

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015670.D
 Acq On : 24 Apr 2020 13:48
 Operator : SY/MD
 Sample : L2416-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP0

Quant Time: Apr 25 01:43:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127970	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29610	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	29779	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	48609	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.90	46	107234	49.94	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.38	84	75037	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	44292	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	142336	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	45358	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	128153	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.64	79	17415	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.11	63	81614	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32981	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	50898	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

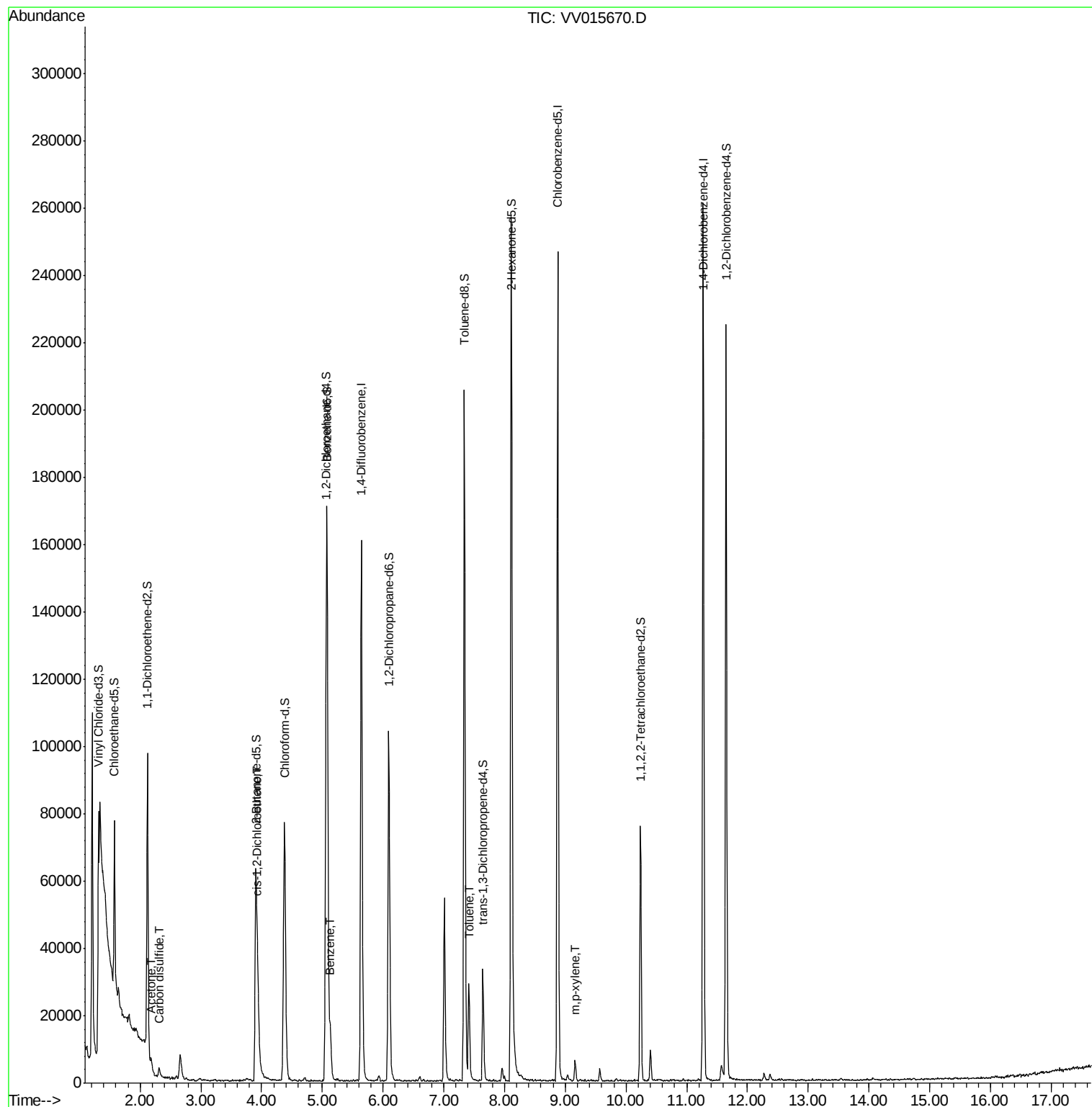
					Ovalue
13) Acetone	2.18	43	4001	2.683 ug/L	97
14) Carbon disulfide	2.31	76	2668	0.127 ug/L #	79
22) cis-1,2-Dichloroethene	3.94	96	6412	0.695 ug/L	91
33) Benzene	5.13	78	13642	0.389 ug/L	100
42) Toluene	7.41	91	20432	0.545 ug/L	94
53) m,p-xylene	9.16	106	1595	0.100 ug/L	91

