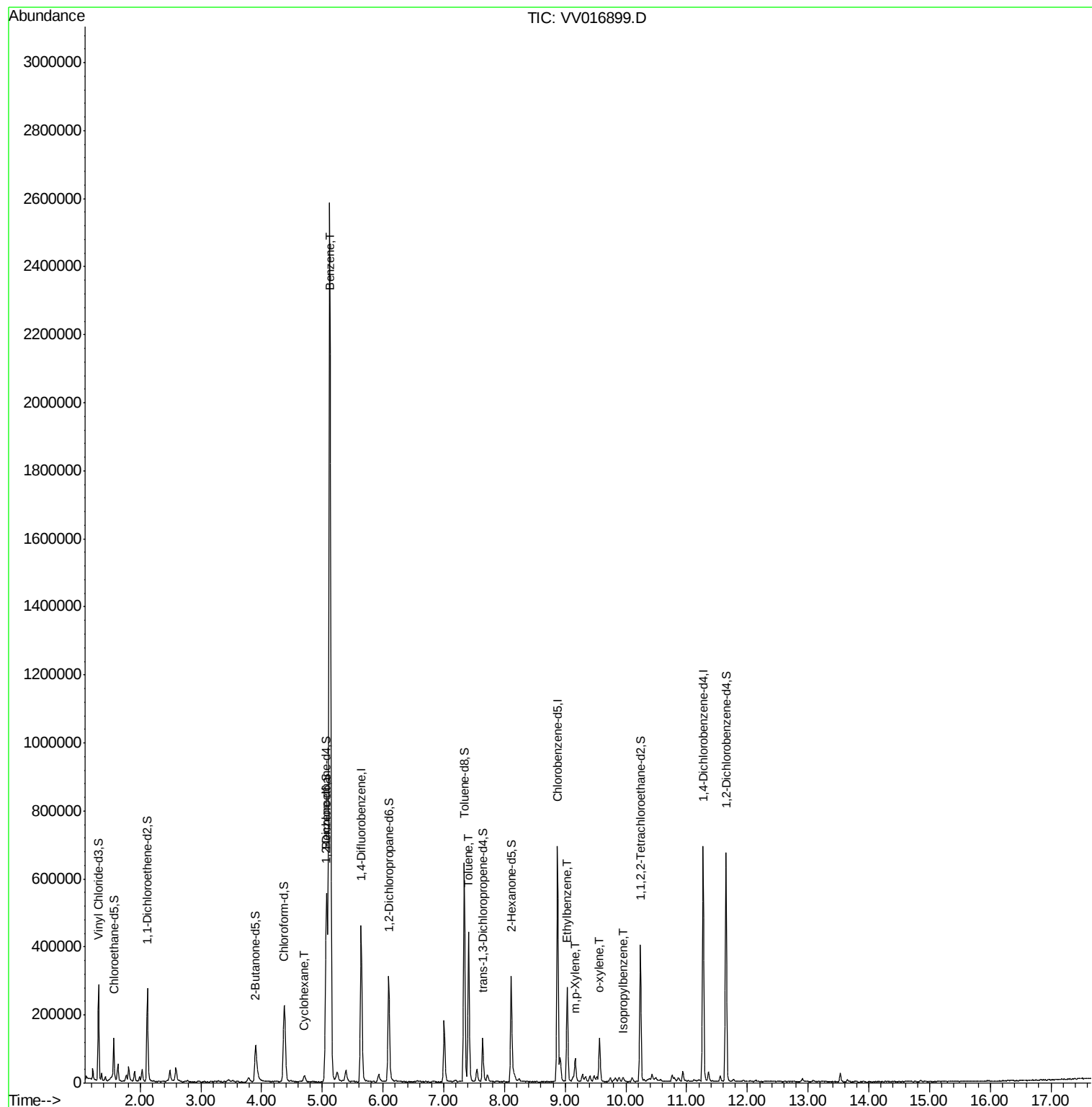
					Ovalue
29) Cyclohexane	4.71	56	9377	2.151 ug/L	95
33) Benzene	5.12	78	2458158	236.849 ug/L	100
42) Toluene	7.41	91	305338	27.908 ug/L	100
52) Ethylbenzene	9.04	91	186889	15.422 ug/L	97
53) m,p-Xylene	9.16	106	16586	3.676 ug/L	97
54) o-xylene	9.57	106	32385	7.277 ug/L	93
56) Isopropylbenzene	9.95	105	7201	0.602 ug/L	99

