

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012312.D
 Acq On : 20 Aug 2019 15:06
 Operator : SY/MD
 Sample : K4373-11DL 10X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2DL

Quant Time: Aug 21 08:20:29 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	135841	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25486	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	20832	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	44260	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.94	46	16542	8.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	17.68%#
24) Chloroform-d	4.40	84	76243	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.08	65	47052	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	172278	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	45759	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	168115	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.66	79	21017	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.13	63	66131	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34381	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73227	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

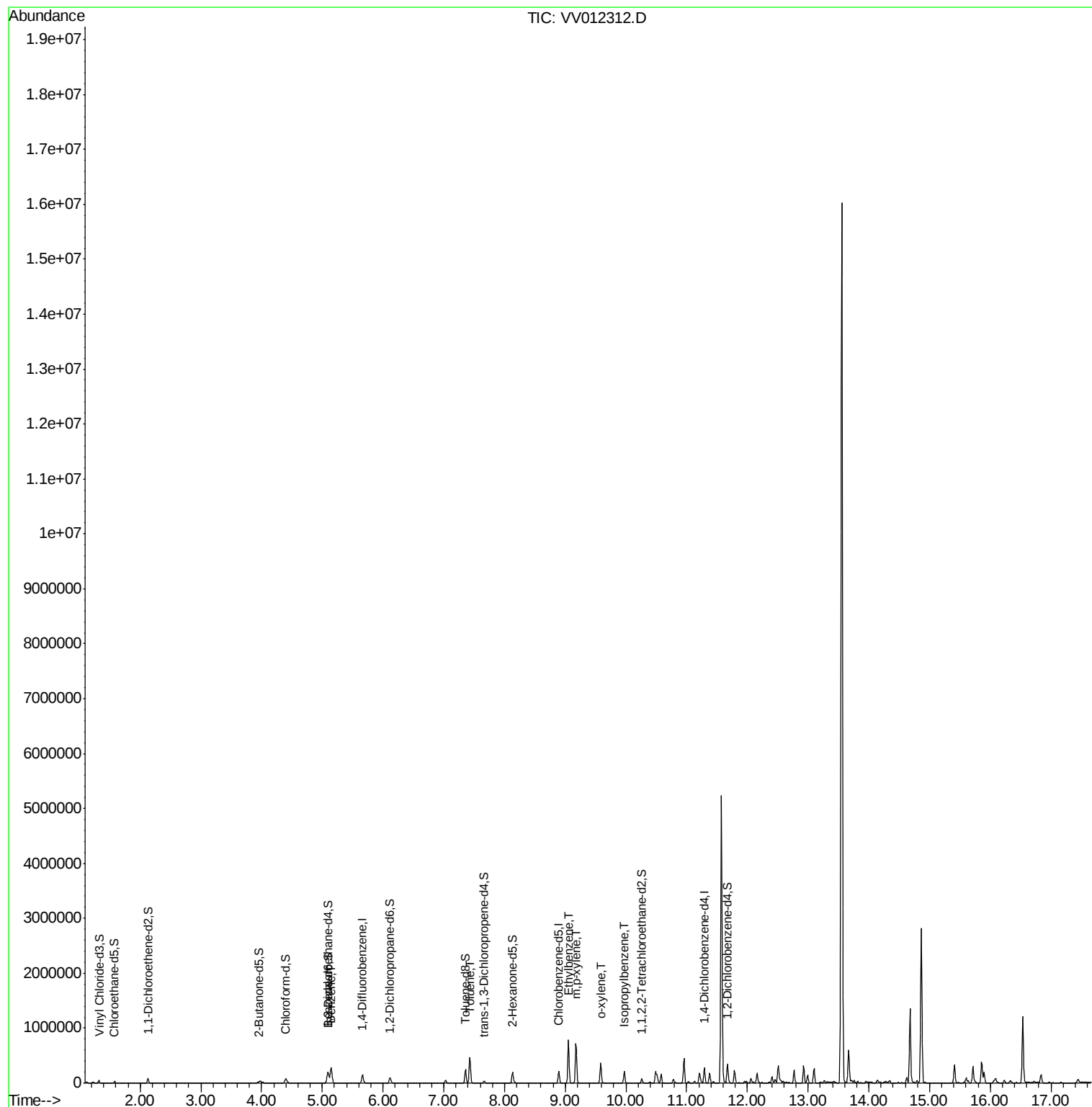
					Ovalue
33) Benzene	5.14	78	280586	7.987	ug/L 100
42) Toluene	7.43	91	337959	8.692	ug/L 99
52) Ethylbenzene	9.05	91	552672	12.704	ug/L 98
53) m,p-xylene	9.18	106	200609	11.812	ug/L 95
54) o-xylene	9.59	106	97775	5.986	ug/L 100
56) Isopropylbenzene	9.97	105	143241	3.177	ug/L 99

