

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012295.D
 Acq On : 19 Aug 2019 23:36
 Operator : SY/MD
 Sample : K4373-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 12:41:46 PM

Quant Time: Aug 20 04:22:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241722	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76692	6.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.20%
7) Chloroethane-d5	1.58	69	57596	6.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.60%
11) 1,1-Dichloroethene-d2	2.13	63	84219	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.97	46	158264	47.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	4.40	84	151296	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	72934	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.09	84	320176	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	92406	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.36	98	281560	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.66	79	32327	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	137491	62.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	63913	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	97874	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

					Ovalue
13) Acetone	2.23	43	16200m	9.300	ug/L
15) Methyl Acetate	2.47	43	8154	2.360	ug/L
33) Benzene	5.14	78	3548451	58.715	ug/L
42) Toluene	7.43	91	6199885	92.684	ug/L
52) Ethylbenzene	9.05	91	4348855	58.106	ug/L
53) m,p-xylene	9.18	106	3145863	107.667	ug/L
54) o-xylene	9.59	106	1652180	58.792	ug/L
56) Isopropylbenzene	9.97	105	276186	3.561	ug/L

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

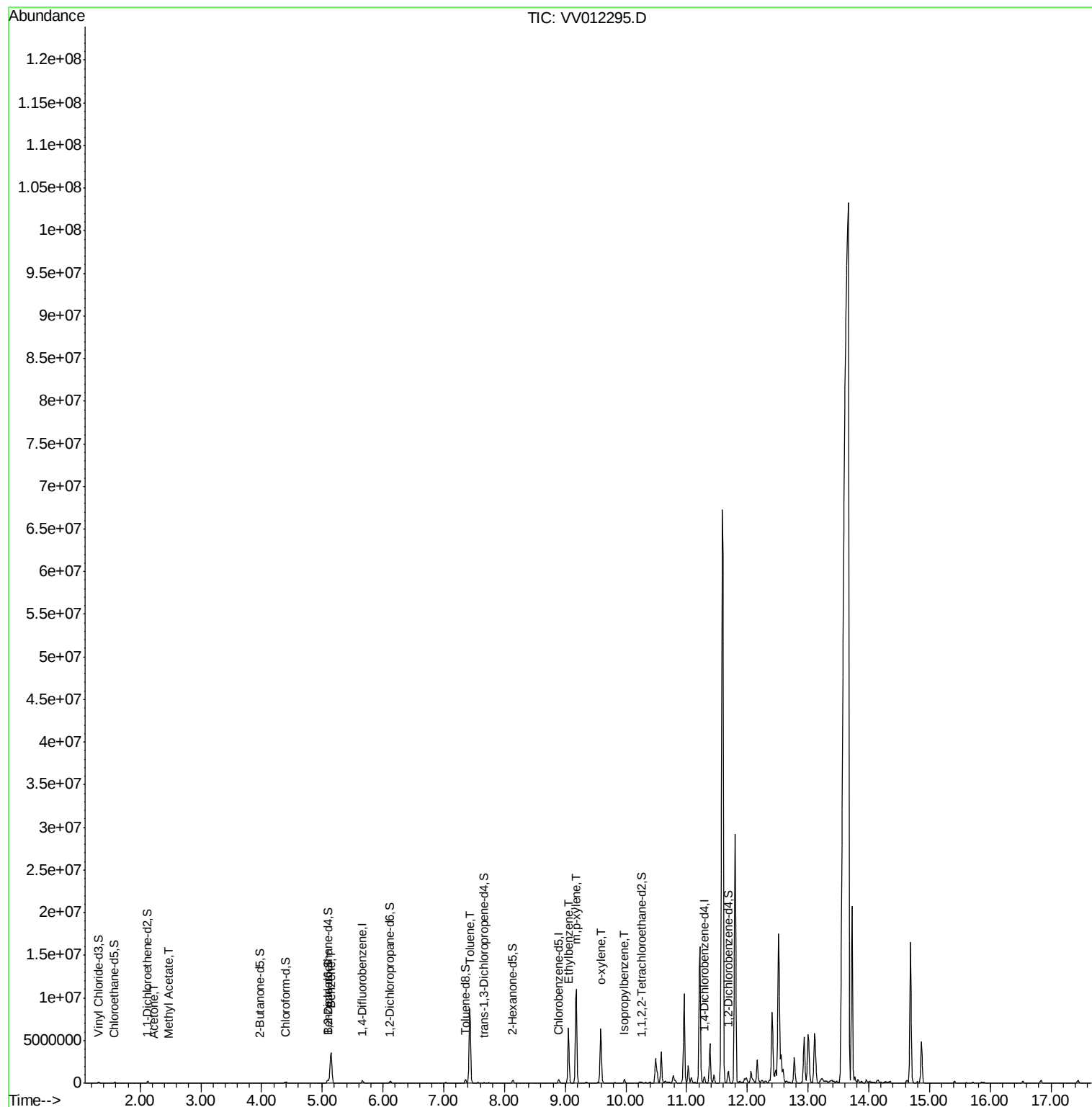
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

