

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012310.D
 Acq On : 20 Aug 2019 14:11
 Operator : SY/MD
 Sample : K4373-14DL 10X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2DL

Quant Time: Aug 21 02:19:30 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	133407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23873	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.56	69	18093	3.63	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.12	63	42001	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.93	46	83210	45.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	4.40	84	83220	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	44067	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.09	84	164321	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	43199	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	163093	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.66	79	20361	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.13	63	78413	63.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33679	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	72282	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

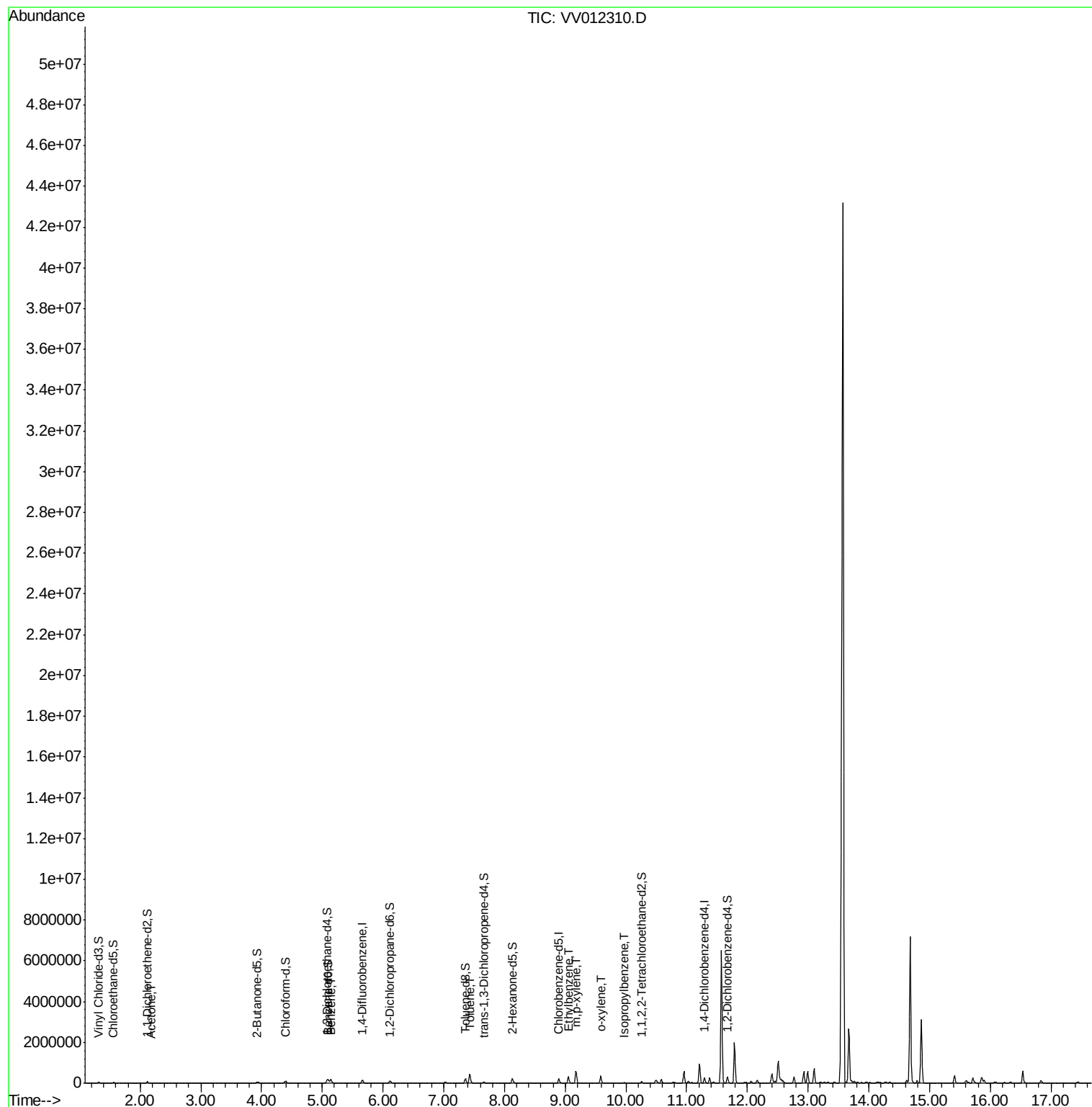
					Ovalue
13) Acetone	2.19	43	1226	1.275	ug/L 78
33) Benzene	5.14	78	172933	5.091	ug/L 100
42) Toluene	7.43	91	321545	8.553	ug/L 99
52) Ethylbenzene	9.05	91	232969	5.538	ug/L 96
53) m,p-xylene	9.18	106	167020	10.171	ug/L 95
54) o-xylene	9.59	106	87627	5.548	ug/L 99
56) Isopropylbenzene	9.97	105	16414	0.377	ug/L 99

