

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016322.D
 Acq On : 29 May 2020 18:00
 Operator : SY/MD
 Sample : L2662-07DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B11DL

Quant Time: May 30 02:36:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97584	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92305	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43721	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29506	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	23966	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	42225	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.94	46	82555	53.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	4.38	84	57580	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	32402	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	117851	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	36510	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.34	98	107007	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
45) trans-1,3-Dichloropropene-	7.65	79	12159	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	8.12	63	66676	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25060	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	38112	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

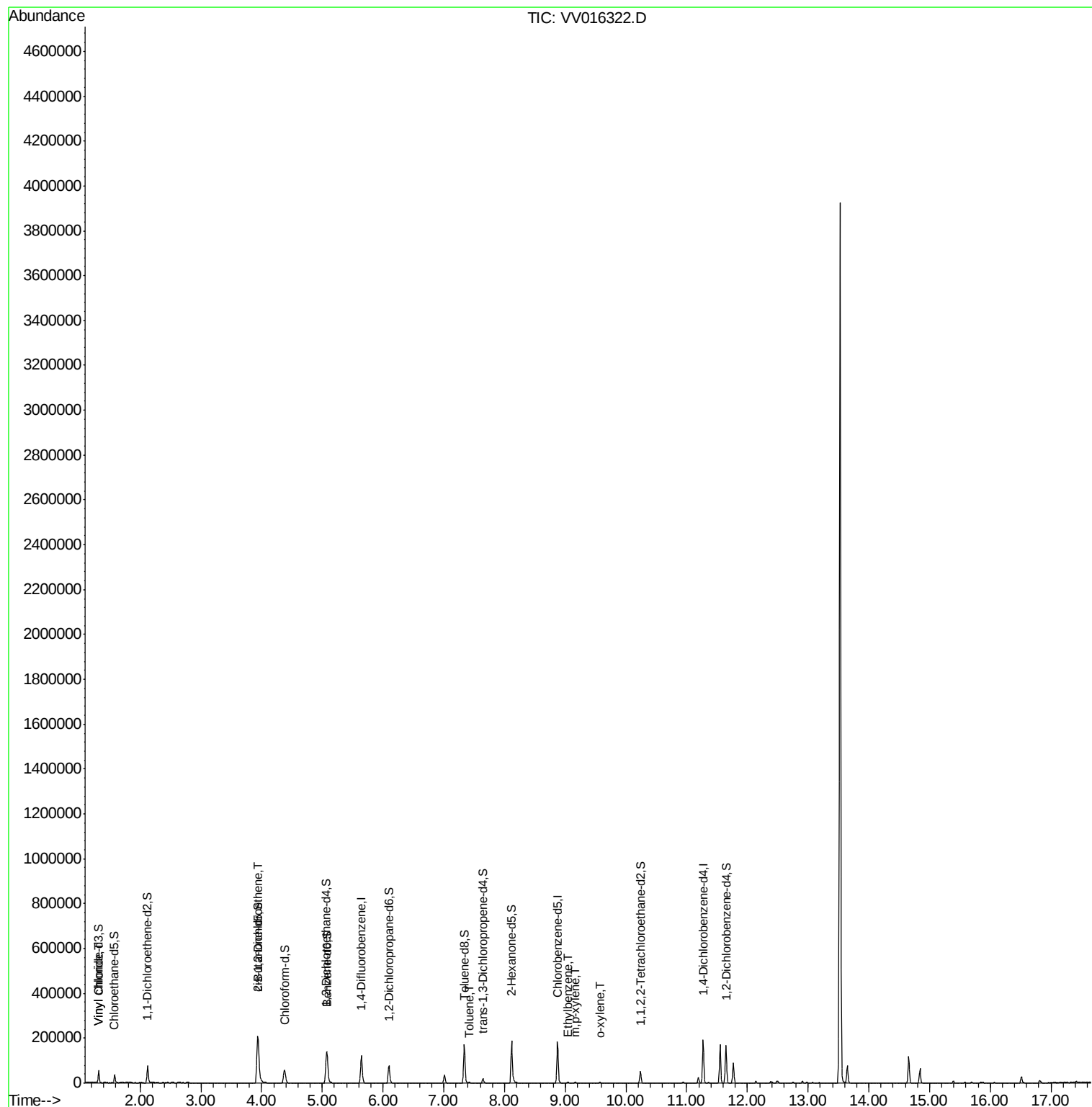
					Ovalue
5) Vinyl chloride	1.32	62	4956	0.580 ug/L	86
22) cis-1,2-Dichloroethene	3.94	96	90164	12.103 ug/L	96
42) Toluene	7.41	91	3699	0.128 ug/L	100
54) Ethylbenzene	9.04	91	3703	0.115 ug/L	90
55) m,p-xylene	9.16	106	1580	0.130 ug/L	77
56) o-xylene	9.57	106	982	0.085 ug/L	76

