

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015871.D
 Acq On : 01 May 2020 20:22
 Operator : SY/MD
 Sample : L2432-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKT2

Manual Integrations
 APPROVED

apatel
 5/4/2020 12:35:35 PM

Quant Time: May 02 06:21:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28769	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	27153	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	43120	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.94	46	80768	39.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.04%
24) Chloroform-d	4.38	84	64345	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	37461	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.08	84	120834	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.10	67	41716	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	105924	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.65	79	12644	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.11	63	67639	39.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28397	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46191	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

					Ovalue
13) Acetone	2.23	43	5523m	3.892	ug/L
33) Benzene	5.13	78	13610	0.404	ug/L
42) Toluene	7.41	91	160550	4.457	ug/L
52) Ethylbenzene	9.03	91	805137	19.313	ug/L
53) m,p-xylene	9.16	106	472046	30.913	ug/L
54) o-xylene	9.56	106	272138	18.418	ug/L
56) Isopropylbenzene	9.95	105	43064	1.039	ug/L #

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

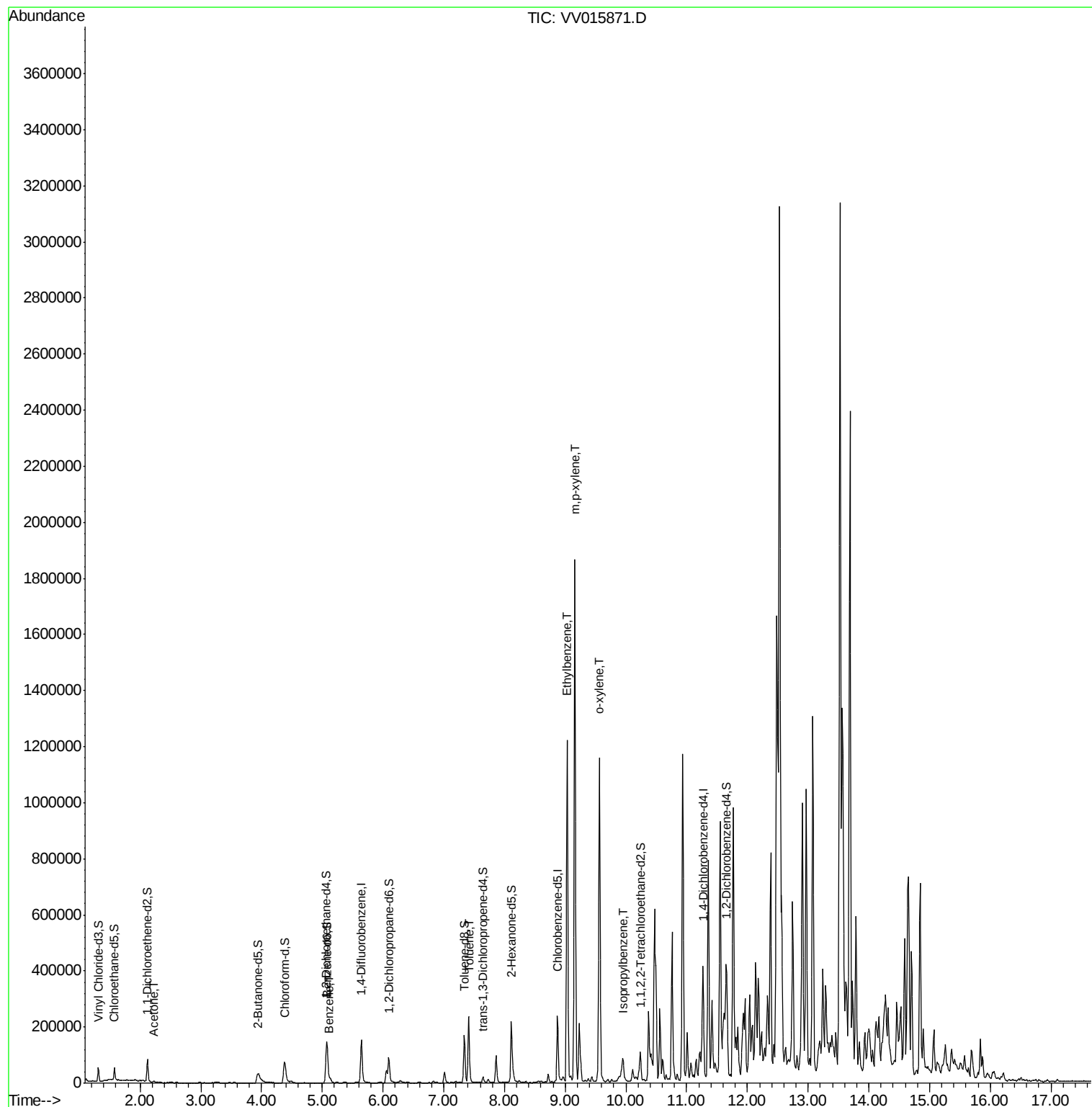
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