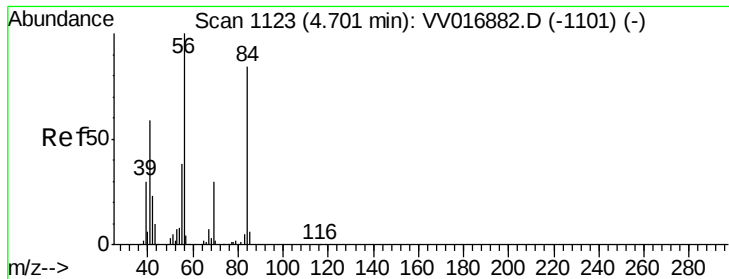
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration

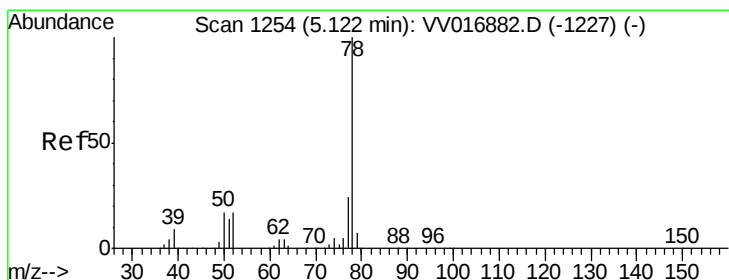
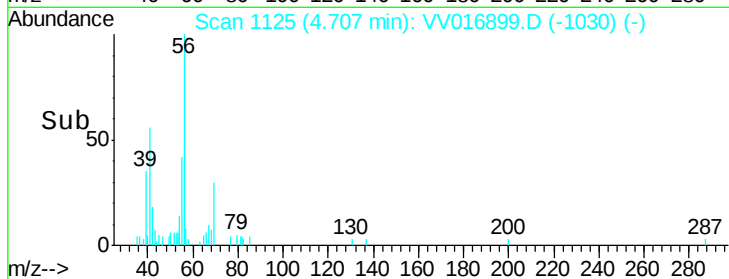
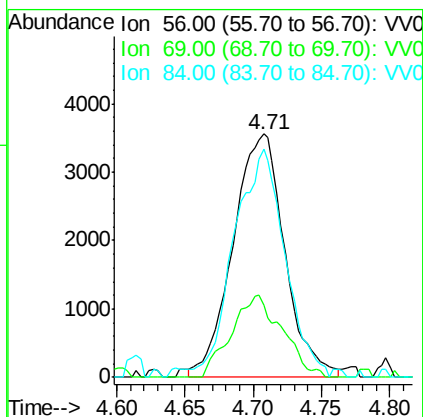
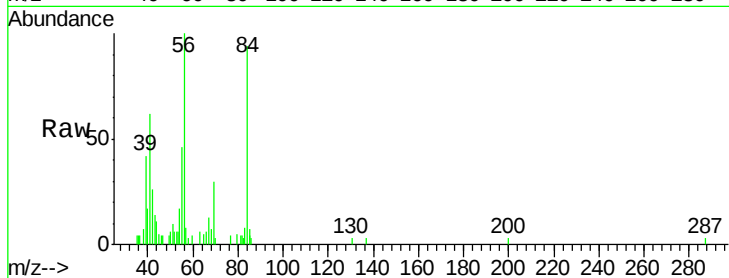