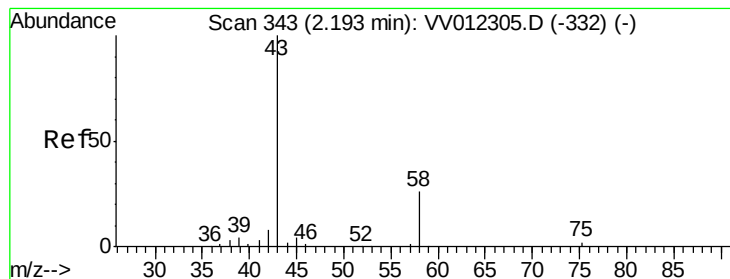
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.275 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV012310.D

Acq: 20 Aug 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

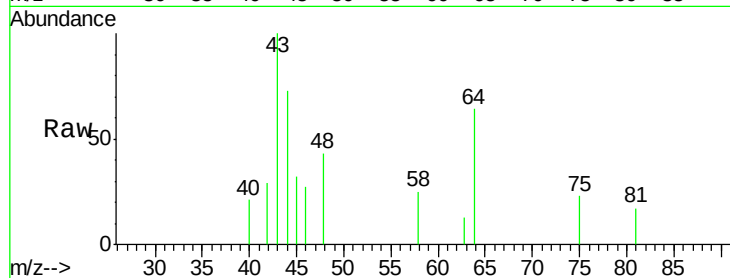
C0AD2DL

Tot Ion: 43 Resp: 1226

Ion Ratio Lower Upper

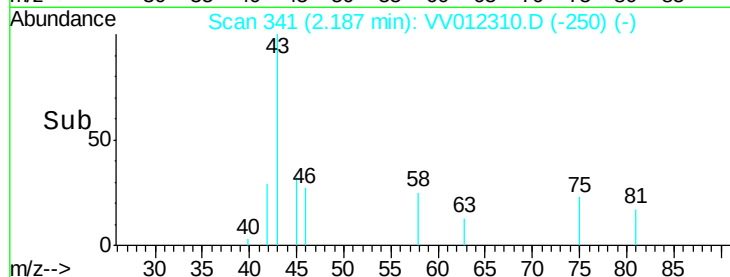
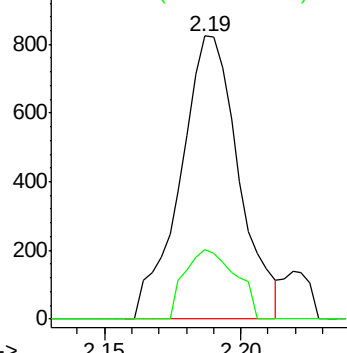
43 100

58 21.5 0.0 25.6

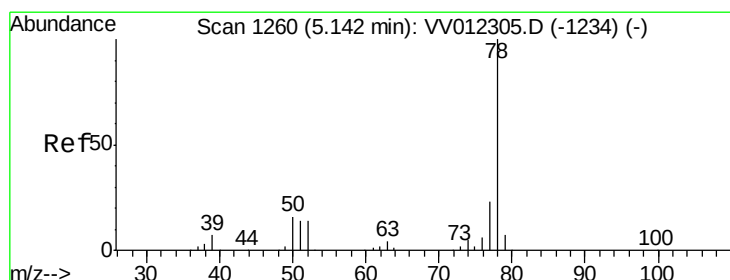


Abundance Ion 43.05 (42.75 to 43.75): VV012310.D (-250) (-)

Ion 58.05 (57.75 to 58.75): VV012310.D (-250) (-)



Time-->



#33

Benzene

Concen: 5.091 ug/L

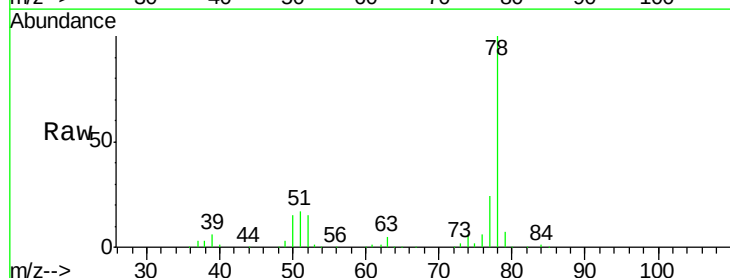
RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VV012310.D

