

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV017507.D
 Acq On : 15 Jul 2020 13:19
 Operator : SY/MD
 Sample : L3281-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXW9

Quant Time: Jul 16 03:36:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115961	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115896	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	58298	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36344	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.58	69	37087	6.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.20%#
11) 1,1-Dichloroethene-d2	2.13	63	68938	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.92	46	84829	61.29	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.58%
24) Chloroform-d	4.38	84	76464	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.06	65	45687	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.08	84	137860	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.10	67	39014	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.34	98	126967	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
45) trans-1,3-Dichloropropene-	7.65	79	17569	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
48) 2-Hexanone-d5	8.11	63	61508	57.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27997	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	56012	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

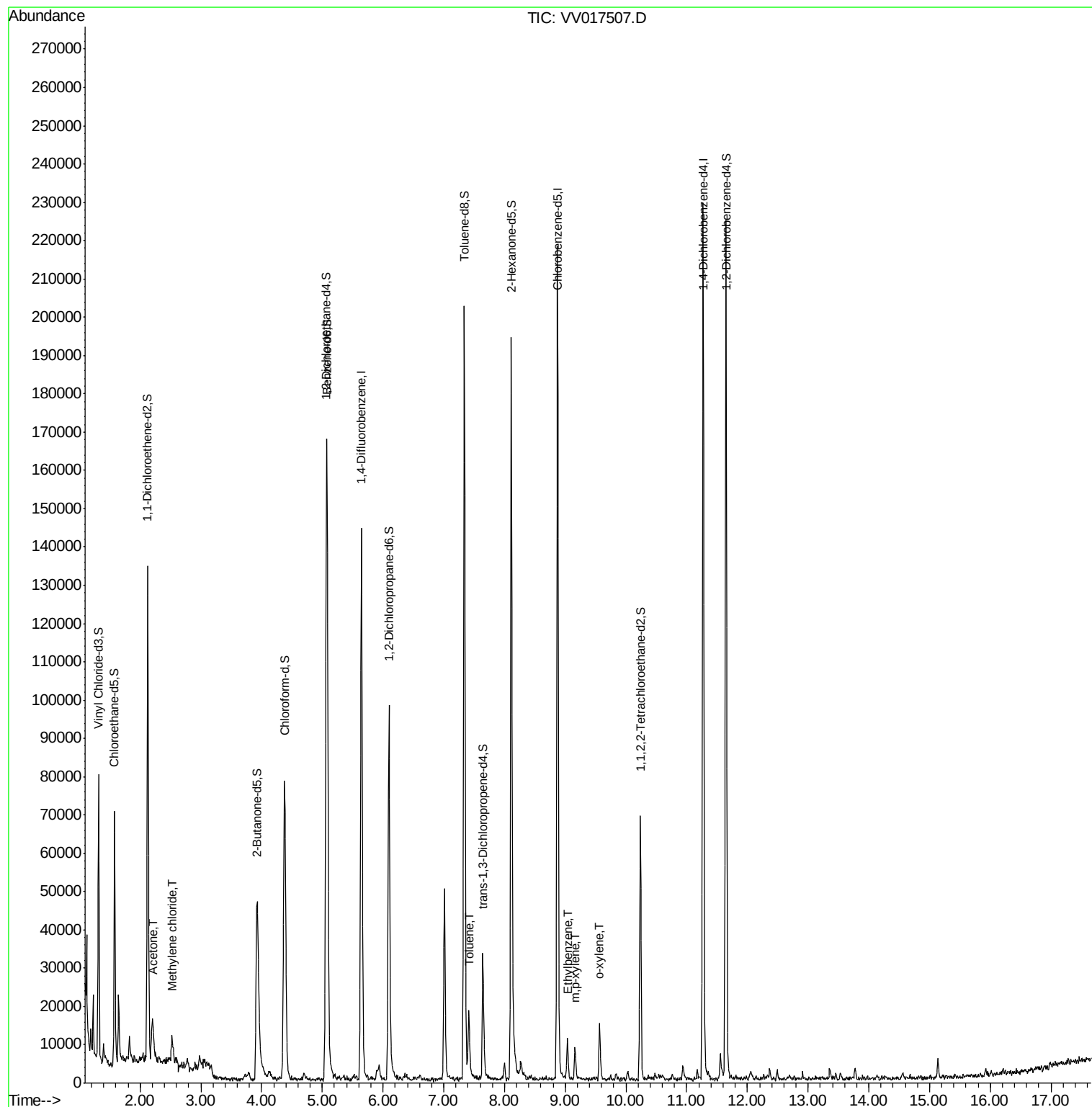
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	19369	19.276	ug/L	72
16) Methylene chloride	2.52	84	2244	0.267	ug/L	91
42) Toluene	7.41	91	12847	0.377	ug/L	98
54) Ethylbenzene	9.04	91	6531	0.168	ug/L	97
55) m,p-xylene	9.16	106	2443	0.166	ug/L	99
56) o-xylene	9.57	106	3672	0.258	ug/L	89