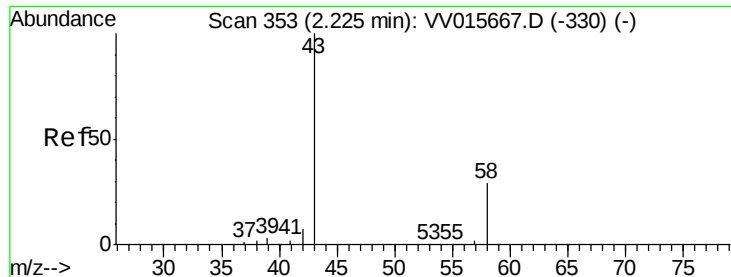
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.683 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.05 min

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ClientSampleId :

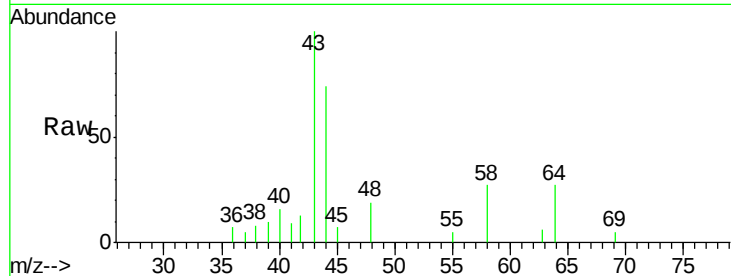
ETKP0

Tot Ion: 43 Resp: 4001

Ion Ratio Lower Upper

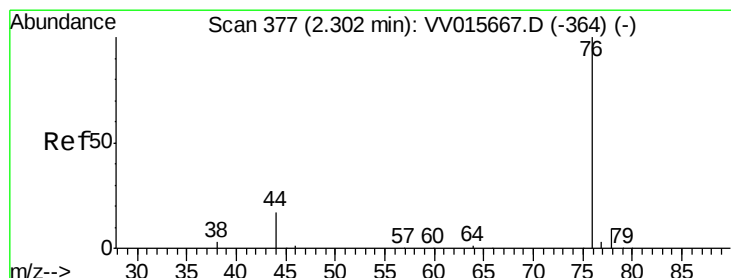
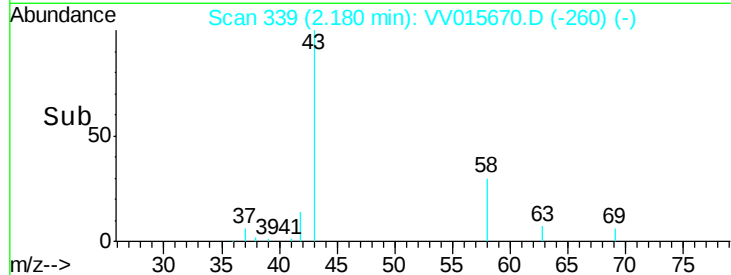
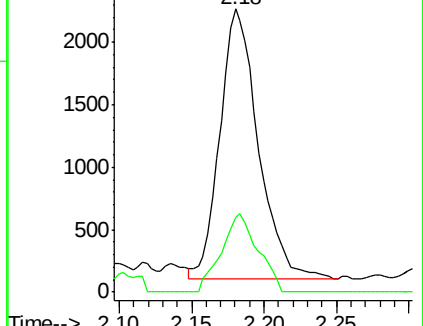
43 100

