

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV082019\
 Data File : VV012308.D
 Acq On : 20 Aug 2019 13:08
 Operator : SY/MD
 Sample : K4395-04DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2DL

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 8:28:08 AM

Quant Time: Aug 28 09:27:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 01:13:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135816	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22078	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.58	69	17535	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.13	63	36106	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.97	46	59203	31.64	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.28%
24) Chloroform-d	4.39	84	72994	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
26) 1,2-Dichloroethane-d4	5.08	65	36534	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	5.09	84	140983	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.11	67	36583	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.80%
41) Toluene-d8	7.36	98	139787	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	16940	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	58448	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26066	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60619	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.31	76	16269	0.940	ug/L	99
21) 2-Butanone	4.05	43	11001m	5.924	ug/L	
33) Benzene	5.14	78	81599	2.378	ug/L	100
42) Toluene	7.43	91	80884	2.129	ug/L	97
52) Ethylbenzene	9.05	91	238703	5.617	ug/L	100
53) m,p-xylene	9.18	106	82106	4.949	ug/L	97
54) o-xylene	9.59	106	56345	3.531	ug/L	99
56) Isopropylbenzene	9.97	105	35137	0.798	ug/L	99

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

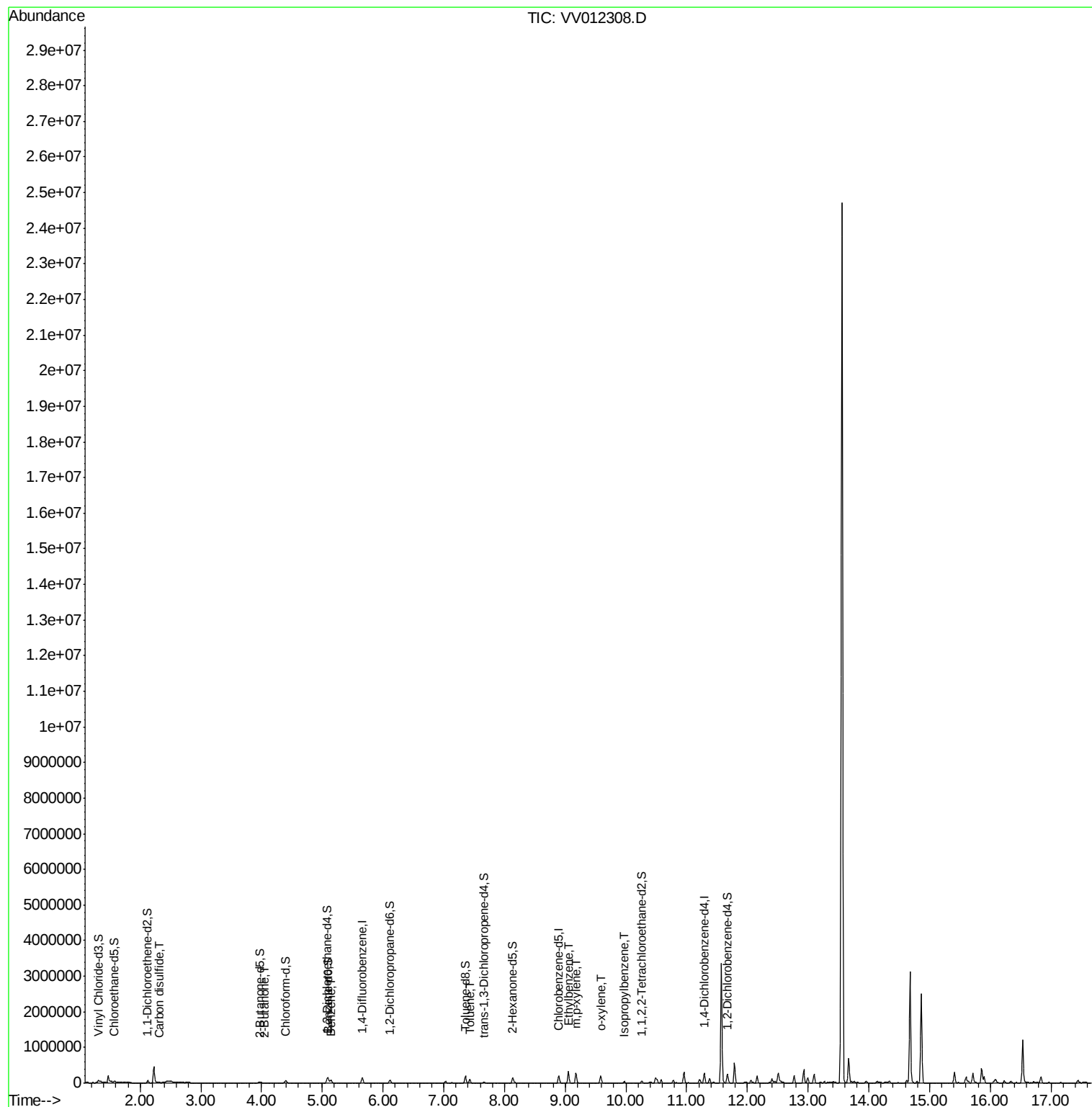
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV082019\
Data File : VV012308.D
Acq On : 20 Aug 2019 13:08
Operator : SY/MD
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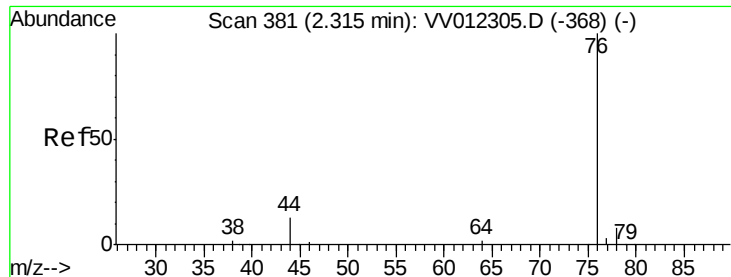
Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.940 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012308.D