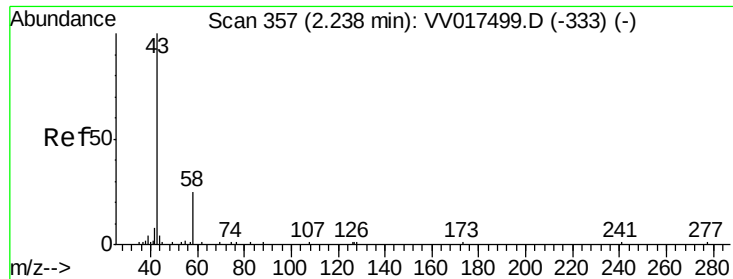
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.276 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

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Acq: 15 Jul 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

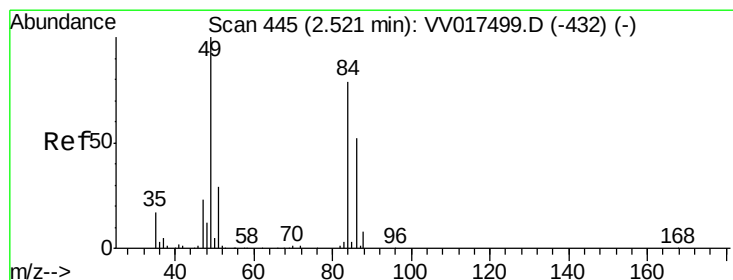
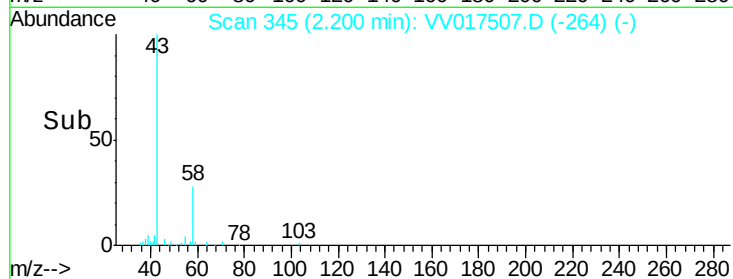
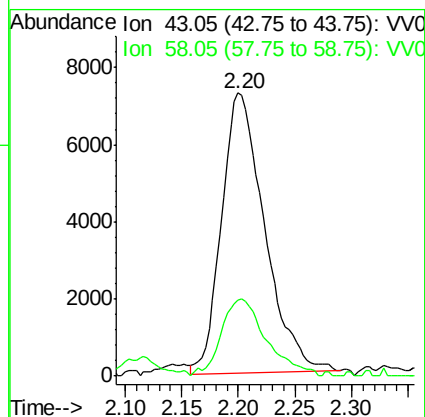
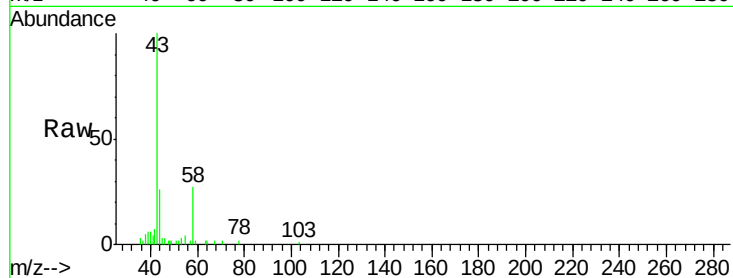
GAXW9