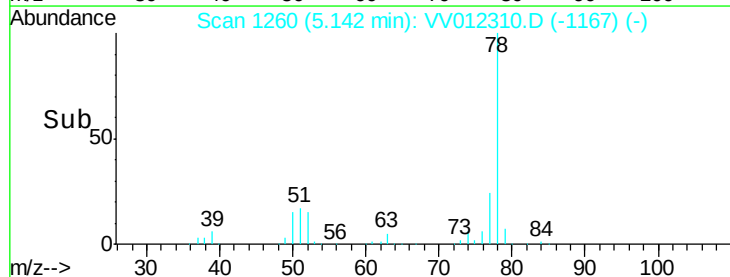
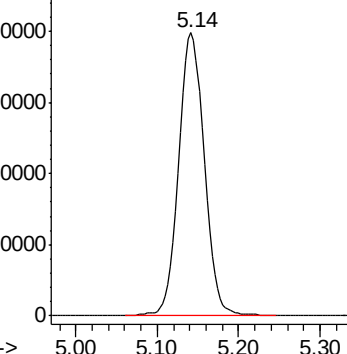
Acq: 20 Aug 2019 14:11

Tgt Ion: 78 Resp: 172933

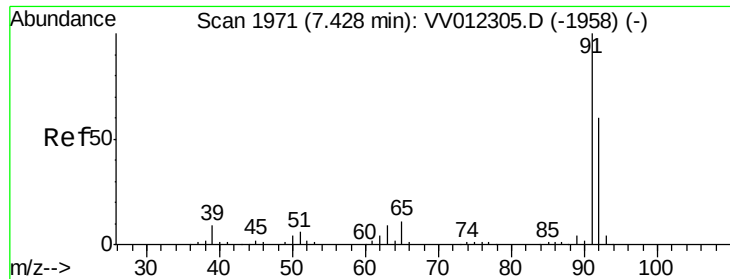


Abundance Ion 78.10 (77.80 to 78.80): VV012310.D (-1167) (-)

Ion 78.10 (77.80 to 78.80): VV012310.D (-1167) (-)



Time-->



#42

Toluene

Concen: 8.553 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012310.D

Acq: 20 Aug 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

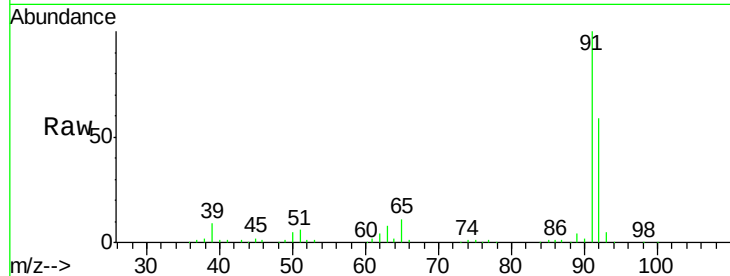
C0AD2DL

Tot Ion: 91 Resp: 321545

Ion Ratio Lower Upper

91 100

92 59.1 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

200000

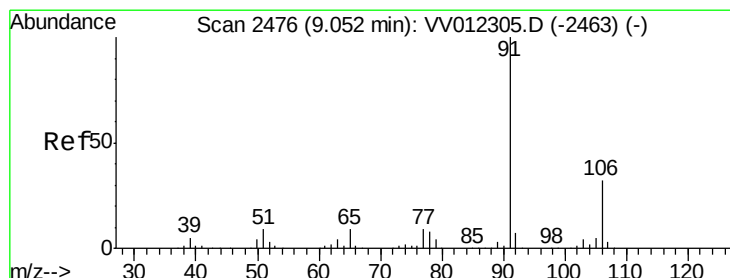
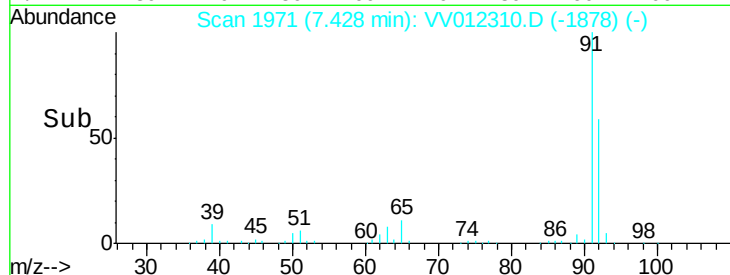
150000