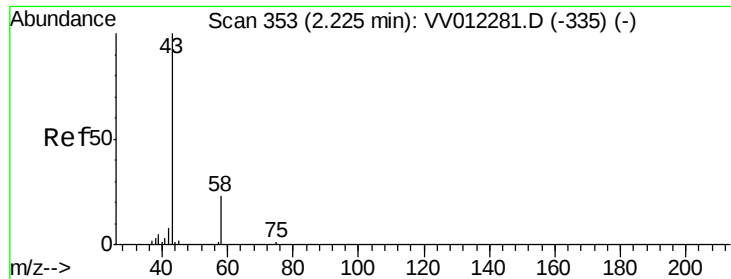
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

MMDadoda
8/20/2019 12:41:46 PM

Quant Time: Aug 20 04:22:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.300 ug/L m

RT: 2.23 min Scan# 356

Delta R.T. 0.01 min

Lab File: VV012295.D

Acq: 19 Aug 2019 23:36

Instrument :

MSVOA_V

ClientSampleId :

C0AD2

Tot Ion: 43 Resp: 16200

Ion Ratio Lower Upper

43 100

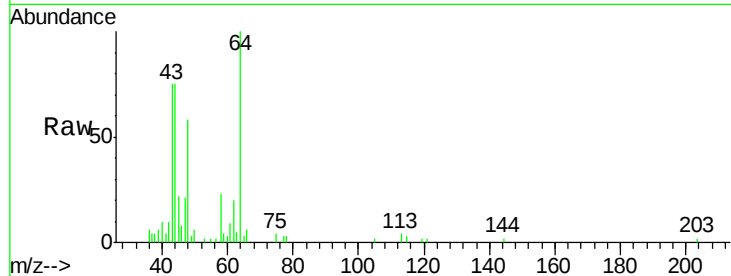
58 1.0 0.0 25.6

Manual Integrations

APPROVED

MMDadoda

8/20/2019 12:41:46 PM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

4000

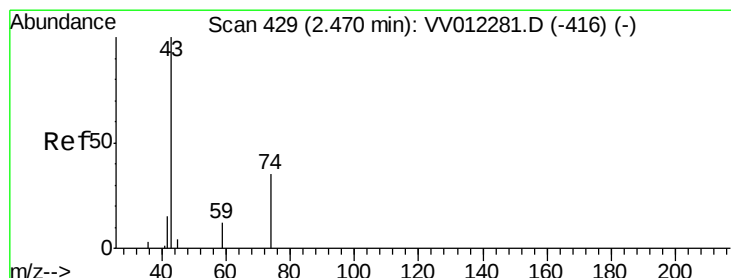
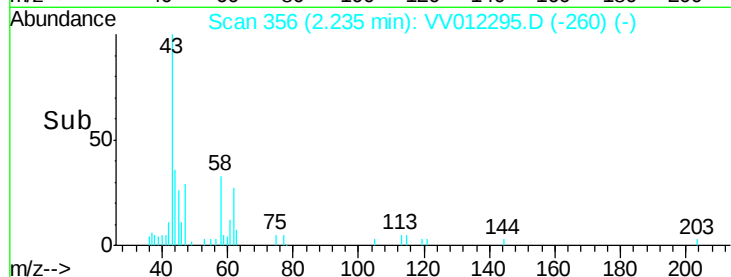
3000