Tot Ion: 43 Resp: 19369

Ion Ratio Lower Upper

43 100

58 28.8 0.0 33.6



#16

Methylene chloride

Concen: 0.267 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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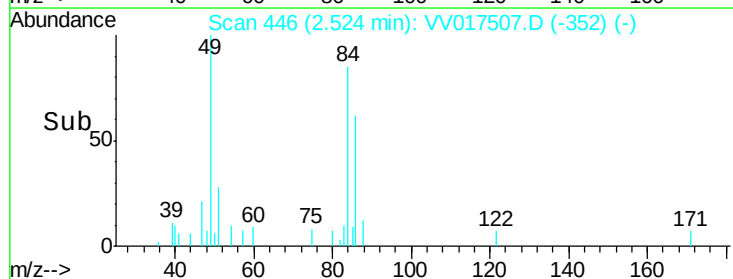
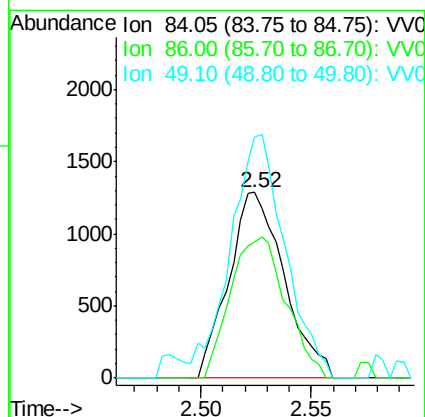
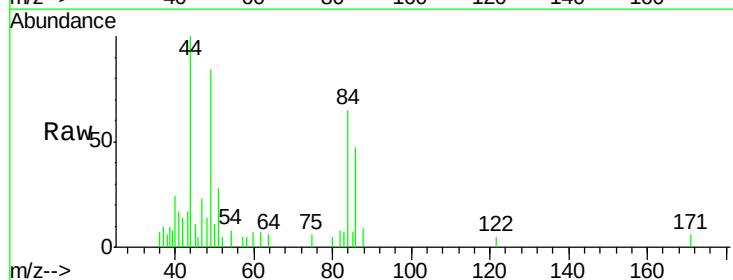
Tgt Ion: 84 Resp: 2244