58 27.4 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015667.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV015667.D (-330) (-)



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015670.D

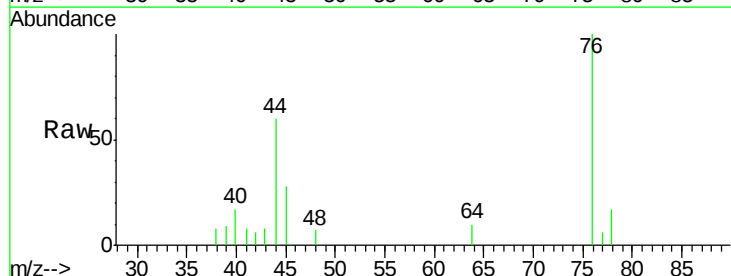
Acq: 24 Apr 2020 13:48

Tgt Ion: 76 Resp: 2668

Ion Ratio Lower Upper

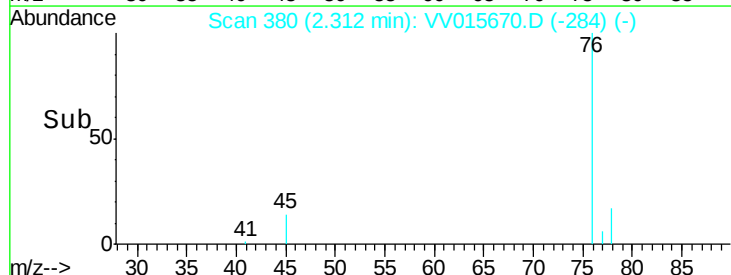
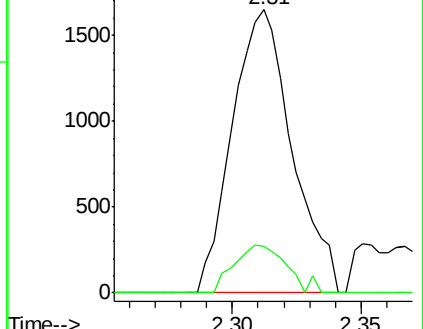
76 100

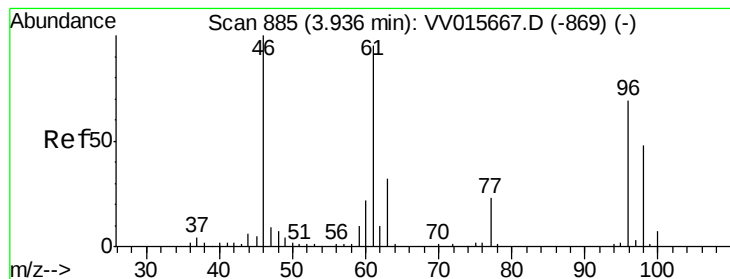
78 16.7 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV015667.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VV015667.D (-364) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.695 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015670.D

Acq: 24 Apr 2020 13:48

Instrument :

MSVOA_V

ClientSampleId :