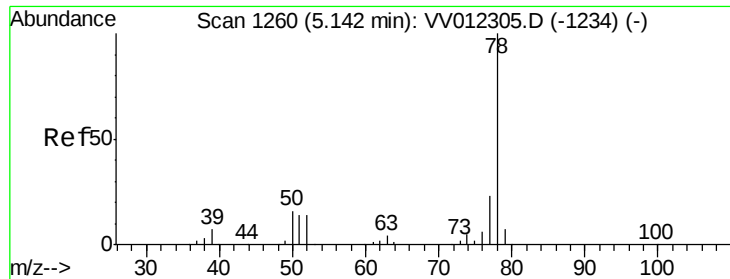
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012312.D
Acq On : 20 Aug 2019 15:06
Operator : SY/MD
Sample : K4373-11DL 10X
Misc : 25mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB2DL

Quant Time: Aug 21 08:20:29 2019
Quant Method : Z:\V0ASRV\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

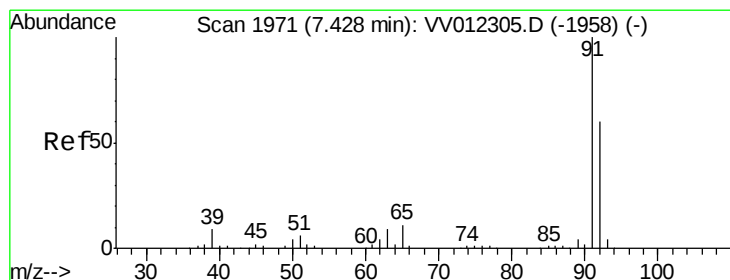
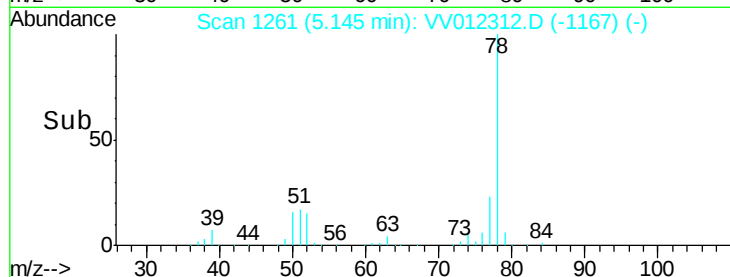
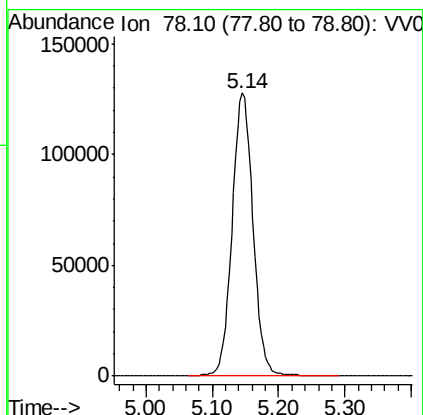
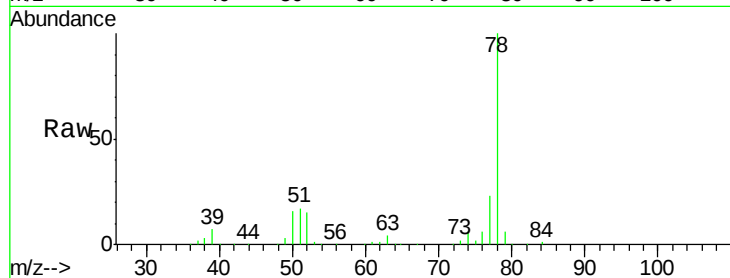




