

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018434.D
 Acq On : 24 Sep 2020 17:29
 Operator : SY/MD
 Sample : L4109-17 20X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Quant Time: Sep 25 07:02:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306207	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148171	59.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.76%
7) Chloroethane-d5	1.58	69	133589	65.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.84%#
11) 1,1-Dichloroethene-d2	2.12	63	231090	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.96%
21) 2-Butanone-d5	3.91	46	266576	174.53	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	174.53%#
24) Chloroform-d	4.38	84	333227	76.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	153.92%#
26) 1,2-Dichloroethane-d4	5.06	65	219101	78.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.88%#
32) Benzene-d6	5.08	84	681911	81.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	162.52%#
36) 1,2-Dichloropropane-d6	6.09	67	222717	83.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	167.06%#
41) Toluene-d8	7.34	98	629920	82.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	164.74%#
43) trans-1,3-Dichloropropene-	7.64	79	112763	83.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	166.44%#
47) 2-Hexanone-d5	8.11	63	193470	191.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	191.56%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	295644	88.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	176.68%#
64) 1,2-Dichlorobenzene-d4	11.65	152	287054	89.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	179.44%#

Target Compounds

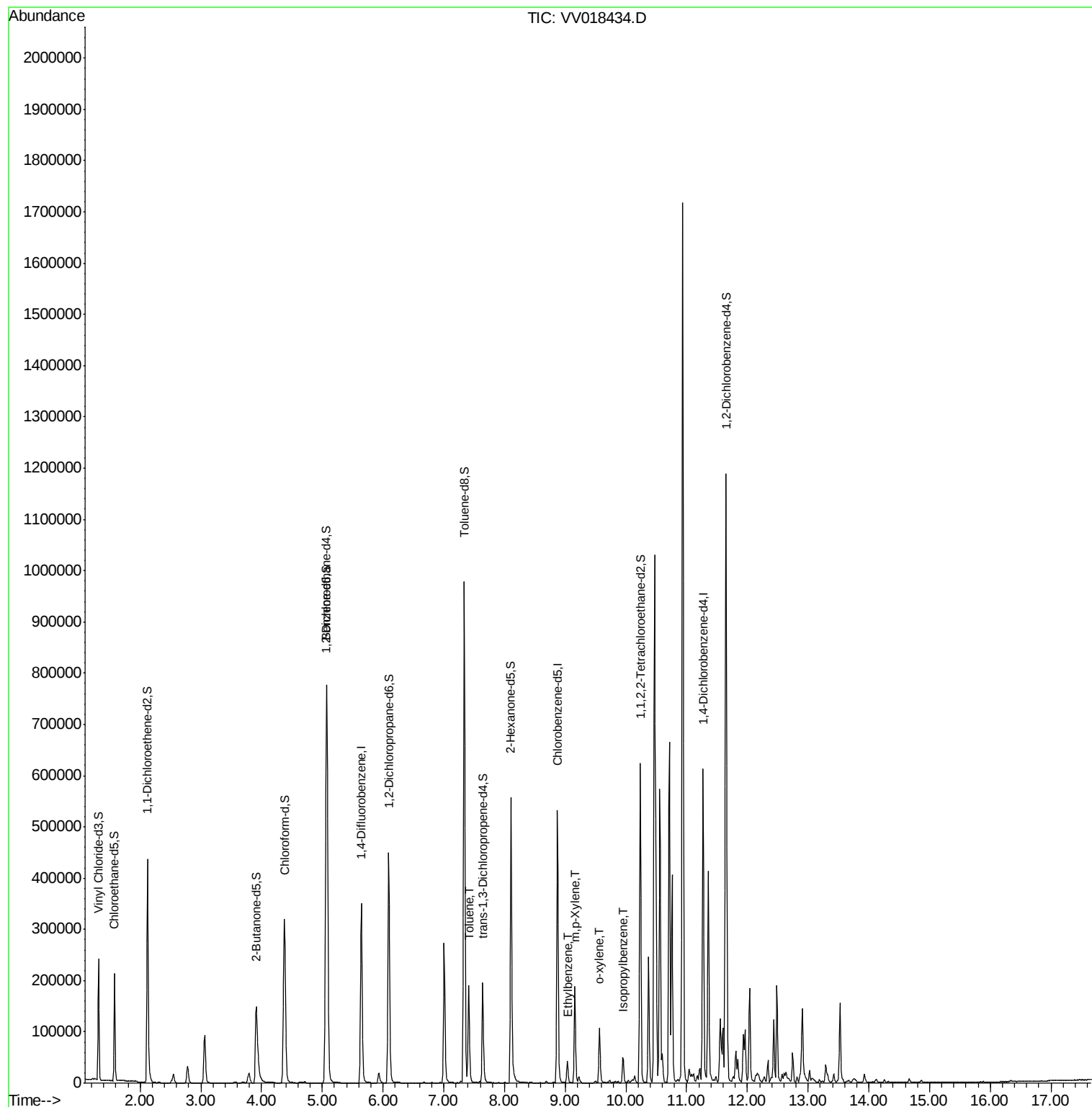
					Ovalue
42) Toluene	7.41	91	140050	15.790 ug/L	100
52) Ethylbenzene	9.04	91	29868	3.085 ug/L	97
53) m,p-Xylene	9.16	106	53383	14.770 ug/L	97
54) o-xylene	9.57	106	28257	8.115 ug/L	97
56) Isopropylbenzene	9.95	105	33665	3.587 ug/L	98