ETKP0

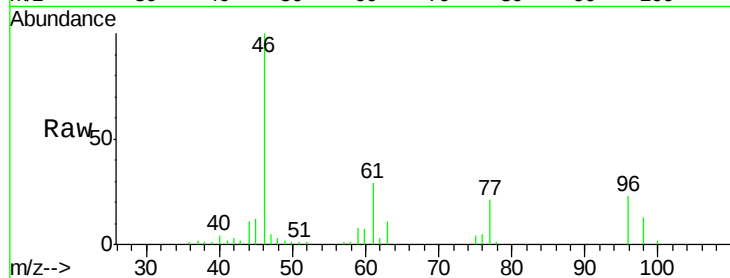
Tot Ion: 96 Resp: 6412

Ion Ratio Lower Upper

96 100

61 127.0 96.4 179.0

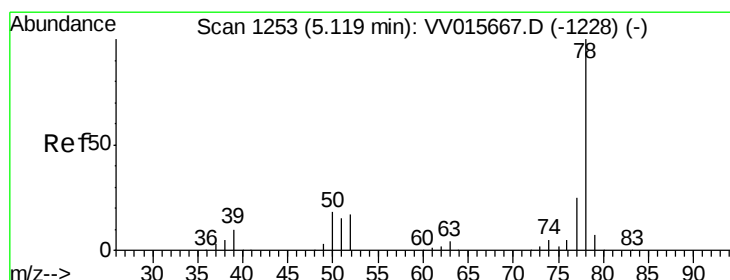
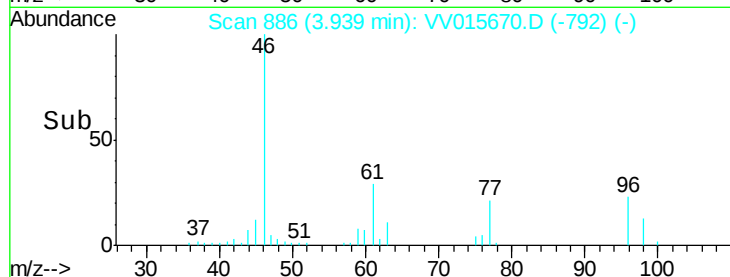
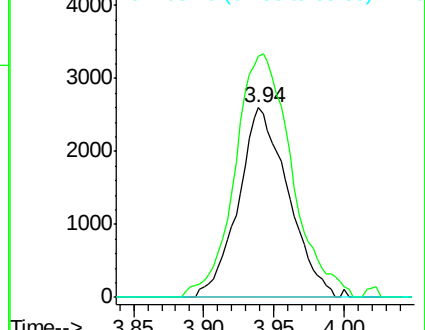
68 0.0 0.0 0.0



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



#33

Benzene

Concen: 0.389 ug/L

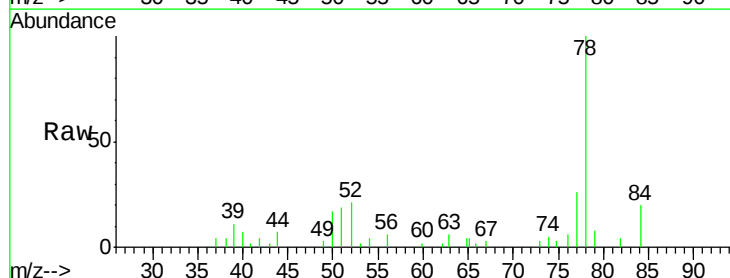
RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

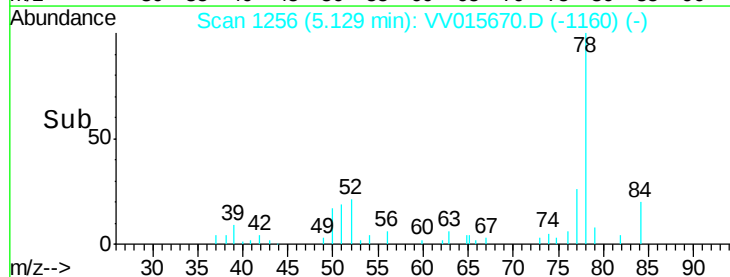
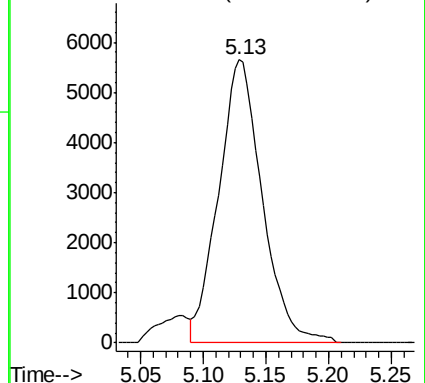
Lab File: VV015670.D