#33
Benzene
Concen: 7.987 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012312.D
Acq: 20 Aug 2019 15:06

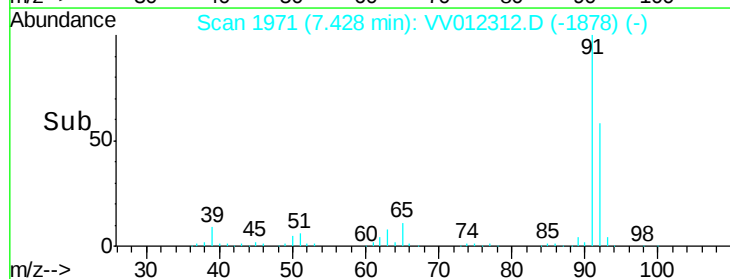
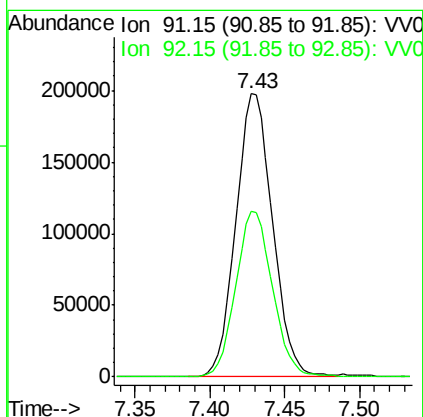
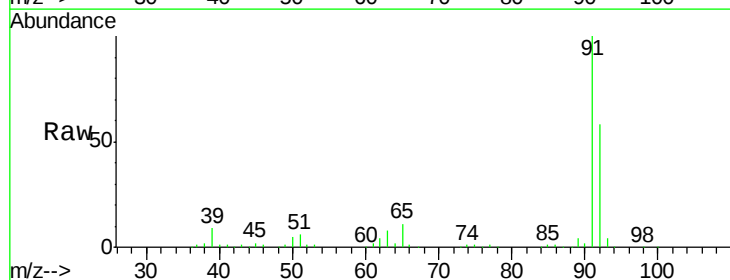
Instrument :
MSVOA_V
ClientSampleId :
C0AB2DL

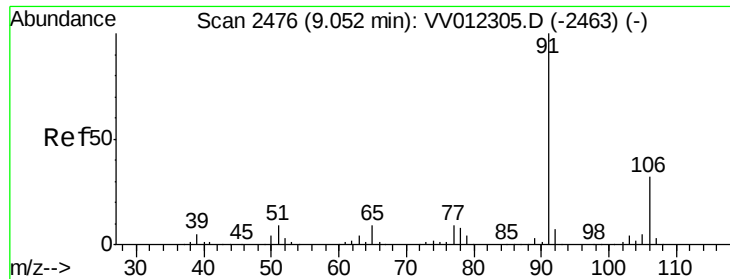
Tgt Ion: 78 Resp: 280586



#42
Toluene
Concen: 8.692 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV012312.D
Acq: 20 Aug 2019 15:06

Tgt Ion: 91 Resp: 337959
Ion Ratio Lower Upper
91 100
92 58.5 41.6 77.3





#52

Ethylbenzene

Concen: 12.704 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012312.D

Acq: 20 Aug 2019 15:06

Instrument :

MSVOA_V

ClientSampleId :