100000

50000

0

Time-->



#52

Ethylbenzene

Concen: 5.538 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV012310.D

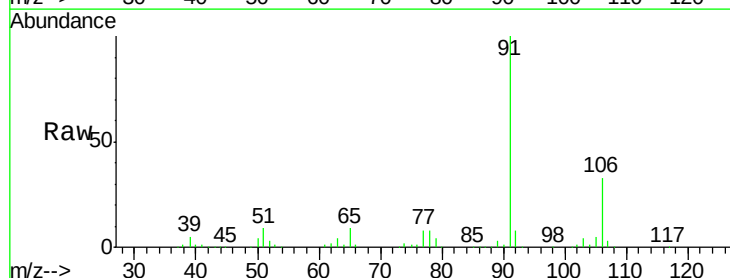
Acq: 20 Aug 2019 14:11

Tgt Ion: 91 Resp: 232969

Ion Ratio Lower Upper

91 100

106 32.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

250000

200000

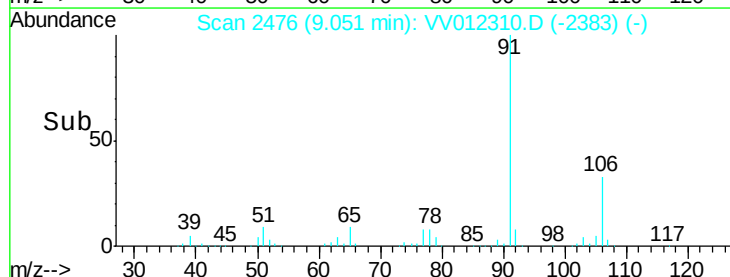
150000

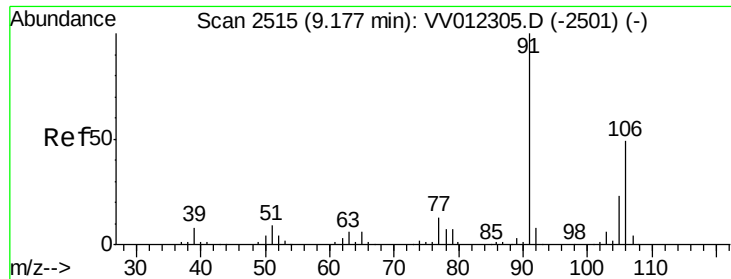
100000

50000

0

Time-->

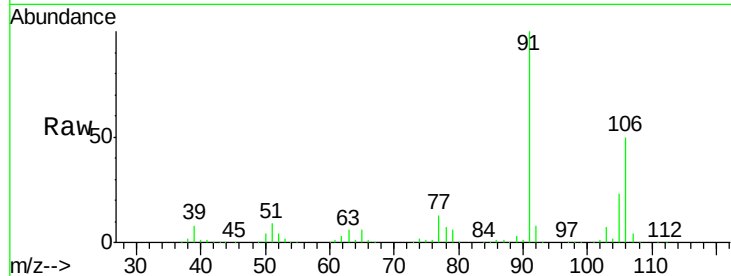




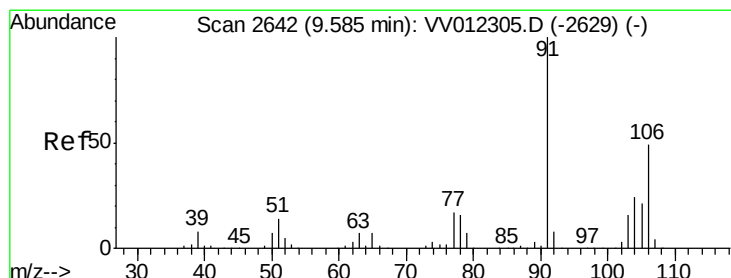
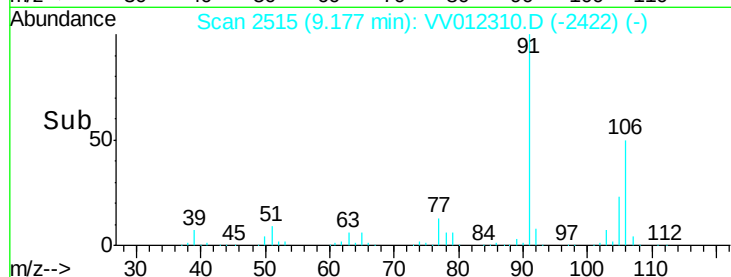
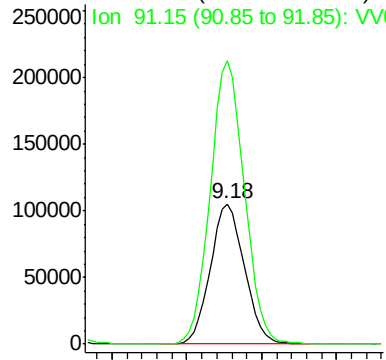
#53
m,p-xylene
Concen: 10.171 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Instrument :
MSVOA_V
ClientSampleId :
C0AD2DL