Acq: 20 Aug 2019 13:08

Instrument :

MSVOA_V

ClientSampled :

C0AE2DL

Tot Ion: 76 Resp: 16269

Ion Ratio Lower Upper

76 100

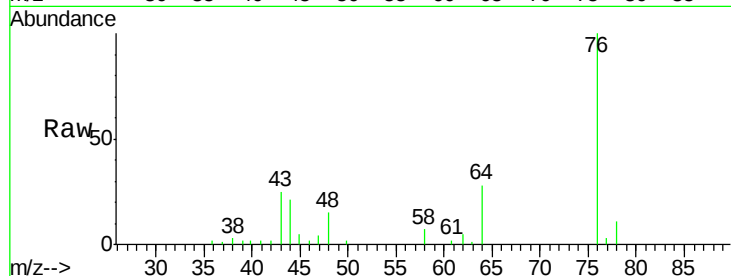
78 10.6 8.3 12.5

Manual Integrations

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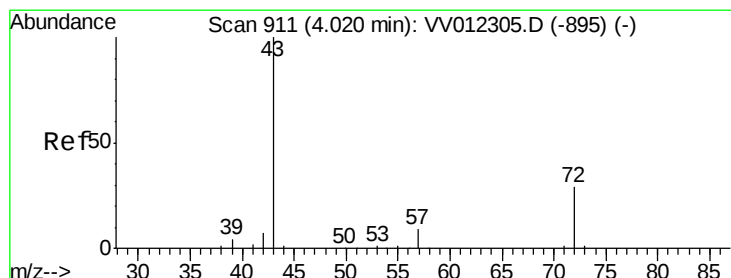
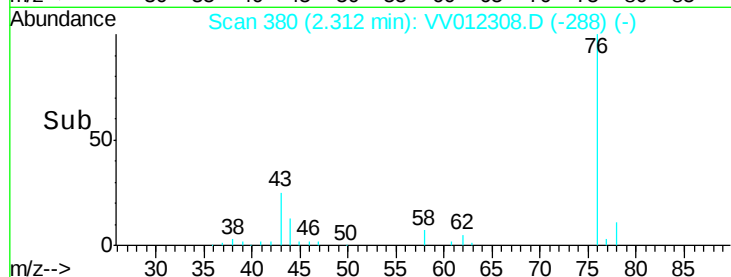
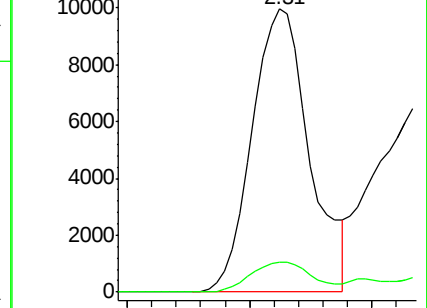
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Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#21