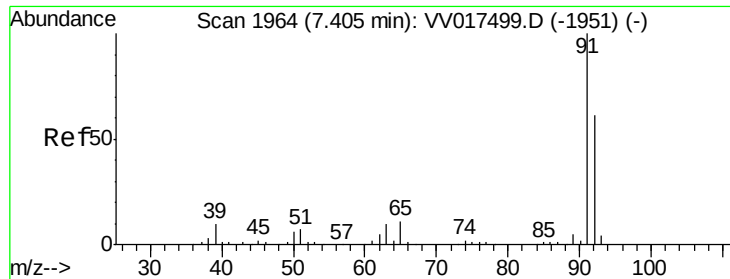
Ion Ratio Lower Upper

84 100

86 73.2 45.5 84.5

49 130.1 84.6 157.0





#42

Toluene

Concen: 0.377 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017507.D

Acq: 15 Jul 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

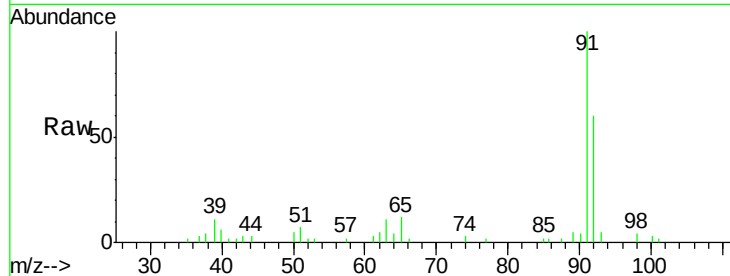
GAXW9

Tot Ion: 91 Resp: 12847

Ion Ratio Lower Upper

91 100

92 59.6 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

6000

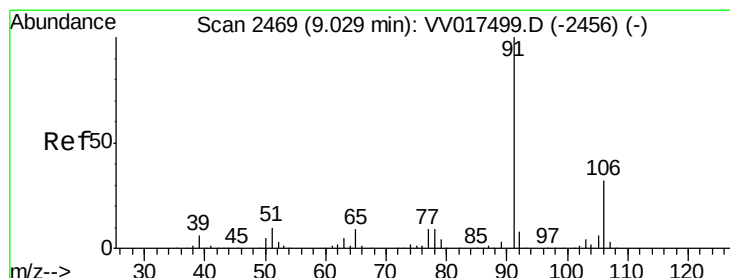
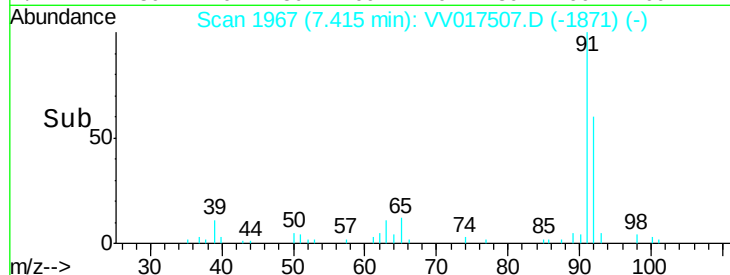
4000