#29
Cyclohexane
Concen: 2.151 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016899.D
Acq: 12 Jun 2020 23:20

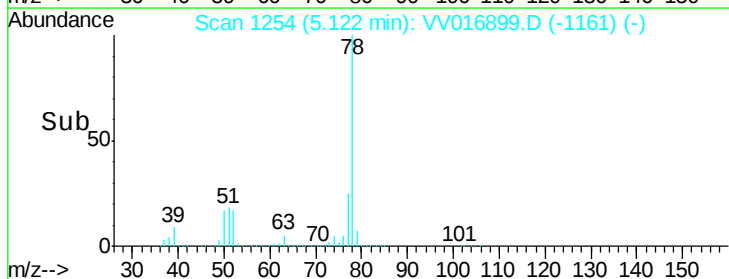
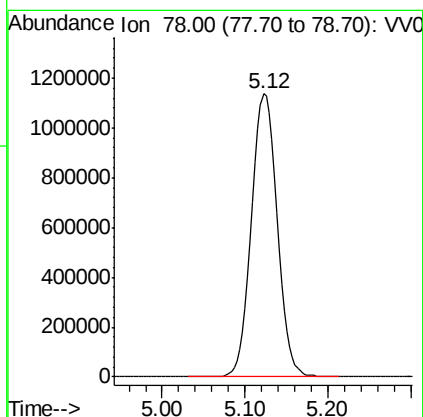
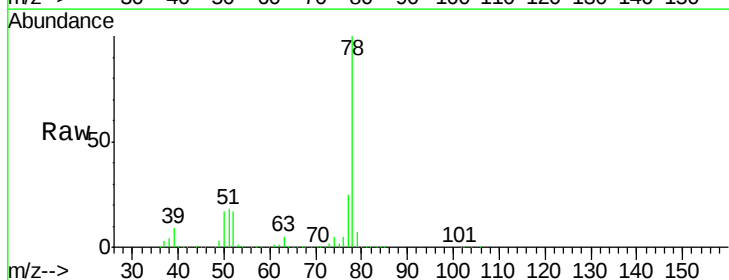
Instrument :
MSVOA_V
ClientSampleId :
F9E16

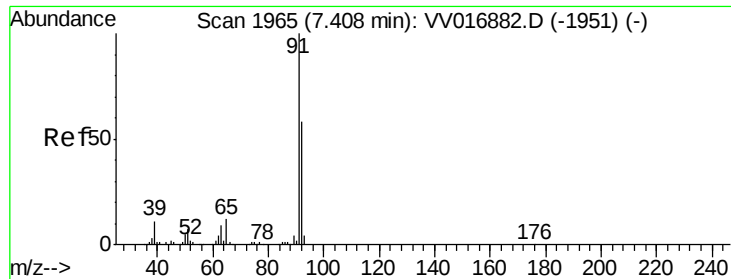
Tot Ion: 56 Resp: 9377
Ion Ratio Lower Upper
56 100
69 32.7 25.0 37.4
84 92.1 69.5 104.3



#33
Benzene
Concen: 236.849 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016899.D
Acq: 12 Jun 2020 23:20

Tgt Ion: 78 Resp: 2458158





#42

Toluene

Concen: 27.908 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016899.D

Acq: 12 Jun 2020 23:20

Instrument :

MSVOA_V

ClientSampleId :