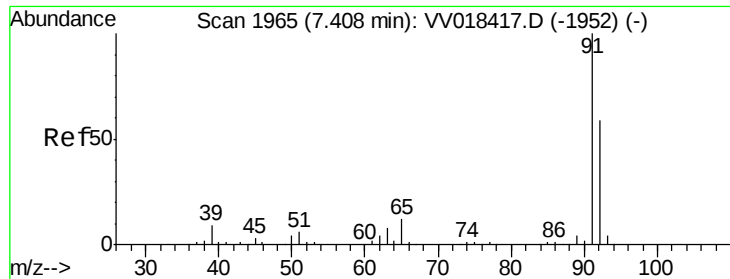
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration





#42

Toluene

Concen: 15.790 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV018434.D

Acq: 24 Sep 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

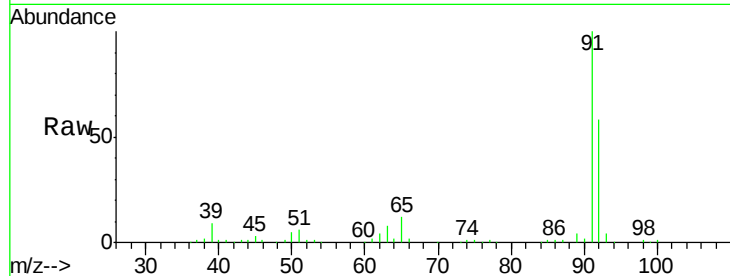
BG3Y1

Tot Ion: 91 Resp: 140050

Ion Ratio Lower Upper

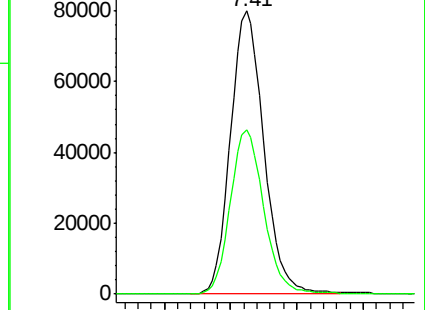
91 100

92 57.9 40.7 75.5

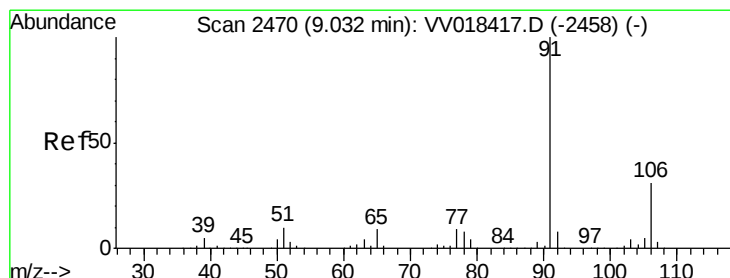
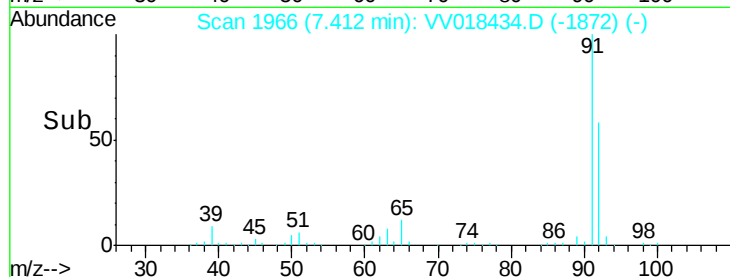