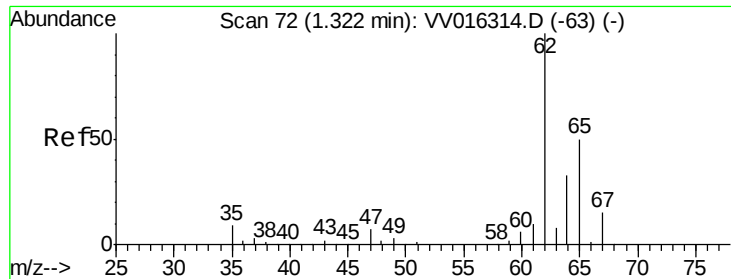
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.580 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Acq: 29 May 2020 18:00

Instrument :

MSVOA_V

ClientSampleID :

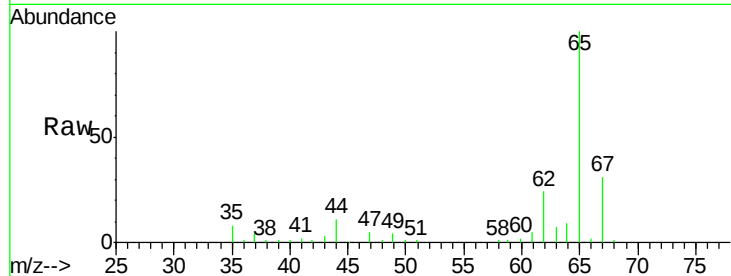
F9B11DL

Tot Ion: 62 Resp: 4956

Ion Ratio Lower Upper

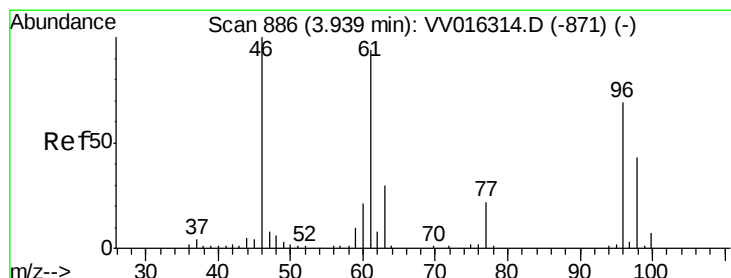
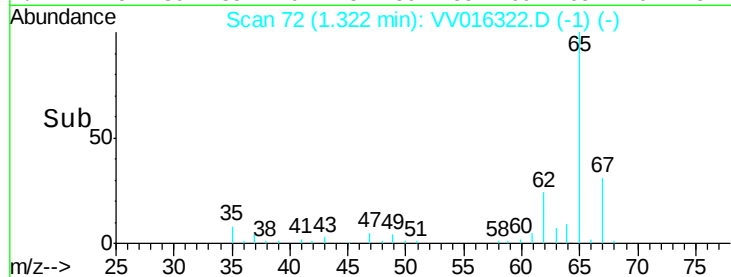
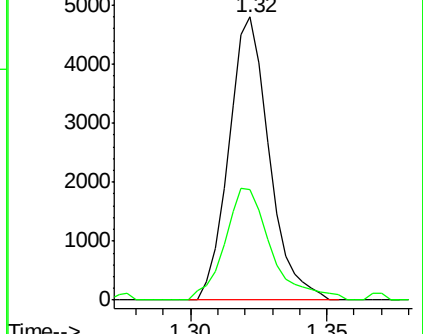
62 100