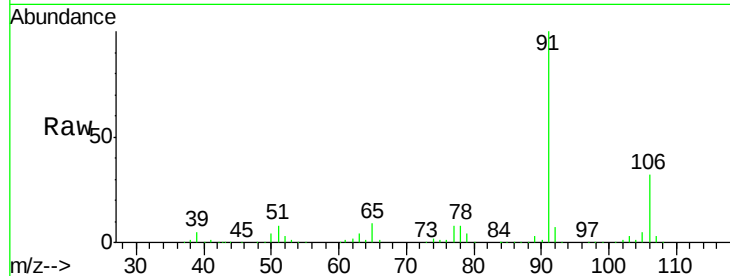
C0AB2DL

Tot Ion: 91 Resp: 552672

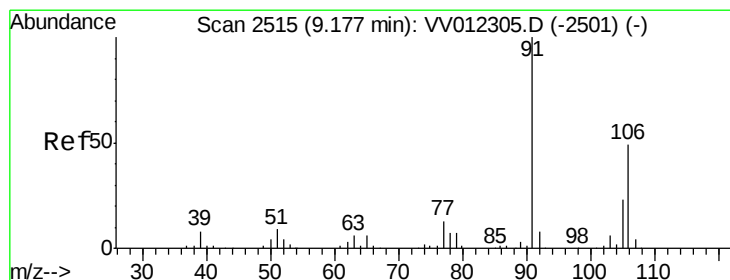
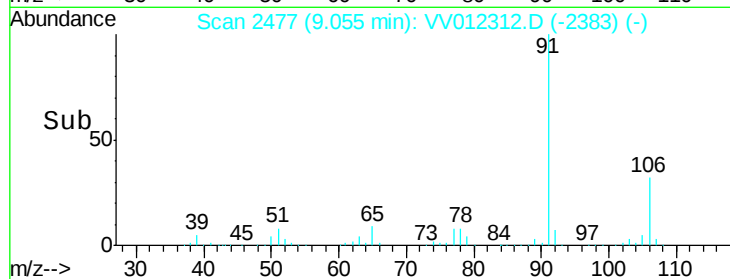
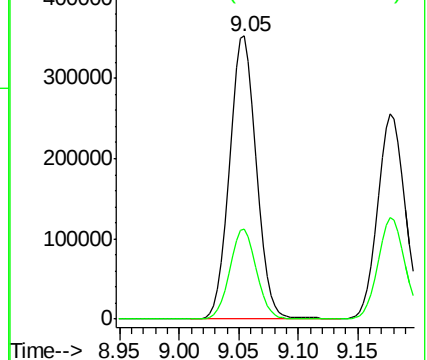
Ion Ratio Lower Upper

91 100

106 31.7 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012305.D (-2463) (-)



#53

m,p-xylene

Concen: 11.812 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV012312.D

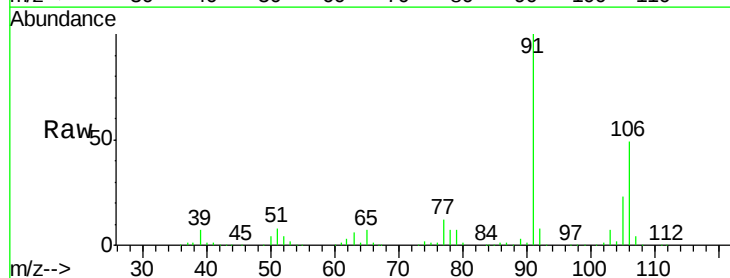
Acq: 20 Aug 2019 15:06

Tgt Ion: 106 Resp: 200609

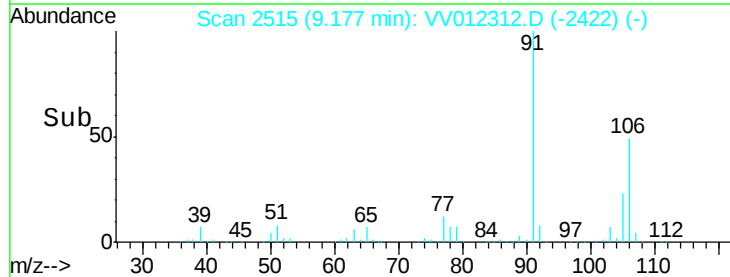
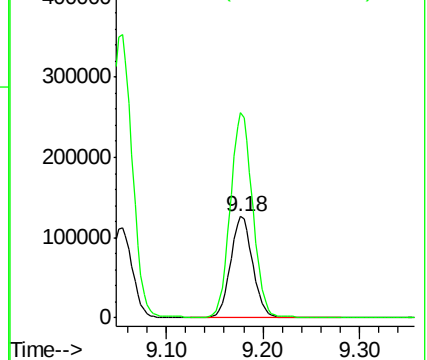
Ion Ratio Lower Upper