Abundance Ion 91.00 (90.70 to 91.70): VV018417.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV018417.D (-1952) (-)



Time-->



#52

Ethylbenzene

Concen: 3.085 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018434.D

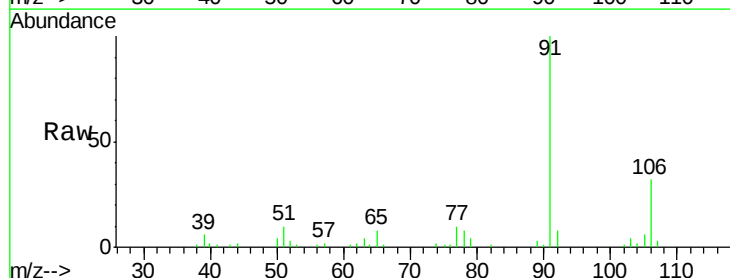
Acq: 24 Sep 2020 17:29

Tgt Ion: 91 Resp: 29868

Ion Ratio Lower Upper

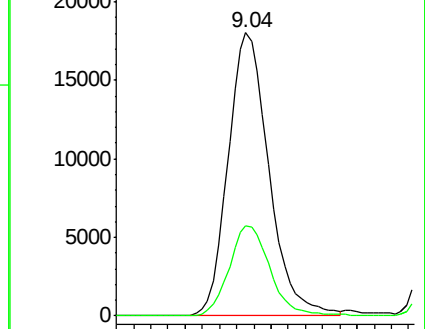
91 100

106 31.9 21.3 39.5

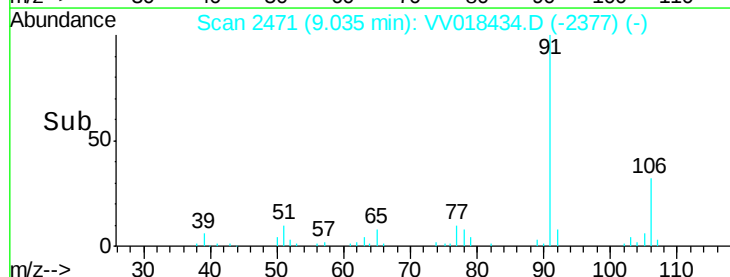


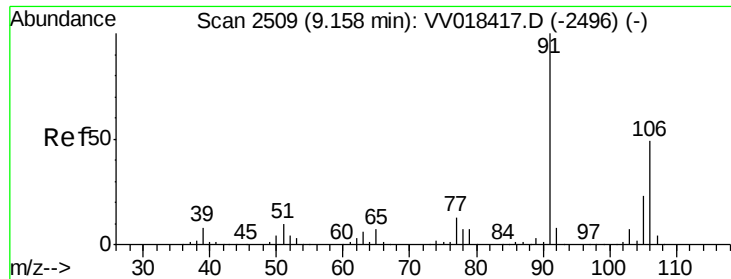
Abundance Ion 91.00 (90.70 to 91.70): VV018417.D (-2458) (-)