2000

1000

0

Time-->



#15

Methyl Acetate

Concen: 2.360 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV012295.D

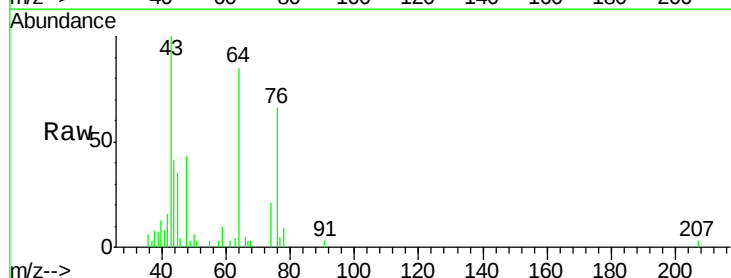
Acq: 19 Aug 2019 23:36

Tgt Ion: 43 Resp: 8154

Ion Ratio Lower Upper

43 100

74 25.3 24.9 37.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.47

4000

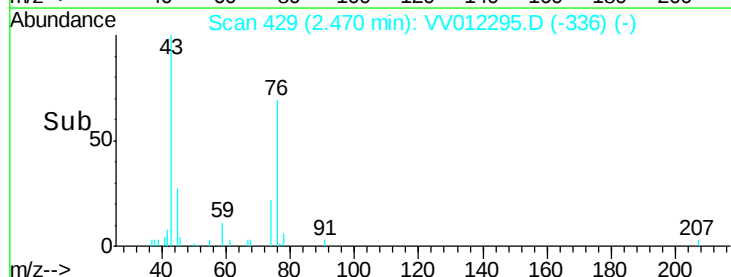
3000

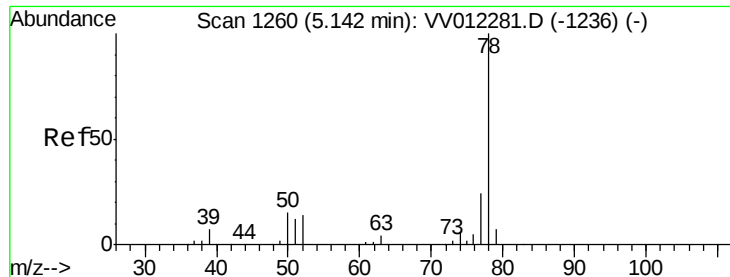
2000

1000

0

Time-->





#33

Benzene

Concen: 58.715 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VV012295.D

Acq: 19 Aug 2019 23:36

Instrument :

MSVOA_V

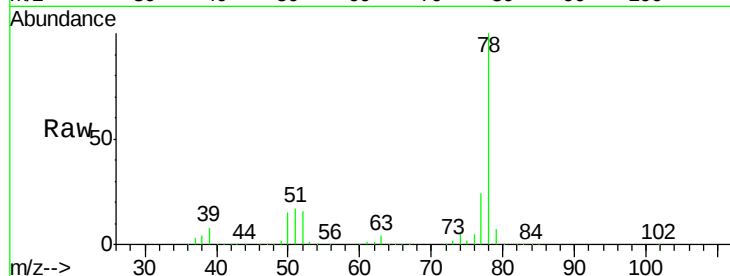
ClientSampleId :

C0AD2

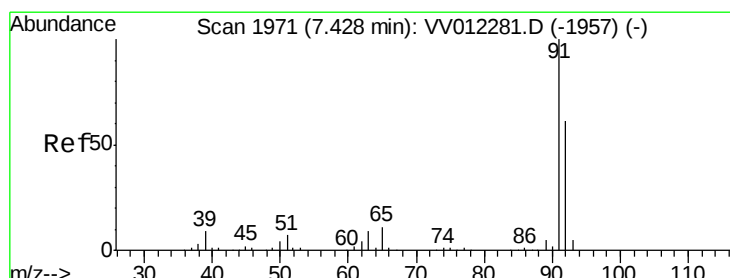
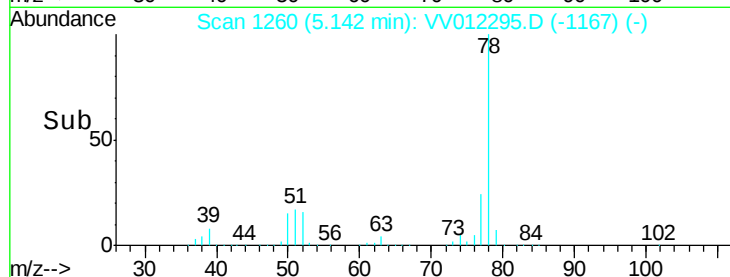
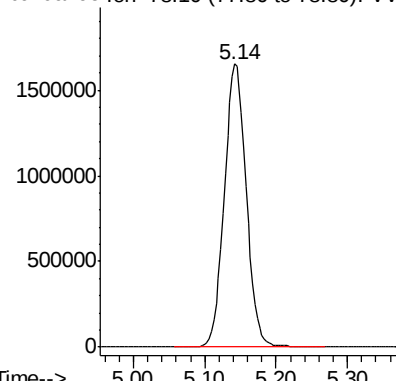
Tgt Ion: 78 Resp: 3548451