64 39.2 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 12.103 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016322.D

Acq: 29 May 2020 18:00

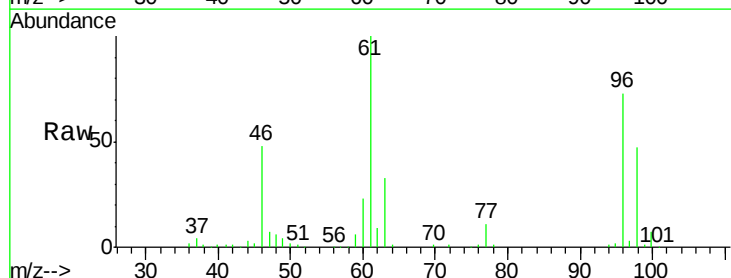
Tgt Ion: 96 Resp: 90164

Ion Ratio Lower Upper

96 100

61 137.4 99.7 185.1

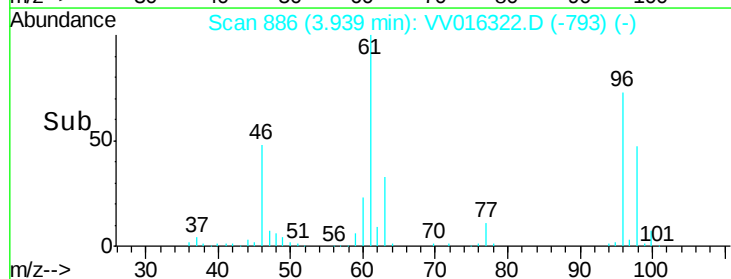
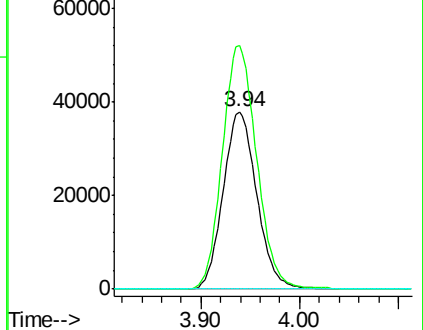
68 0.0 0.0 0.0

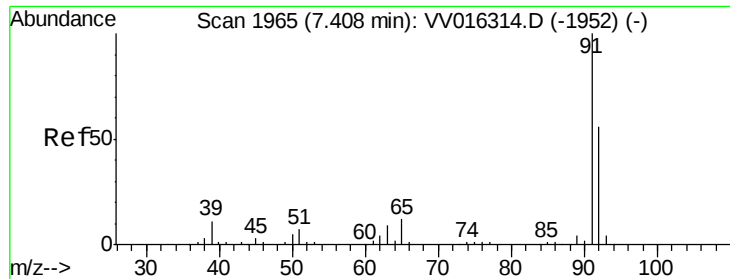


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#42

Toluene

Concen: 0.128 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016322.D

Acq: 29 May 2020 18:00

Instrument :

MSVOA_V

ClientSampleId :