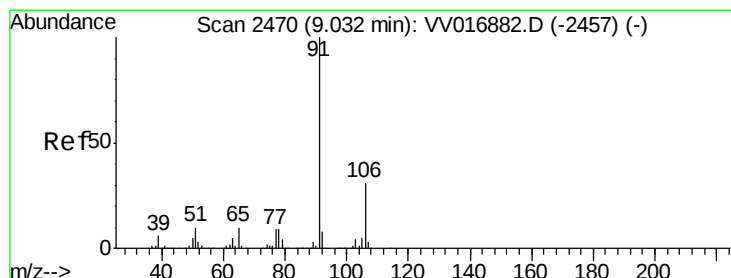
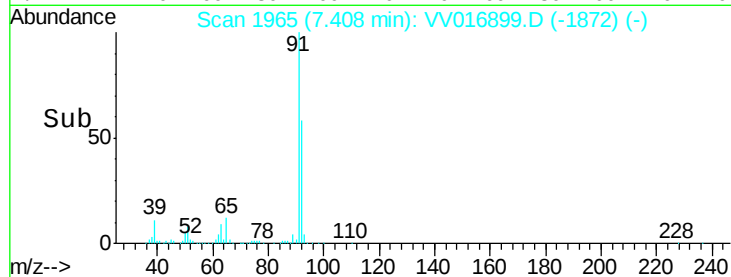
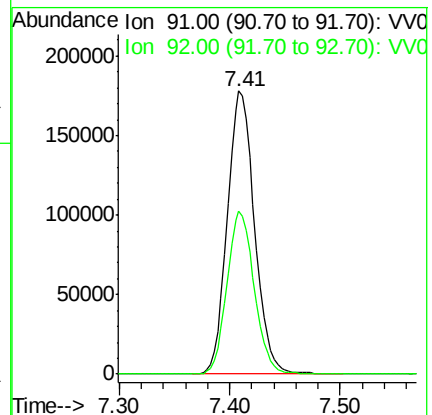
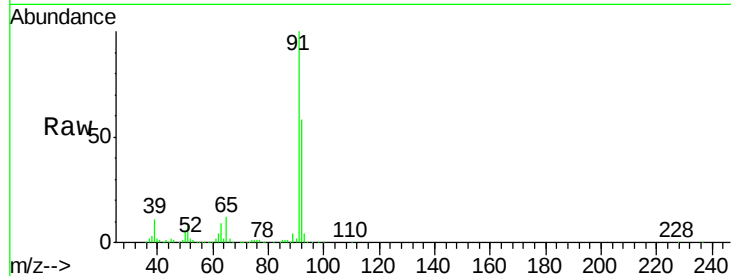
F9E16

Tot Ion: 91 Resp: 305338

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#52

Ethylbenzene

Concen: 15.422 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016899.D

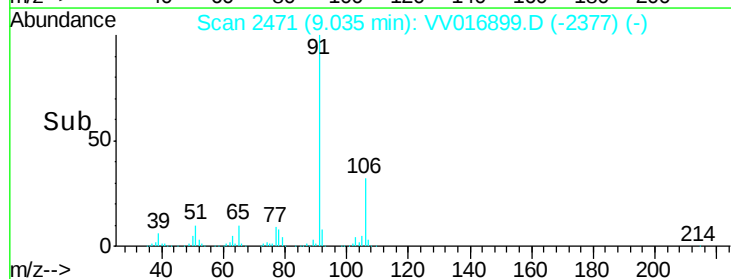
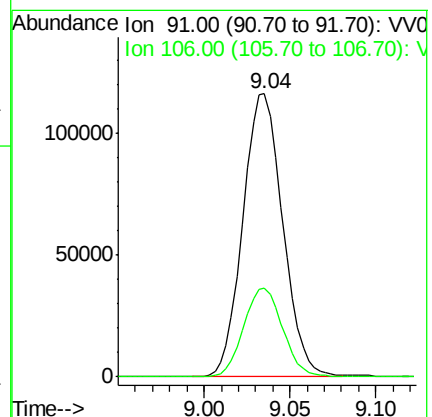
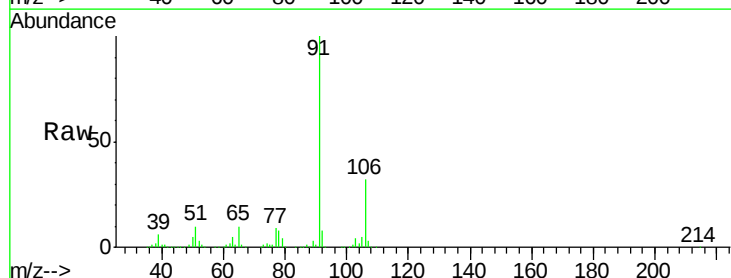
Acq: 12 Jun 2020 23:20