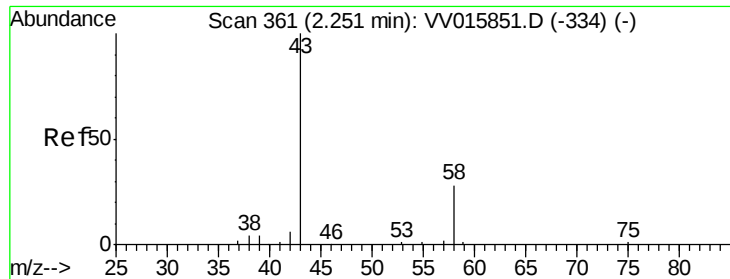
Instrument :
MSVOA_V
ClientSampleId :
ETKT2

Manual Integrations
APPROVED

apatel
5/4/2020 12:35:35 PM

Quant Time: May 02 06:21:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.892 ug/L m

RT: 2.23 min Scan# 354

Delta R.T. -0.02 min

Lab File: VV015871.D

Acq: 01 May 2020 20:22

Instrument :

MSVOA_V

ClientSampled :

ETKT2

Tot Ion: 43 Resp: 5523

Ion Ratio Lower Upper

43 100

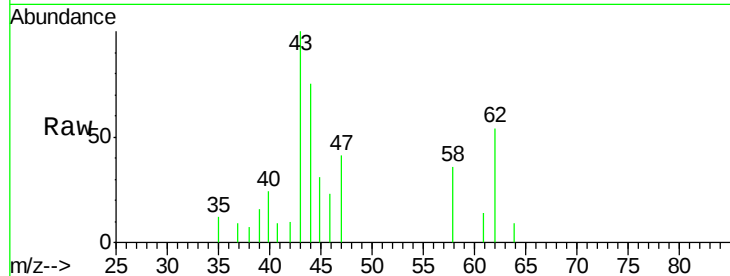
58 36.0 0.0 57.6

Manual Integrations

APPROVED

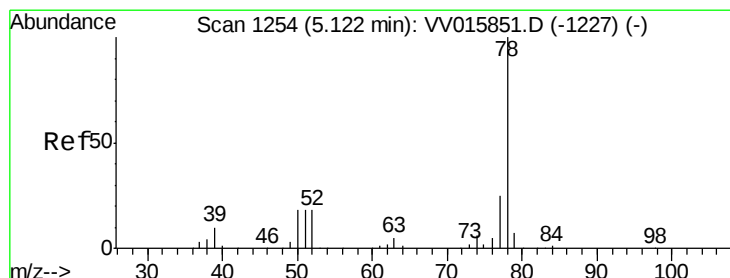
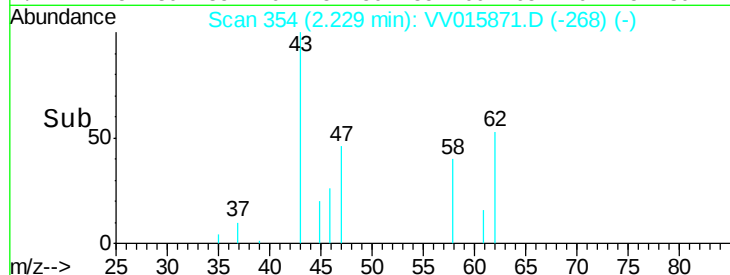
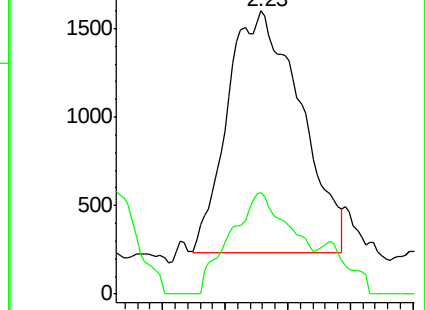
apatel

5/4/2020 12:35:35 PM



Abundance Ion 43.05 (42.75 to 43.75): VV015871.D (-268) (-)

Ion 58.05 (57.75 to 58.75): VV015871.D (-268) (-)