2-Butanone

Concen: 5.924 ug/L m

RT: 4.05 min Scan# 922

Delta R.T. 0.04 min

Lab File: VV012308.D

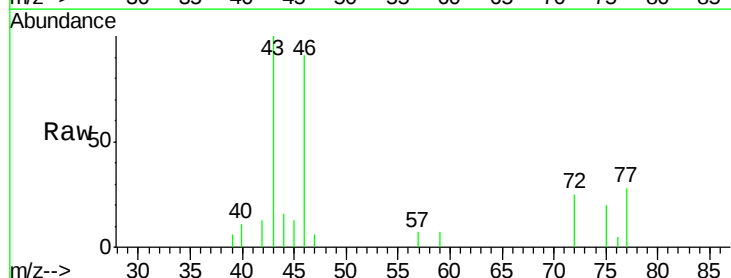
Acq: 20 Aug 2019 13:08

Tgt Ion: 43 Resp: 11001

Ion Ratio Lower Upper

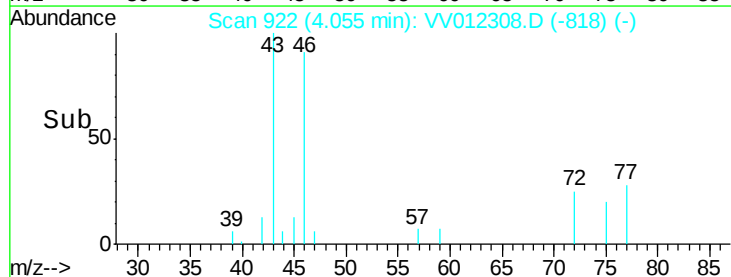
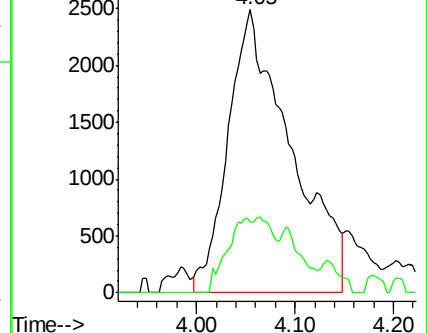
43 100

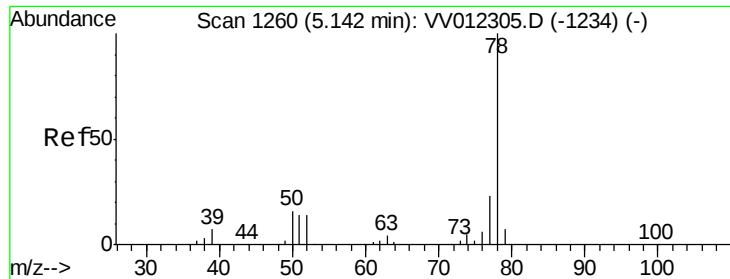
72 10.2 14.8 44.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





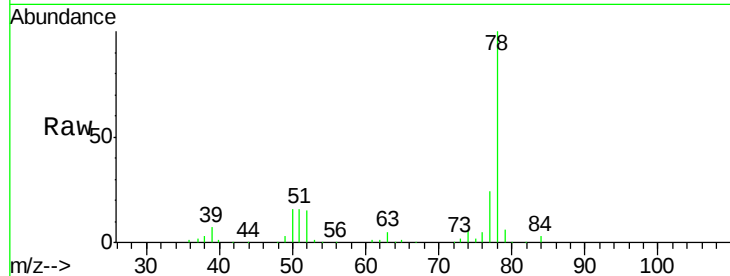
#33
Benzene
Concen: 2.378 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV012308.D
Acq: 20 Aug 2019 13:08