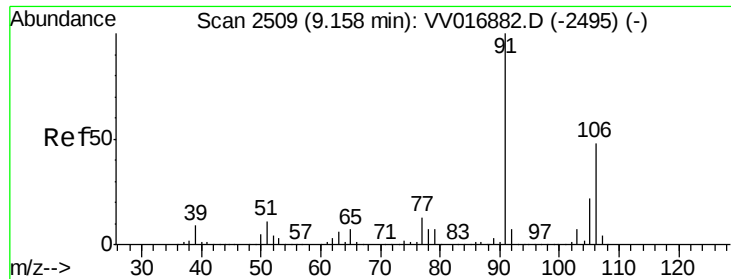
Tgt Ion: 91 Resp: 186889

Ion Ratio Lower Upper

91 100

106 31.5 21.1 39.1





#53

m,p-Xylene

Concen: 3.676 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016899.D

Acq: 12 Jun 2020 23:20

Instrument :

MSVOA_V

ClientSampleId :

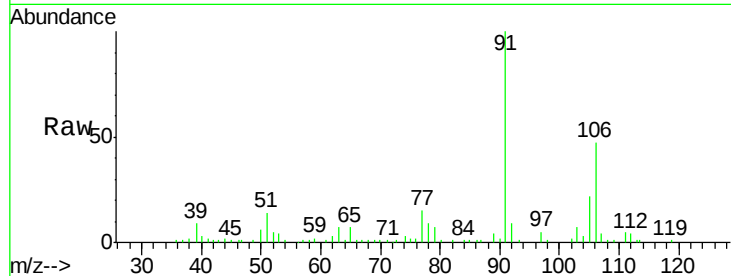
F9E16

Tot Ion:106 Resp: 16586

Ion Ratio Lower Upper

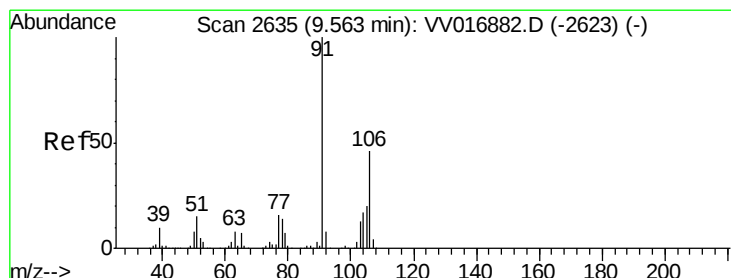
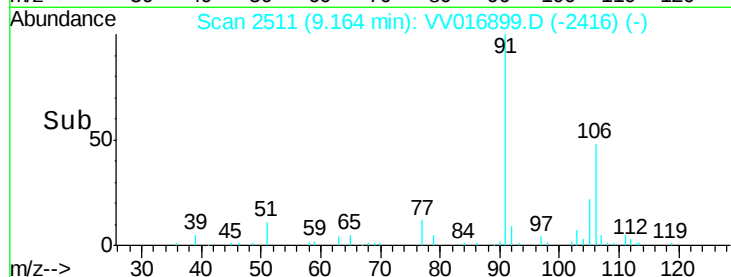
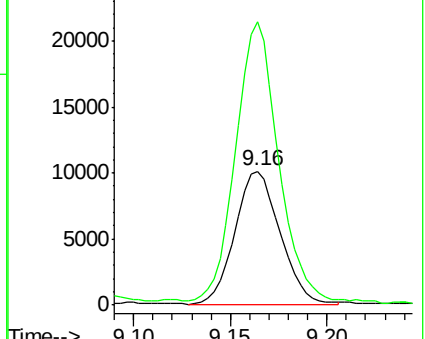
106 100