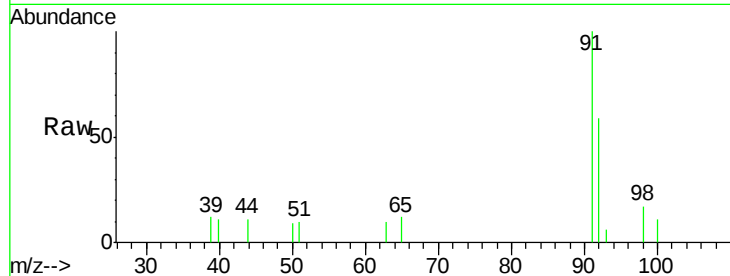
F9B11DL

Tot Ion: 91 Resp: 3699

Ion Ratio Lower Upper

91 100

92 58.8 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

2000

1500

1000

500

0

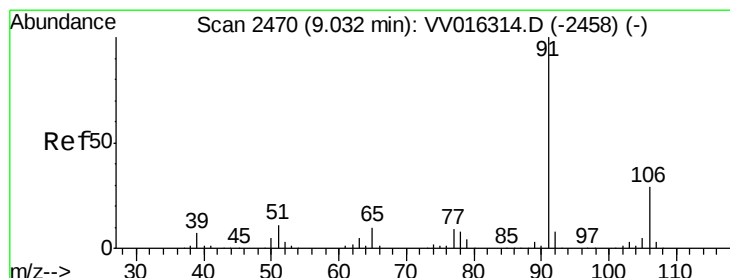
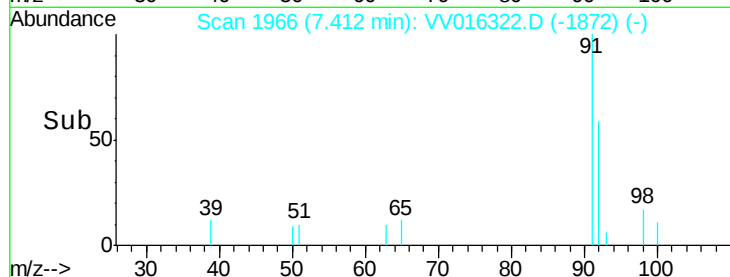
7.35

7.40

7.45

7.50

Time-->



#54

Ethylbenzene

Concen: 0.115 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016322.D

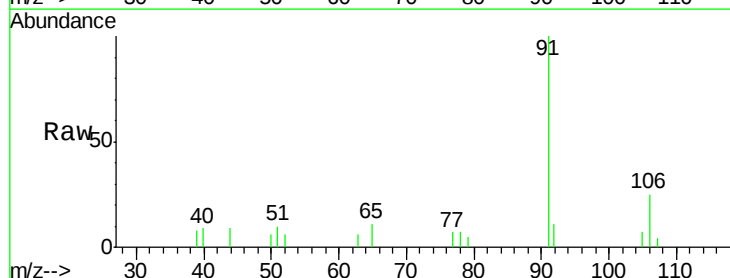
Acq: 29 May 2020 18:00

Tgt Ion: 91 Resp: 3703

Ion Ratio Lower Upper

91 100

106 24.7 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.04

3000

2500

2000

1500

1000

500

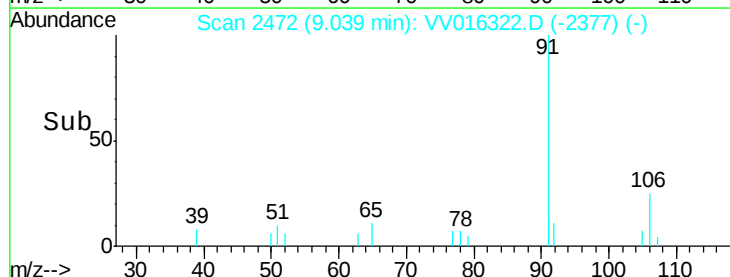
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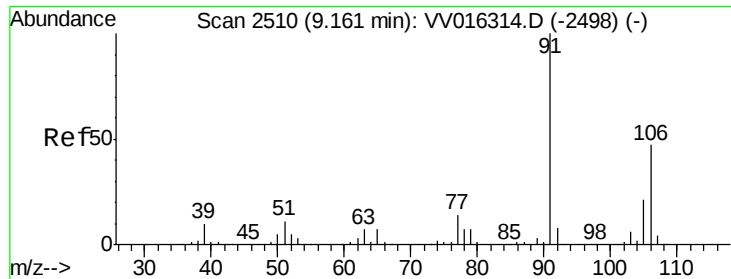
9.00