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

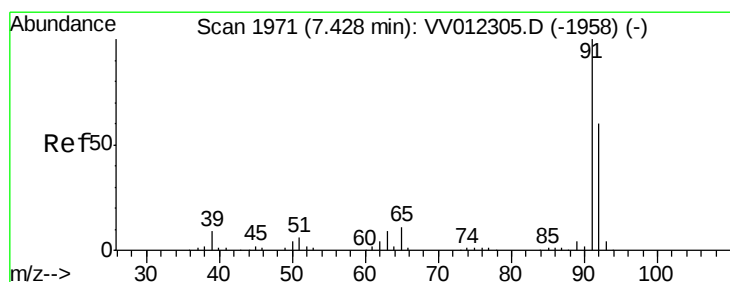
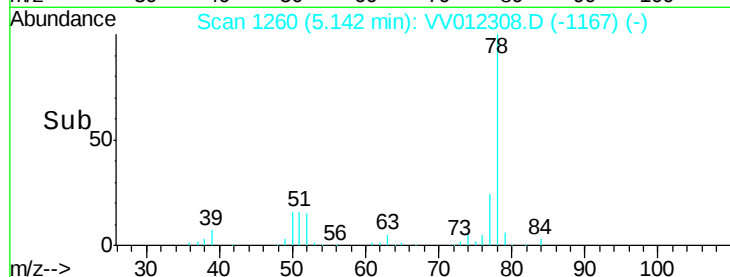
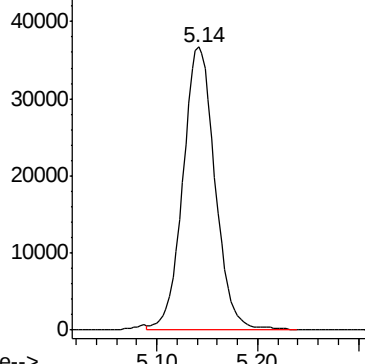
Tgt Ion: 78 Resp: 81599

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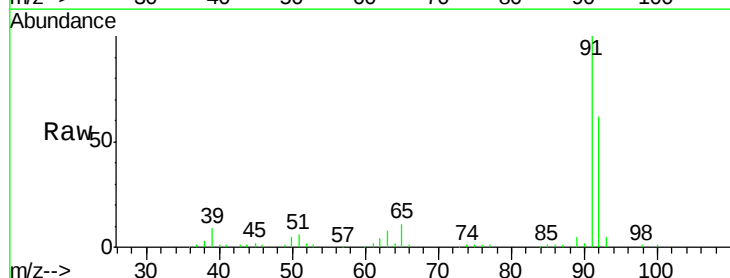


Abundance Ion 78.10 (77.80 to 78.80): VV0

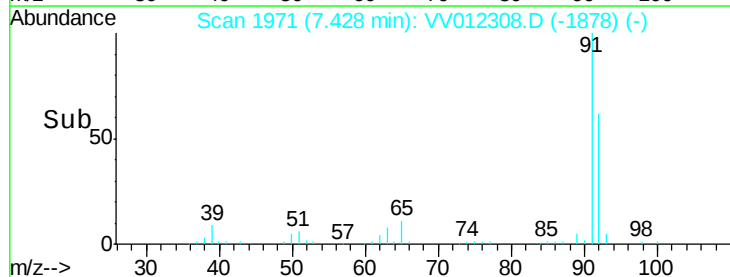
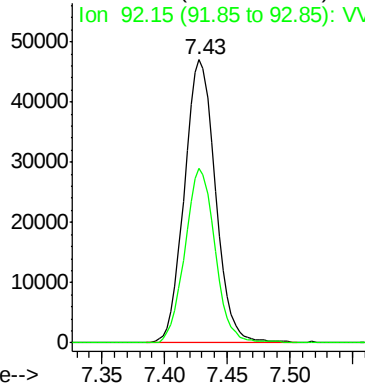


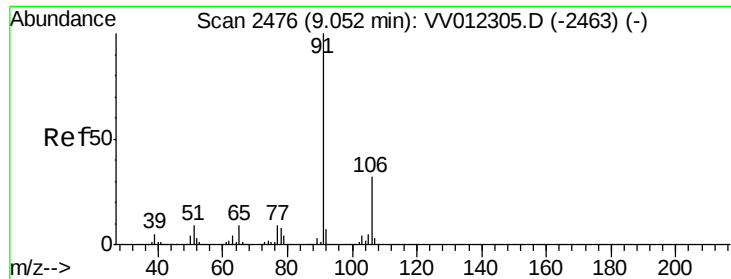
#42
Toluene
Concen: 2.129 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV012308.D
Acq: 20 Aug 2019 13:08

Tgt Ion: 91 Resp: 80884
Ion Ratio Lower Upper
91 100
92 61.6 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 5.617 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV012308.D