Manual Integrations
APPROVED

MMDadoda
8/20/2019 12:41:46 PM



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 92.684 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012295.D

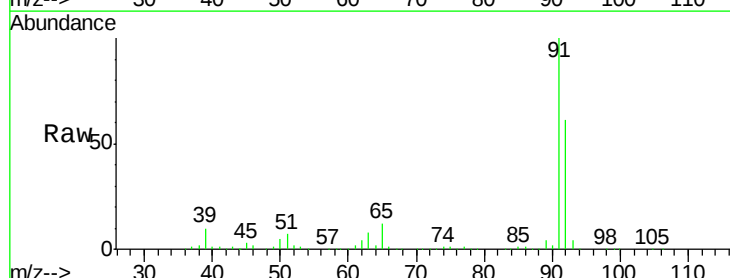
Acq: 19 Aug 2019 23:36

Tgt Ion: 91 Resp: 6199885

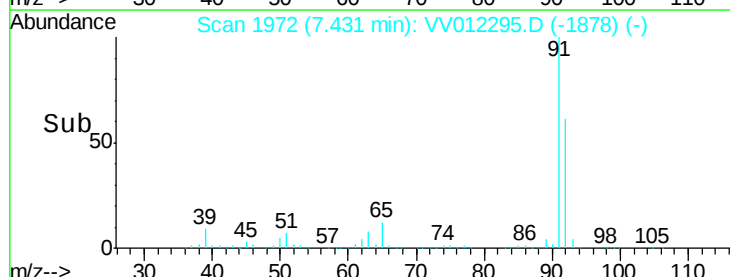
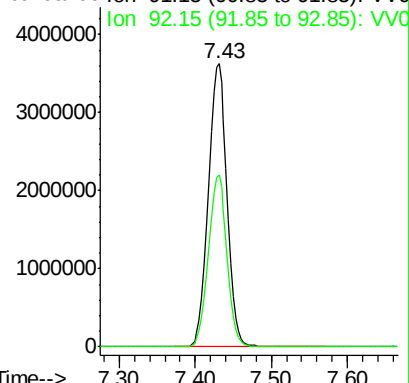
Ion	Ratio	Lower	Upper
91	100		
92	60.6	41.6	77.3

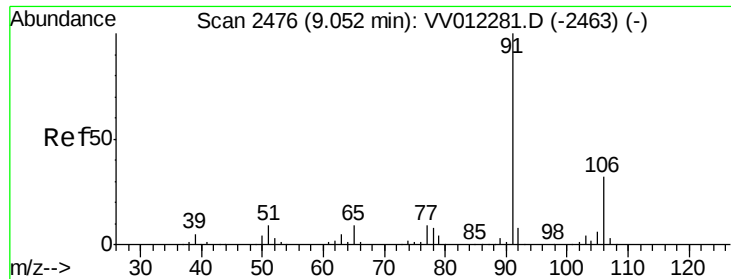
91 100

92 60.6 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 58.106 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012295.D

Acq: 19 Aug 2019 23:36

Tot Ion: 91 Resp: 4348855

Ion Ratio Lower Upper

91 100

106 32.1 21.6 40.0

Instrument :

MSVOA_V

ClientSampleId :