2000

0

Time-->

7.35 7.40 7.45 7.50



#54

Ethylbenzene

Concen: 0.168 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.01 min

Lab File: VV017507.D

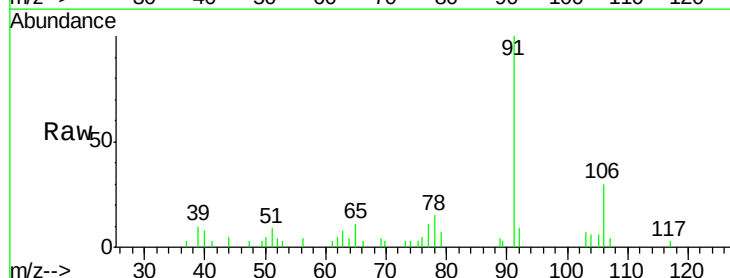
Acq: 15 Jul 2020 13:19

Tgt Ion: 91 Resp: 6531

Ion Ratio Lower Upper

91 100

106 29.7 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.04

4000

3000

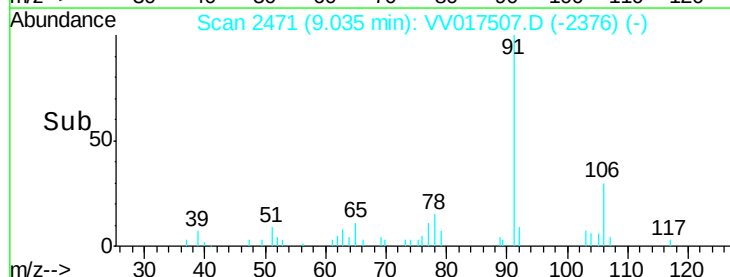
2000

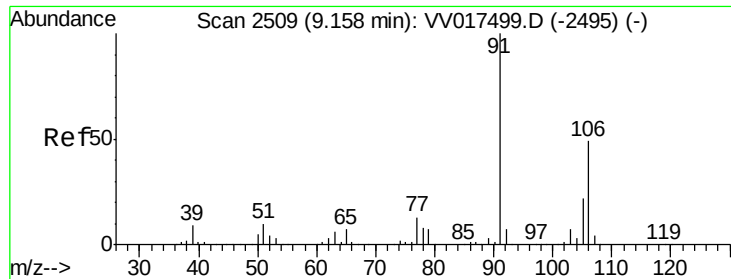
1000

0

Time-->

9.00 9.05 9.10





#55

m,p-xylene

Concen: 0.166 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017507.D

Acq: 15 Jul 2020 13:19

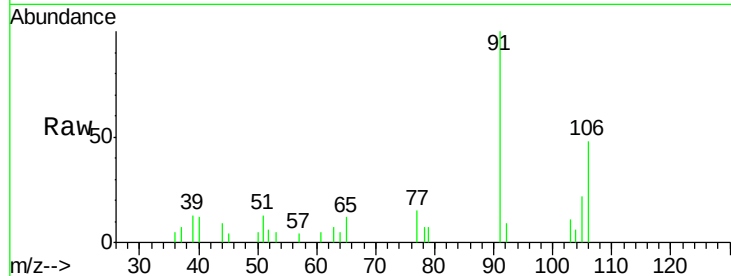
Instrument :
MSVOA_V
ClientSampleId :
GAXW9

Tot Ion:106 Resp: 2443

Ion Ratio Lower Upper

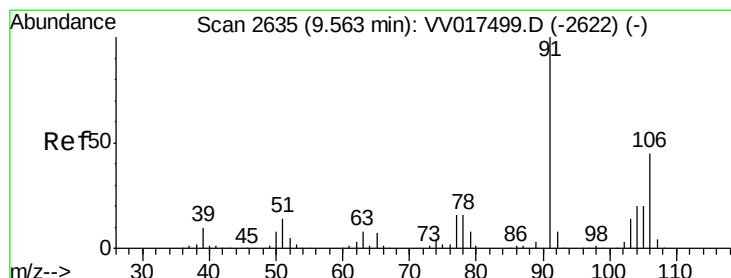
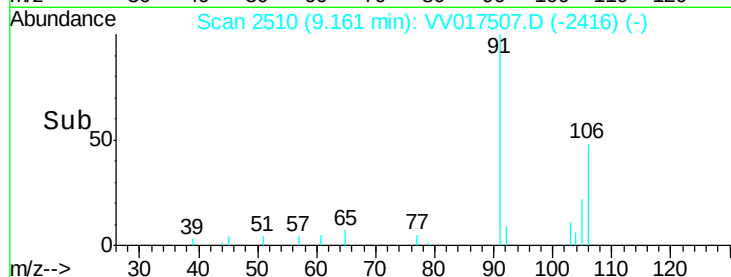
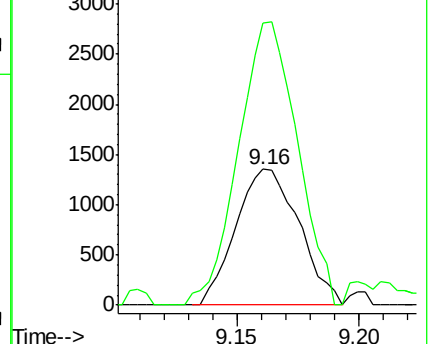
106 100

91 207.8 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.258 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV017507.D

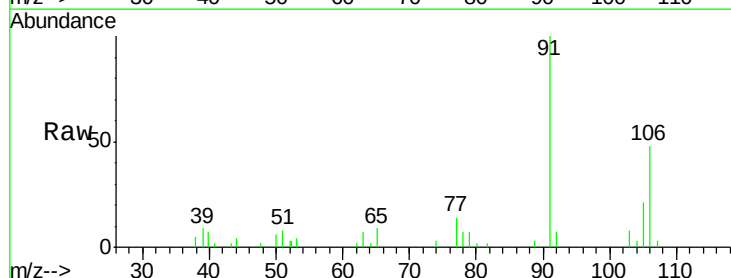
Acq: 15 Jul 2020 13:19

Tgt Ion:106 Resp: 3672

Ion Ratio Lower Upper

106 100

91 208.3 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