9.05

9.10

Time-->





#55

m,p-xylene

Concen: 0.130 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016322.D

Acq: 29 May 2020 18:00

Instrument :

MSVOA_V

ClientSampleID :

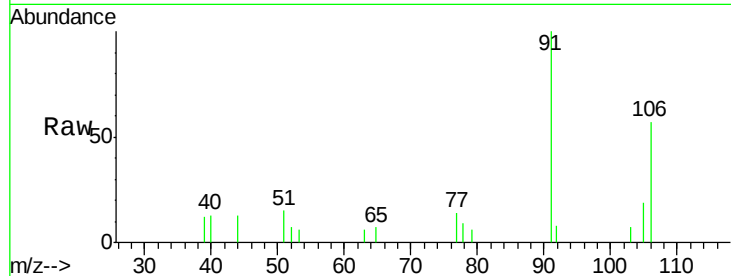
F9B11DL

Tot Ion:106 Resp: 1580

Ion Ratio Lower Upper

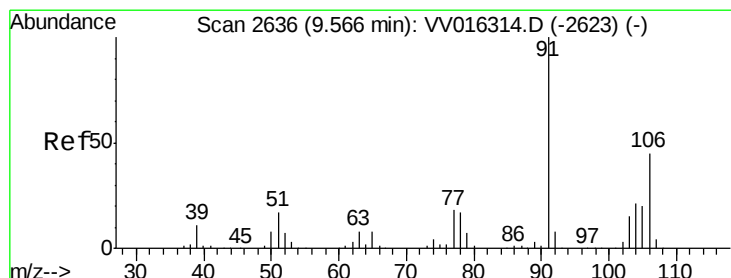
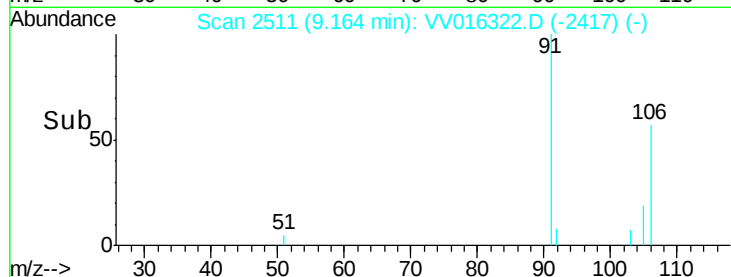
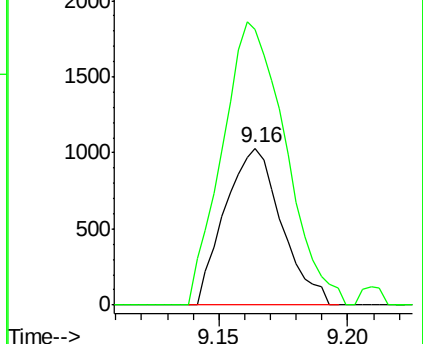
106 100

91 175.7 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.085 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016322.D

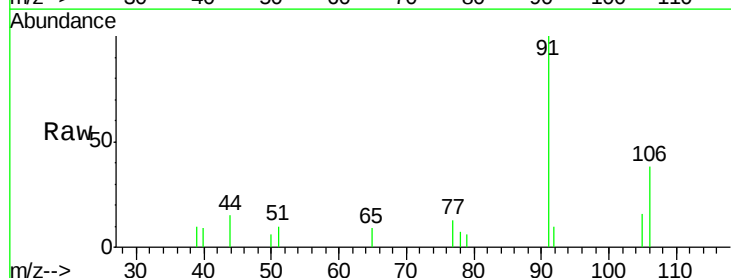
Acq: 29 May 2020 18:00

Tgt Ion:106 Resp: 982

Ion Ratio Lower Upper

106 100

91 266.2 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