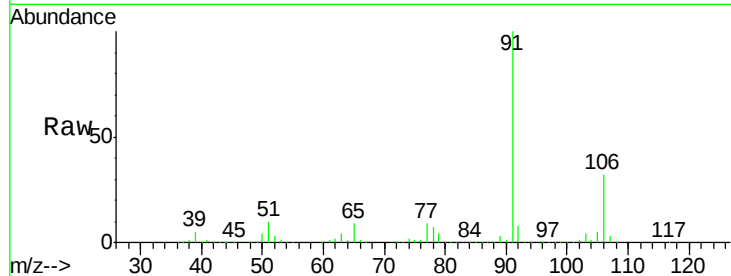
C0AD2

Manual Integrations

APPROVED

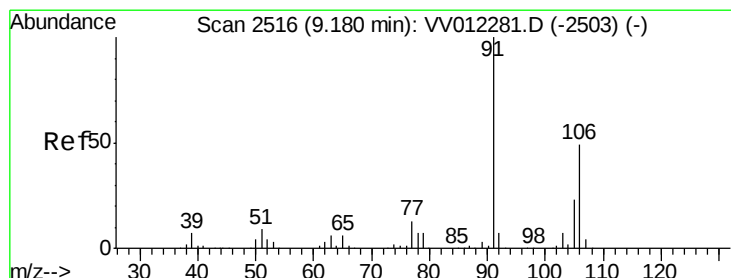
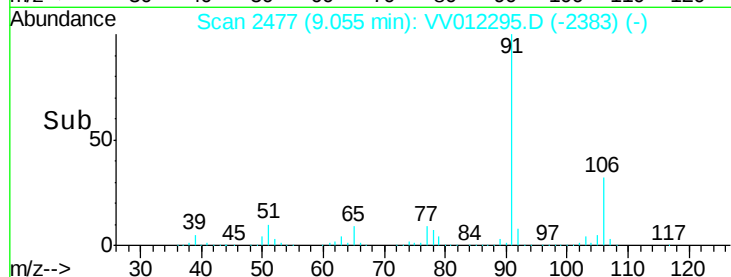
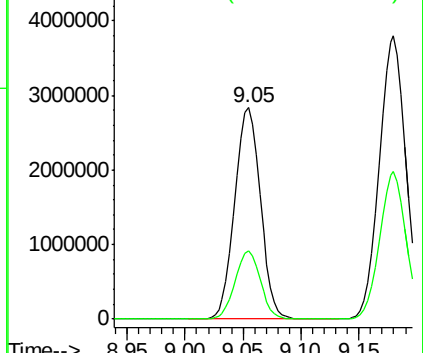
MMDadoda

8/20/2019 12:41:46 PM



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 107.667 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012295.D

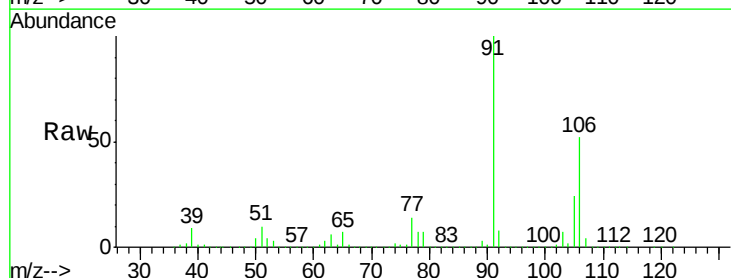
Acq: 19 Aug 2019 23:36

Tgt Ion:106 Resp: 3145863

Ion Ratio Lower Upper

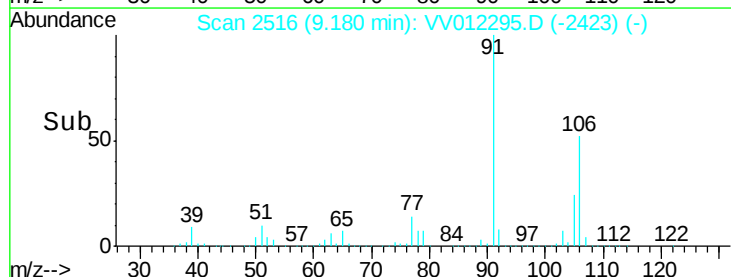
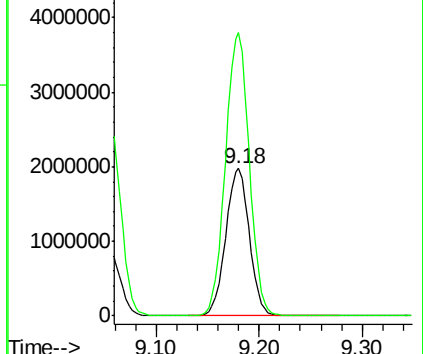
106 100