Tot Ion:106 Resp: 167020
Ion Ratio Lower Upper
106 100
91 201.8 136.0 252.6

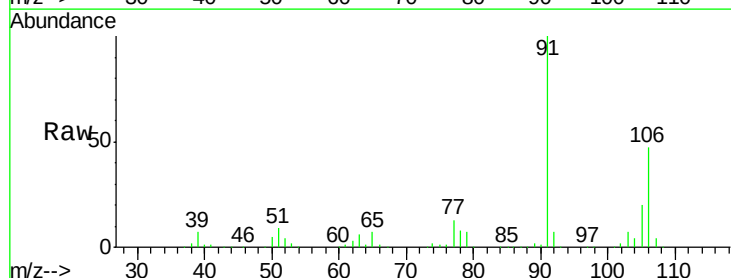


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

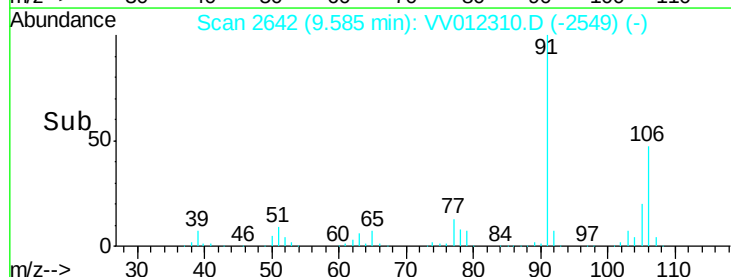
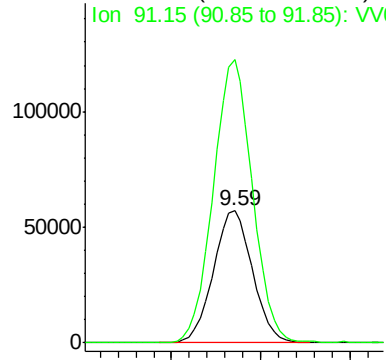


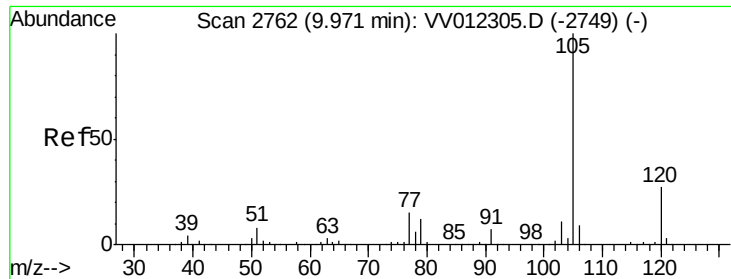
#54
o-xylene
Concen: 5.548 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012310.D
Acq: 20 Aug 2019 14:11

Tgt Ion:106 Resp: 87627
Ion Ratio Lower Upper
106 100
91 214.4 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.377 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012310.D

Acq: 20 Aug 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

C0AD2DL

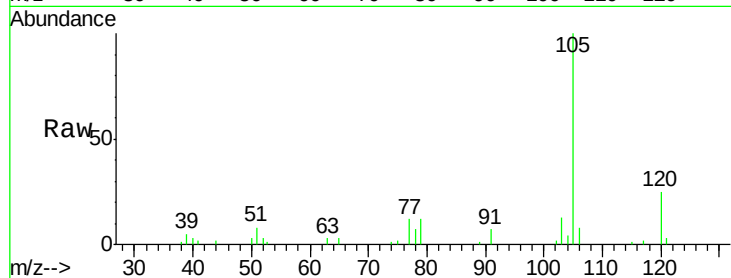
Tot Ion:105 Resp: 16414

Ion Ratio Lower Upper

105 100

120 27.7 21.4 32.0

77 15.2 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