#33

Benzene

Concen: 0.404 ug/L

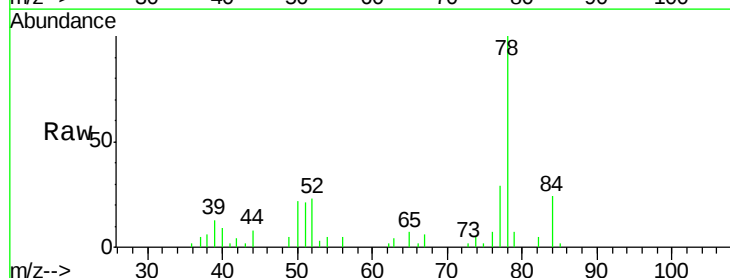
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

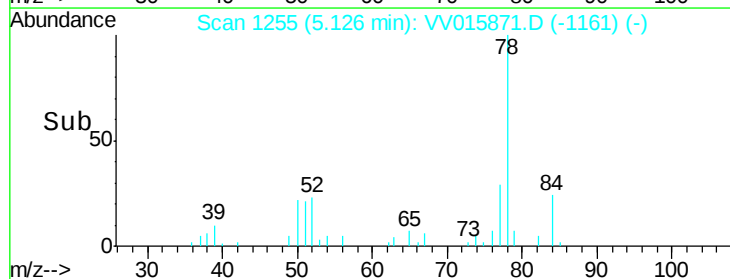
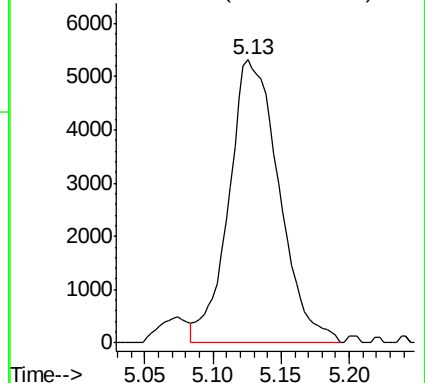
Lab File: VV015871.D

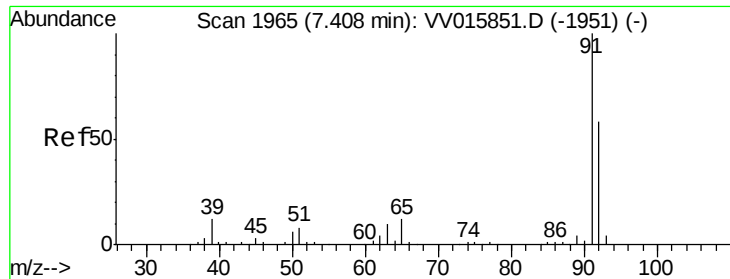
Acq: 01 May 2020 20:22

Tgt Ion: 78 Resp: 13610



Abundance Ion 78.10 (77.80 to 78.80): VV015871.D (-1161) (-)





#42

Toluene

Concen: 4.457 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015871.D

Acq: 01 May 2020 20:22

Instrument :

MSVOA_V

ClientSampled :