Ion 106.00 (105.70 to 106.70): VV018417.D (-2458) (-)



Time-->

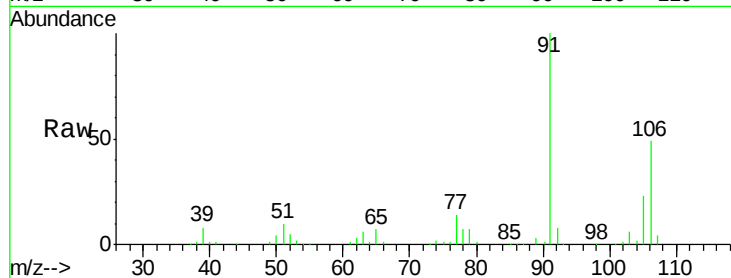




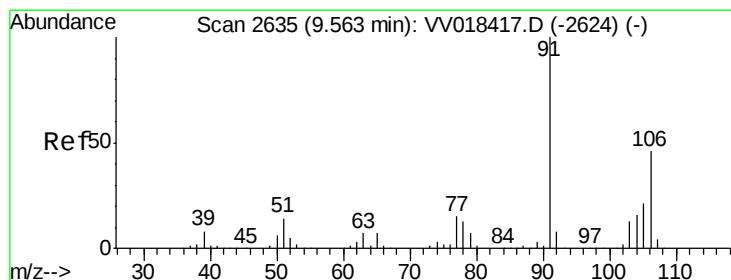
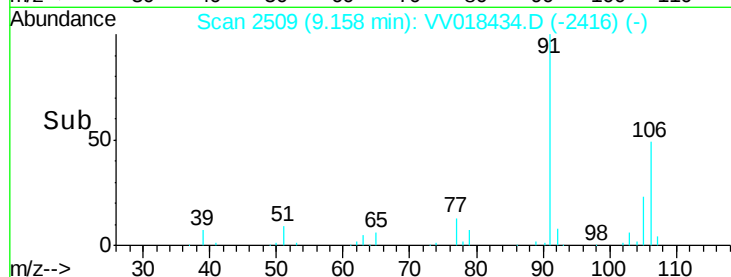
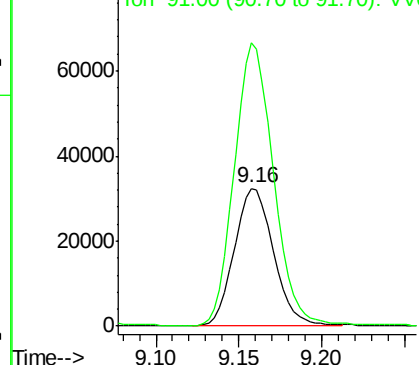
#53
m,p-Xylene
Concen: 14.770 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018434.D
Acq: 24 Sep 2020 17:29