91 211.2 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 7.277 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016899.D

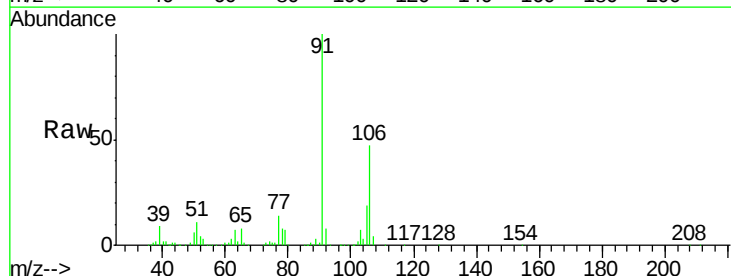
Acq: 12 Jun 2020 23:20

Tgt Ion:106 Resp: 32385

Ion Ratio Lower Upper

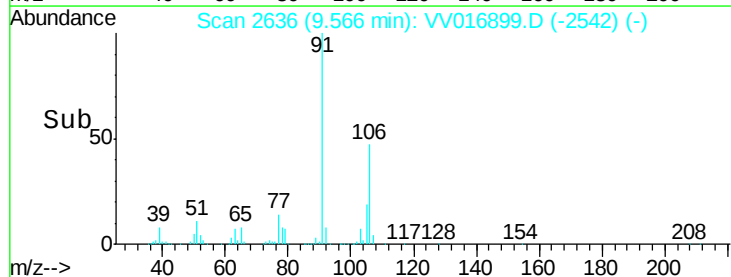
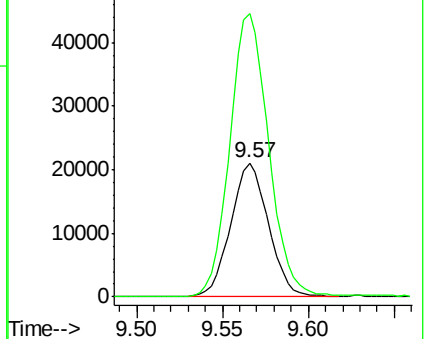
106 100

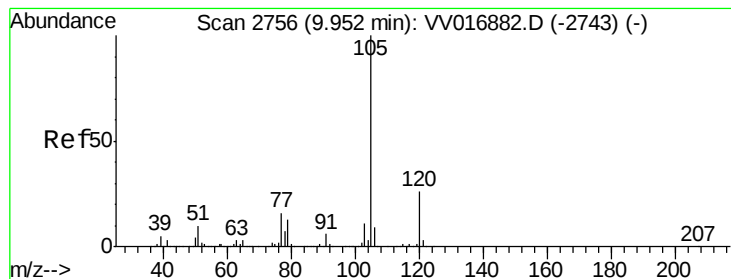
91 211.8 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 0.602 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016899.D

Acq: 12 Jun 2020 23:20

Instrument :

MSVOA_V

ClientSampleId :

F9E16

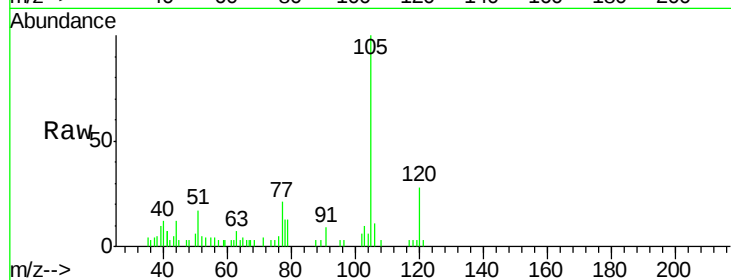
Tot Ion:105 Resp: 7201

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 17.6 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