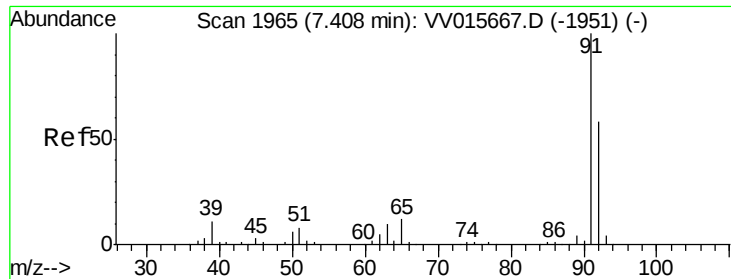
Acq: 24 Apr 2020 13:48

Tgt Ion: 78 Resp: 13642



Abundance Ion 78.10 (77.80 to 78.80): VV0





#42

Toluene

Concen: 0.545 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015670.D

Acq: 24 Apr 2020 13:48

Instrument :

MSVOA_V

ClientSampleId :

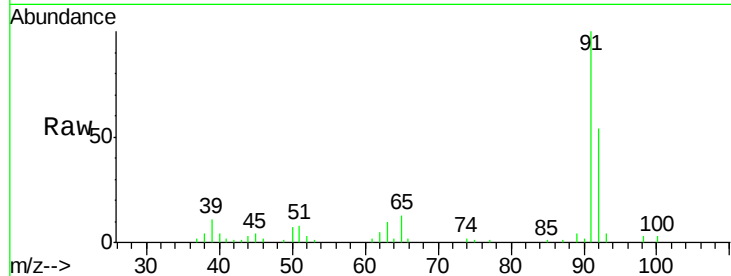
ETKP0

Tot Ion: 91 Resp: 20432

Ion Ratio Lower Upper

91 100

92 54.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015667.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015667.D (-1951) (-)

7.41

12000

10000

8000

6000

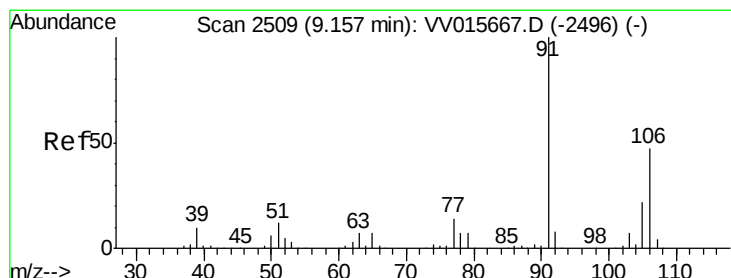
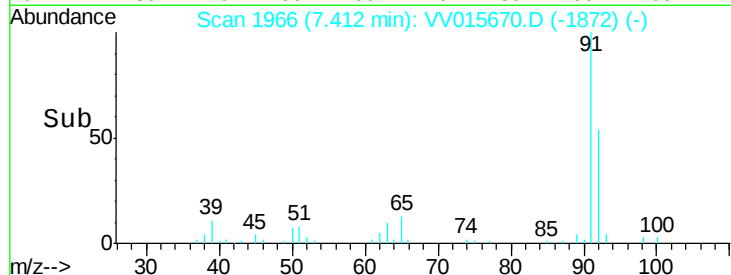
4000

2000

0

Time-->

7.35 7.40 7.45 7.50



#53

m,p-xylene

Concen: 0.100 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015670.D

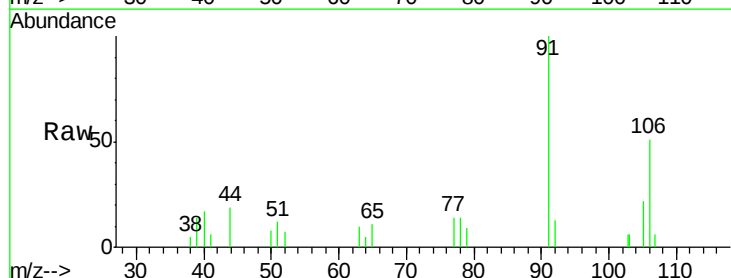
Acq: 24 Apr 2020 13:48

Tgt Ion:106 Resp: 1595

Ion Ratio Lower Upper

106 100

91 197.1 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015667.D (-2496) (-)

Ion 91.15 (90.85 to 91.85): VV015667.D (-2496) (-)

9.16

2000

1500

1000

500

0

Time-->

9.15 9.20