ETKT2

Tot Ion: 91 Resp: 160550

Ion Ratio Lower Upper

91 100

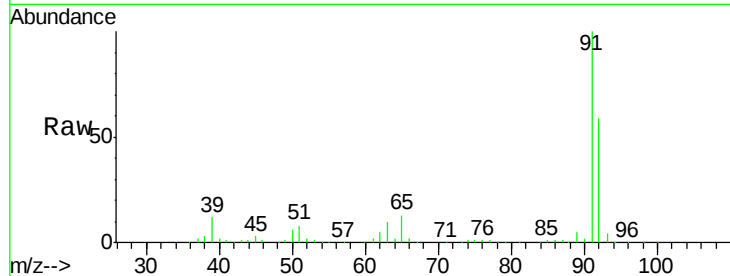
92 59.2 40.7 75.7

Manual Integrations

APPROVED

apatel

5/4/2020 12:35:35 PM



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

100000

80000

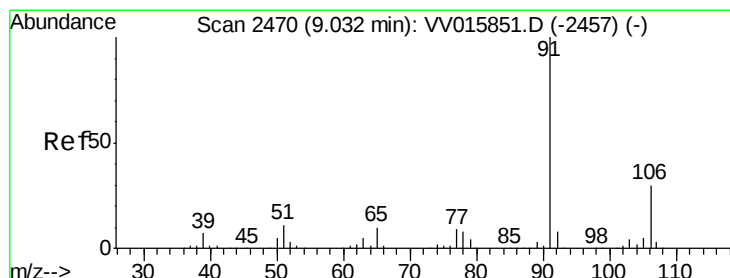
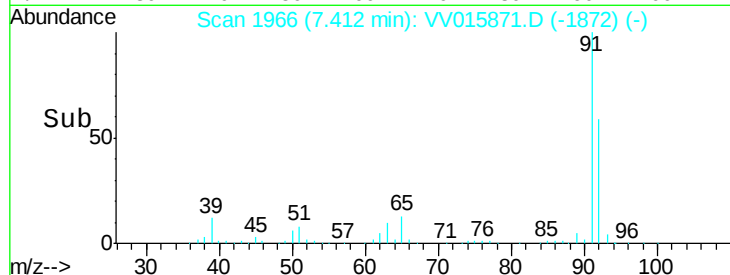
60000

40000

20000

0

Time-->



#52

Ethylbenzene

Concen: 19.313 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015871.D

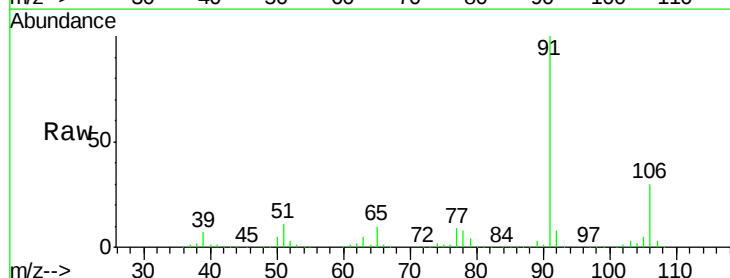
Acq: 01 May 2020 20:22

Tgt Ion: 91 Resp: 805137

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.03

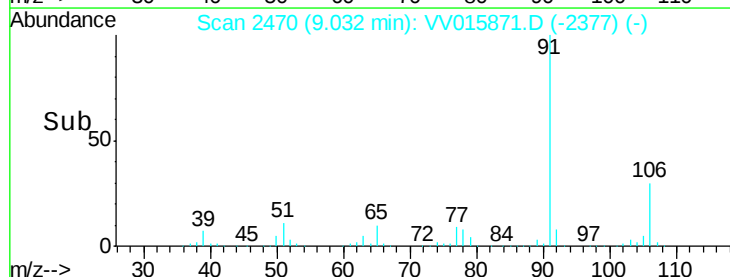
600000

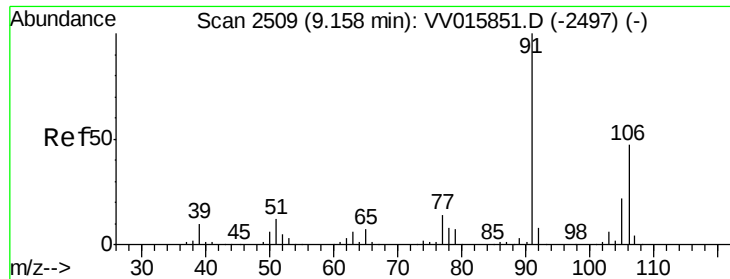
400000

200000

0

Time-->





#53

m,p-xylene

Concen: 30.913 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV015871.D

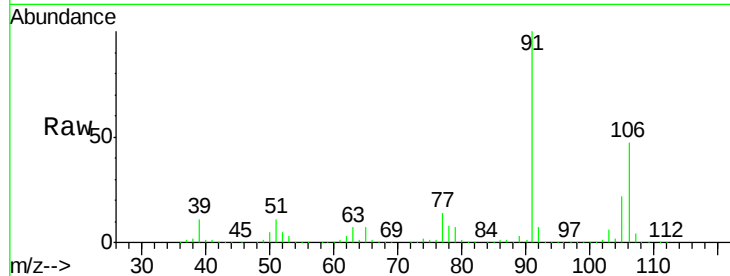
Acq: 01 May 2020 20:22

Instrument :
MSVOA_V
ClientSampled :
ETKT2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		472046		
91	212.1	147.8	274.4		