Acq: 20 Aug 2019 13:08

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

Tot Ion: 91 Resp: 238703

Ion Ratio Lower Upper

91 100

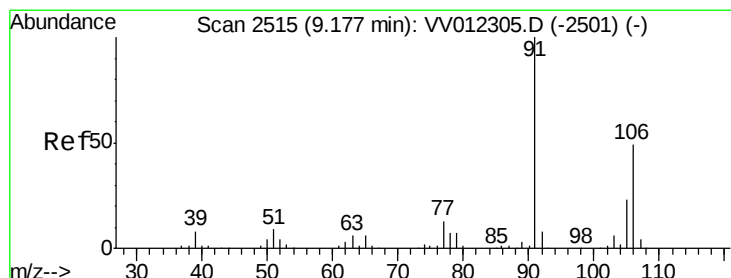
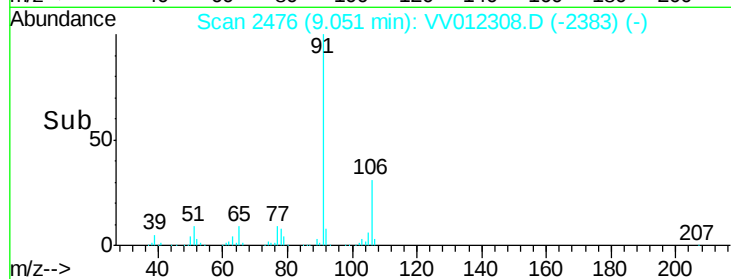
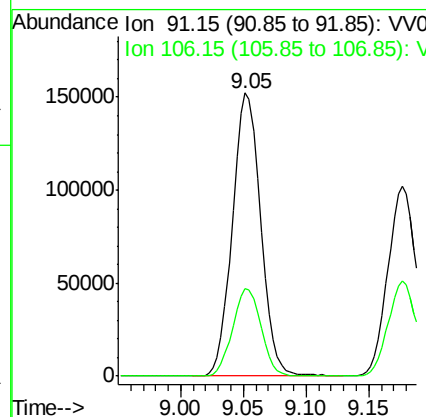
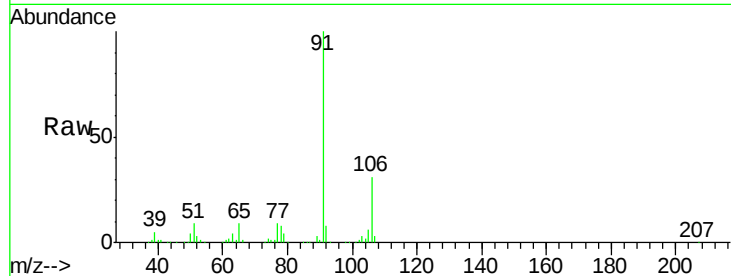
106 30.7 21.6 40.0

Manual Integrations

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#53

m,p-xylene

Concen: 4.949 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV012308.D

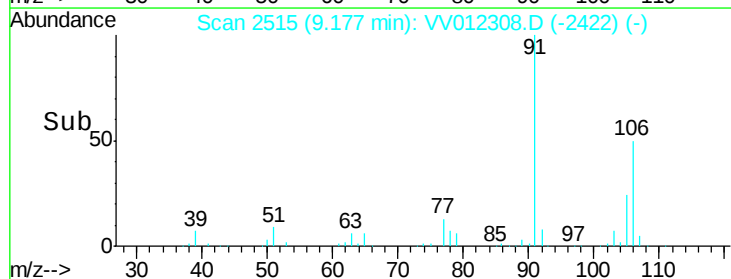
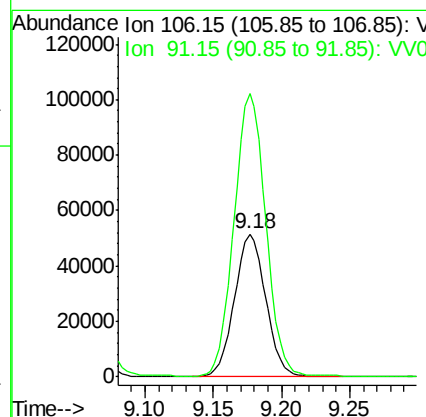
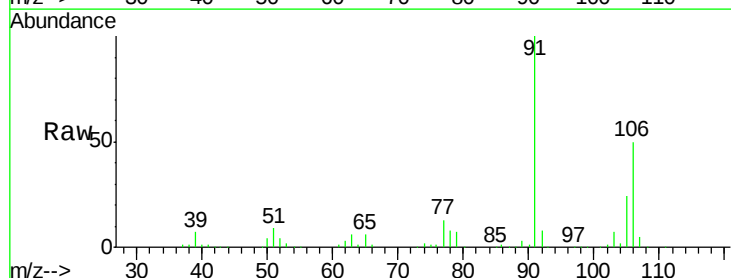
Acq: 20 Aug 2019 13:08