Instrument :
MSVOA_V
ClientSampled :
BG3Y1

Tot Ion:106 Resp: 53383
Ion Ratio Lower Upper
106 100
91 205.6 146.7 272.5

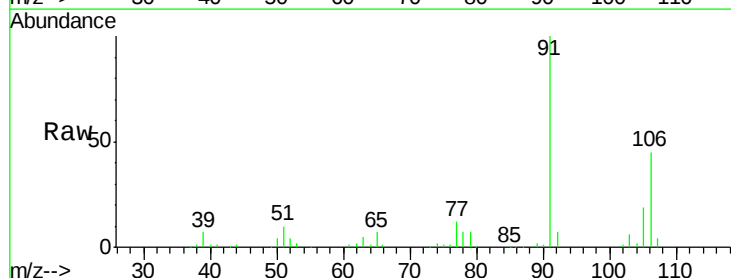


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

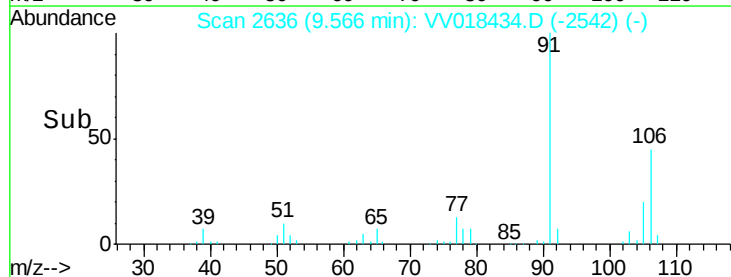
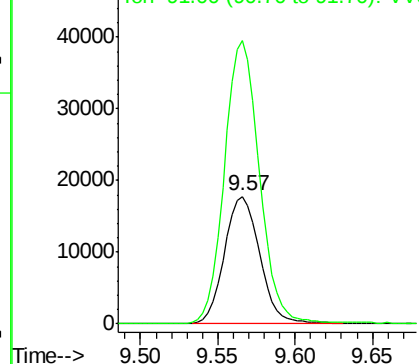


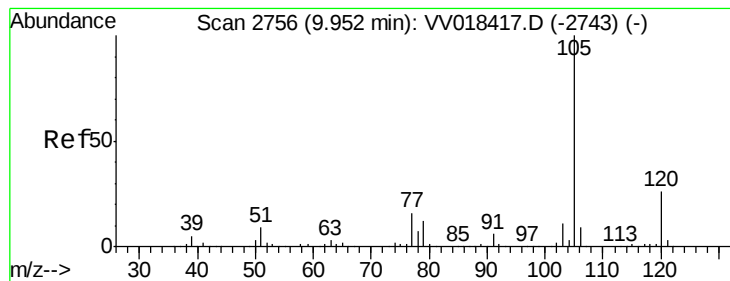
#54
o-xylene
Concen: 8.115 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018434.D
Acq: 24 Sep 2020 17:29

Tgt Ion:106 Resp: 28257
Ion Ratio Lower Upper
106 100
91 222.4 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 3.587 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018434.D

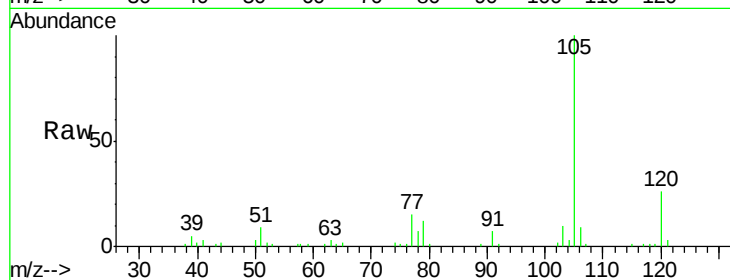
Acq: 24 Sep 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

BG3Y1



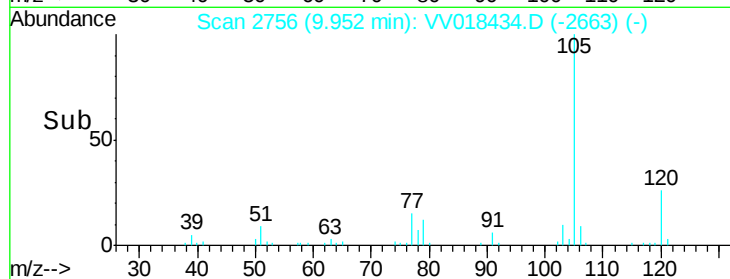
Tot Ion:105 Resp: 33665

Ion Ratio Lower Upper

105 100

120 25.2 20.9 31.3

77 15.0 12.5 18.7



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