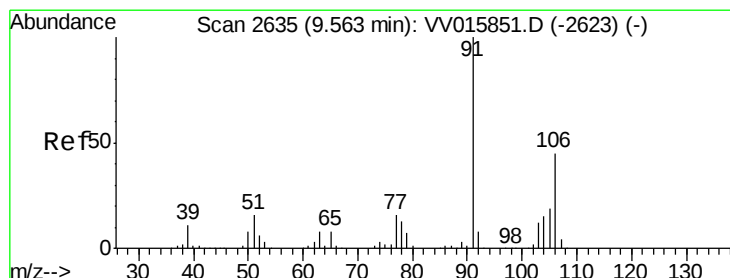
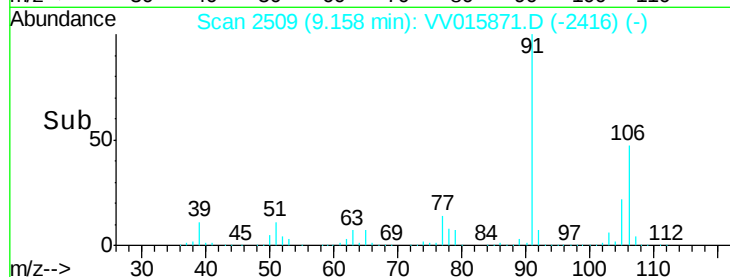
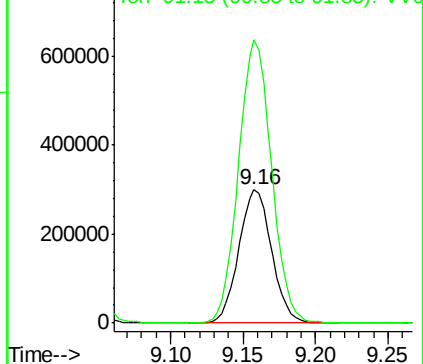
Manual Integrations
APPROVED

apatel
5/4/2020 12:35:35 PM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 18.418 ug/L

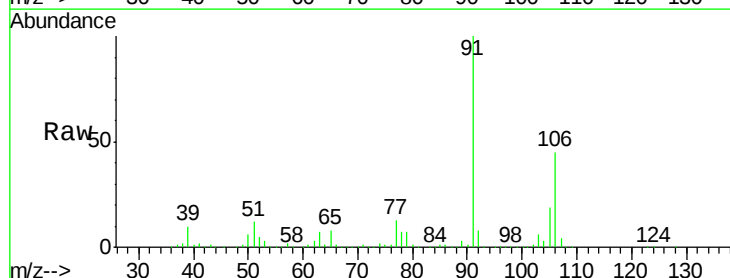
RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV015871.D

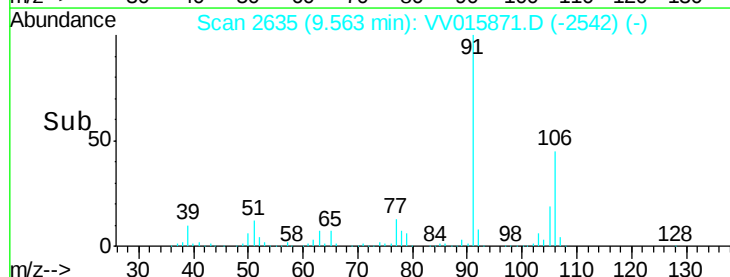
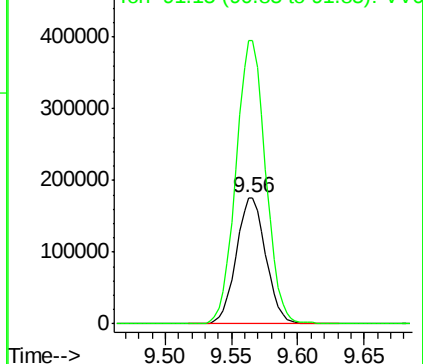
Acq: 01 May 2020 20:22

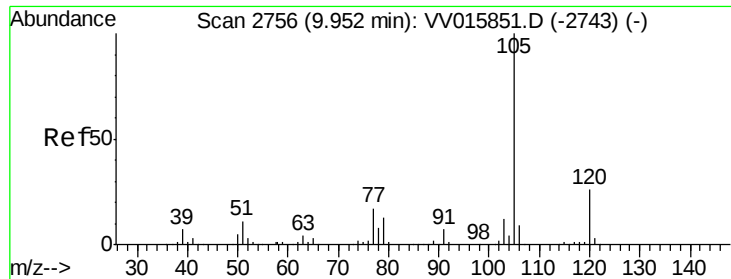
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		272138		
91	224.1	159.8	296.8		



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 1.039 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015871.D

Acq: 01 May 2020 20:22

Instrument :
MSVOA_V
ClientSampleId :
ETKT2

Tot Ion	Ratio	Resp	Lower	Upper
105	100	43064		
120	25.7		20.7	31.1
77	21.1		13.9	20.9

Manual Integrations
APPROVED

apatel
5/4/2020 12:35:35 PM