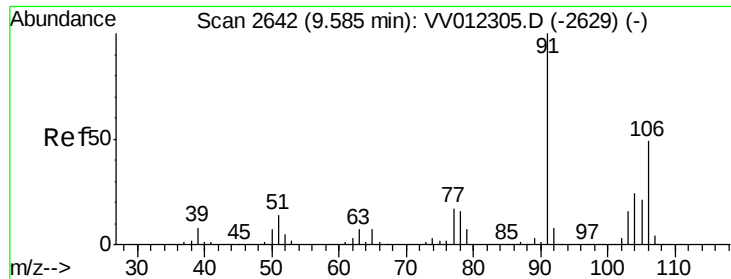
Tgt Ion: 106 Resp: 82106

Ion Ratio Lower Upper

106 100

91 198.5 136.0 252.6





#54

o-xylene

Concen: 3.531 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012308.D

Acq: 20 Aug 2019 13:08

Instrument :

MSVOA_V

ClientSampled :

C0AE2DL

Tot Ion:106 Resp: 56345

Ion Ratio Lower Upper

106 100

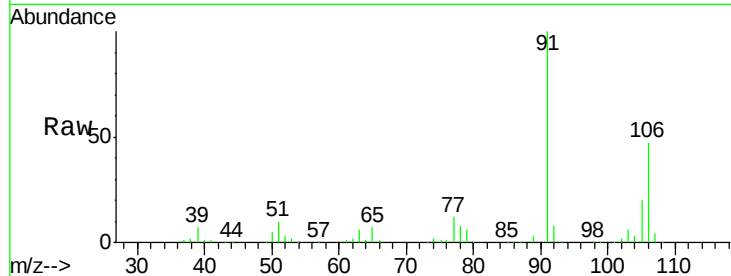
91 213.2 148.7 276.1

Manual Integrations

APPROVED

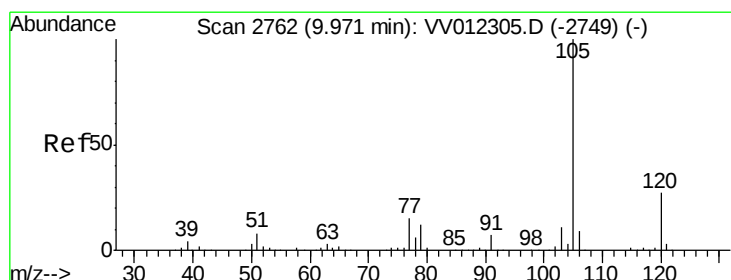
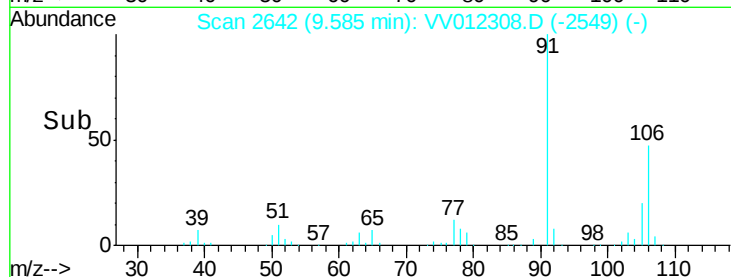
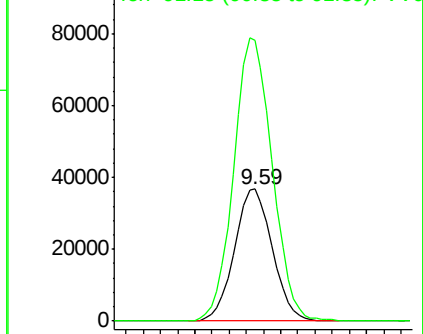
MMDadoda

8/22/2019 8:28:08 AM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.798 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV012308.D

Acq: 20 Aug 2019 13:08

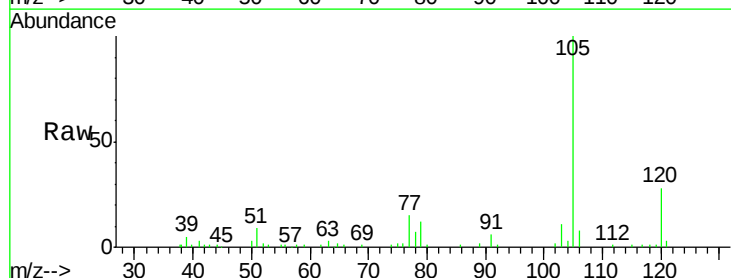
Tgt Ion:105 Resp: 35137

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

77 15.7 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