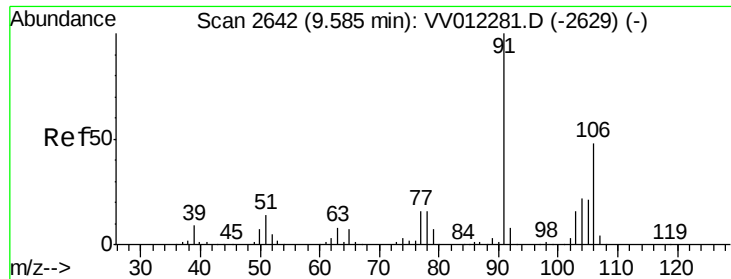
91 192.0 136.0 252.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54

o-xylene

Concen: 58.792 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012295.D

Acq: 19 Aug 2019 23:36

Instrument :

MSVOA_V

ClientSampled :

C0AD2

Tot Ion:106 Resp: 1652180

Ion Ratio Lower Upper

106 100

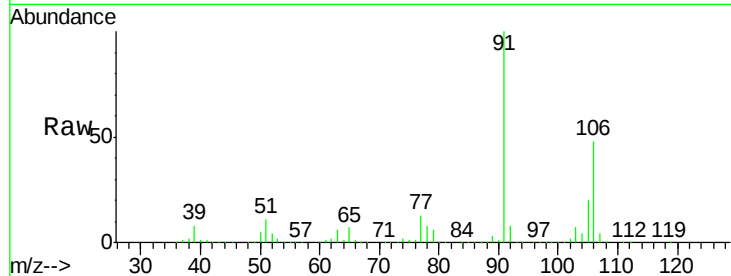
91 207.1 148.7 276.1

Manual Integrations

APPROVED

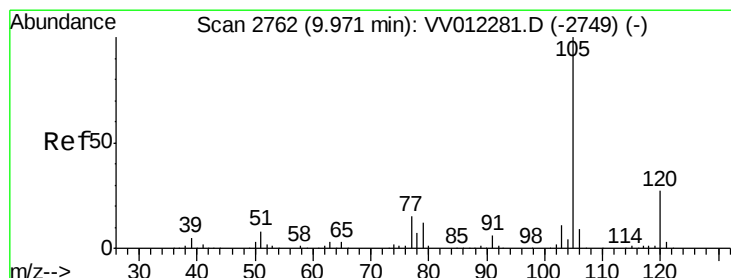
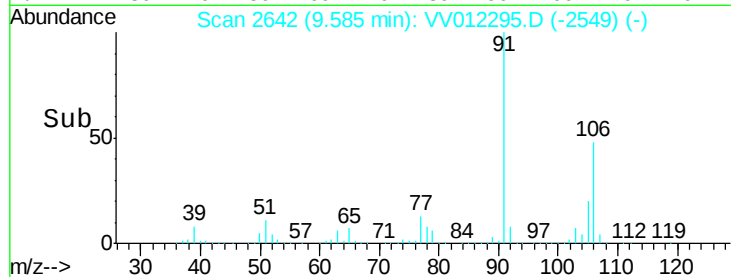
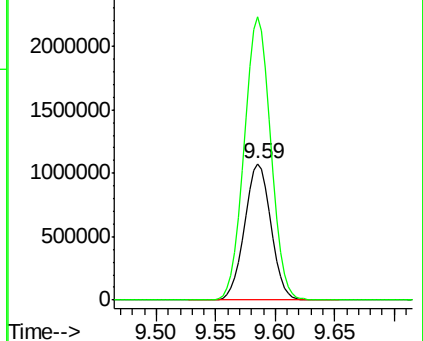
MMDadoda

8/20/2019 12:41:46 PM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 3.561 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012295.D

Acq: 19 Aug 2019 23:36

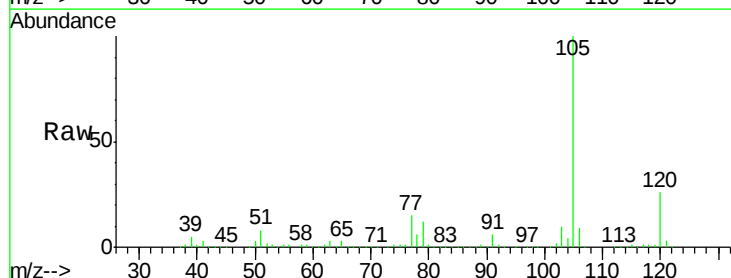
Tgt Ion:105 Resp: 276186

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.0

77 15.3 12.2 18.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