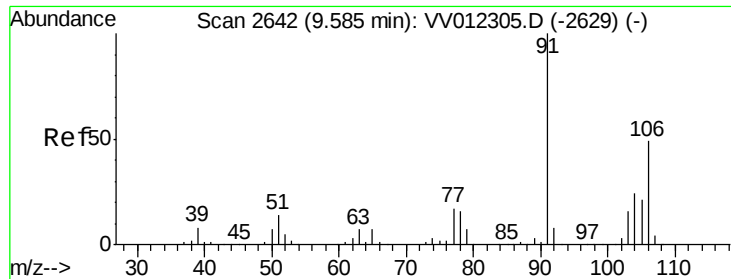
106 100

91 202.2 136.0 252.6



Abundance Ion 106.15 (105.85 to 106.85): VV012305.D (-2501) (-)





#54

o-xylene

Concen: 5.986 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012312.D

Acq: 20 Aug 2019 15:06

Instrument :

MSVOA_V

ClientSampled :

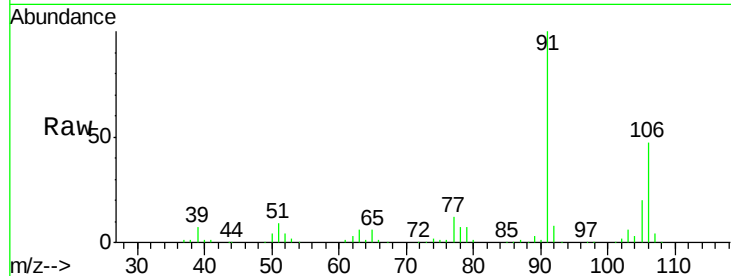
C0AB2DL

Tot Ion:106 Resp: 97775

Ion Ratio Lower Upper

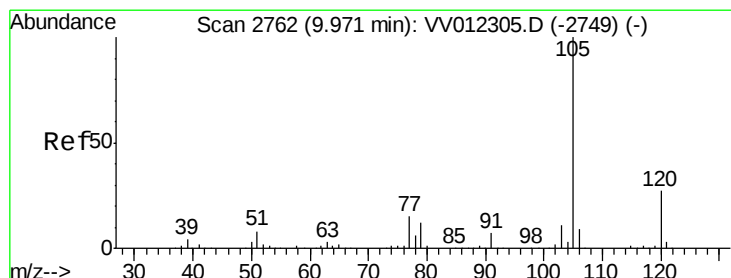
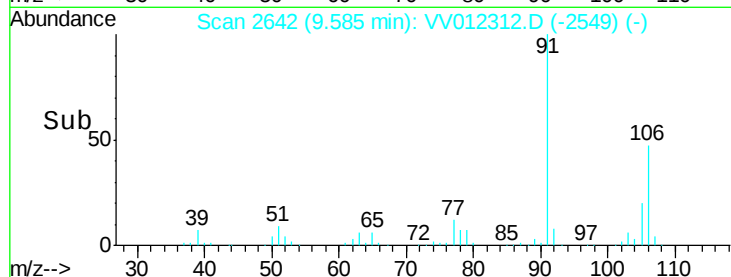
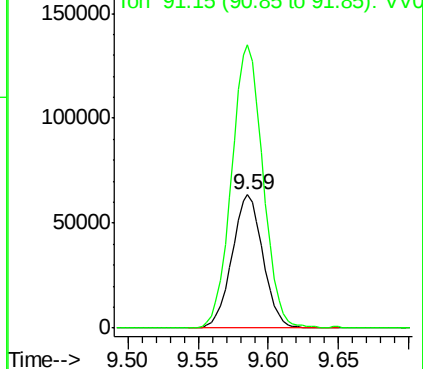
106 100

91 212.6 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 3.177 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012312.D

Acq: 20 Aug 2019 15:06

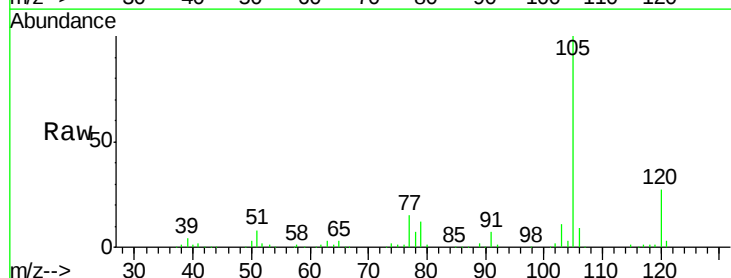
Tgt Ion:105 Resp: 143241

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.0

77 14.8 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

