

Data File : VV016568.D
Acq On : 06 Jun 2020 04:51
Operator : SY/MD
Sample : L2862-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E28

Quant Time: Jun 06 07:38:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383133	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110891	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.72%
7) Chloroethane-d5	1.56	69	81467	41.58	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.16%
11) 1,1-Dichloroethene-d2	2.12	63	154569	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.89	46	184755	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.37	84	237670	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.05	65	165416	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.07	84	477729	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.09	67	149622	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.34	98	433117	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.64	79	68300	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	143666	112.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204209	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	182424	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%

Target Compounds

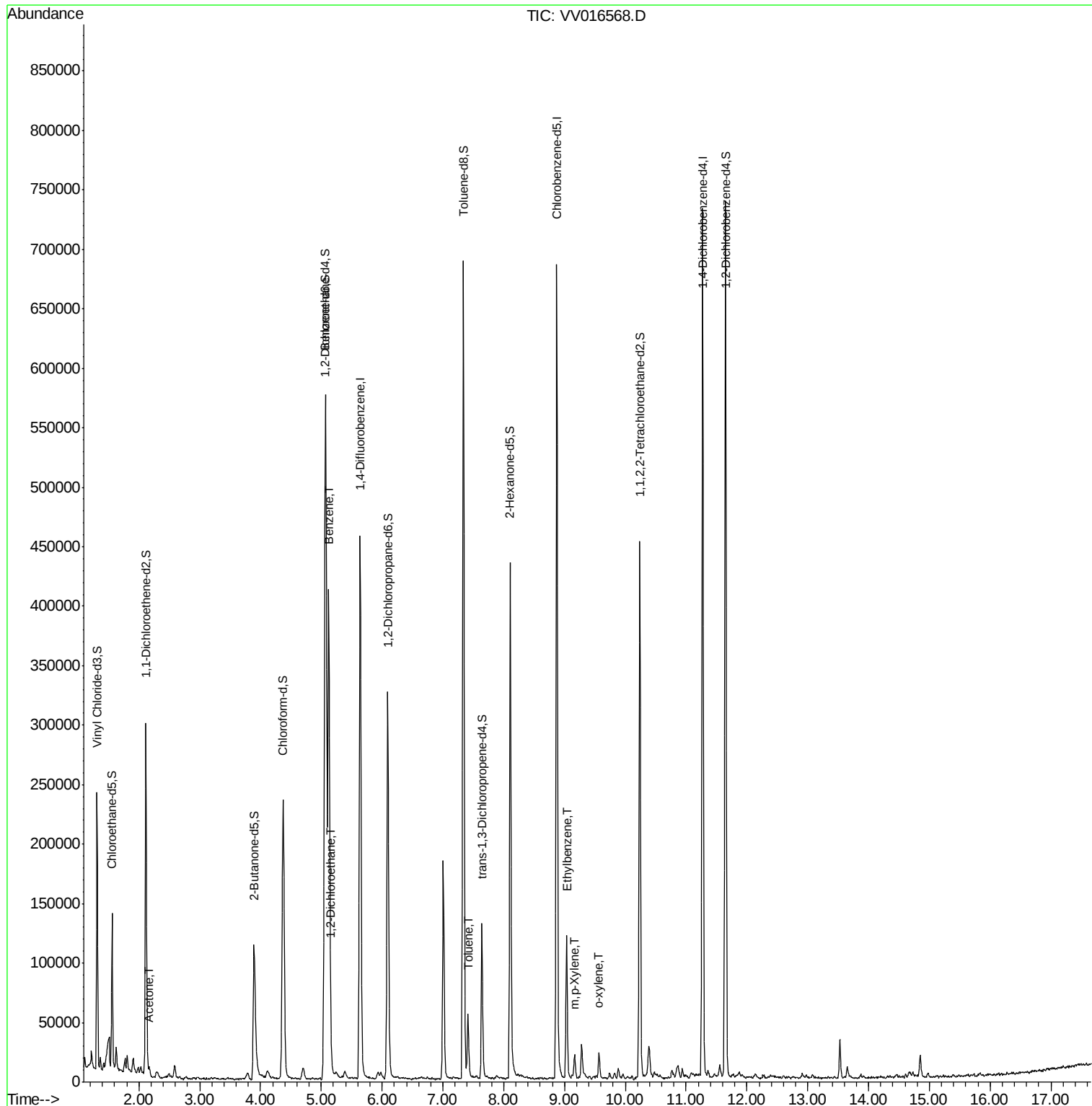
					Qvalue
13) Acetone	2.17	43	5413	3.338 ug/L	65
27) 1,2-Dichloroethane	5.16	62	10380	2.455 ug/L	100
33) Benzene	5.12	78	402675	38.241 ug/L	100
42) Toluene	7.41	91	36997	3.316 ug/L	98
52) Ethylbenzene	9.04	91	81197	6.686 ug/L	98
53) m,p-Xylene	9.16	106	5342	1.167 ug/L	88
54) o-xylene	9.57	106	5550	1.251 ug/L	85

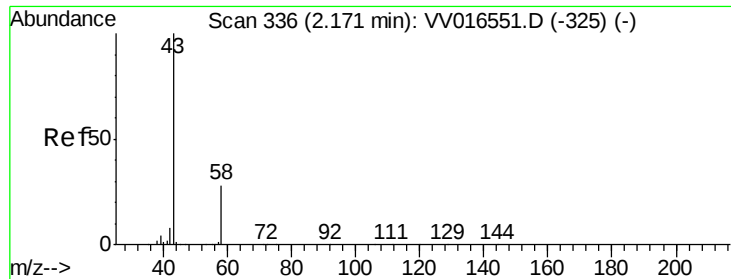
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.338 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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Acq: 06 Jun 2020 04:51

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MSVOA_V

ClientSampleId :

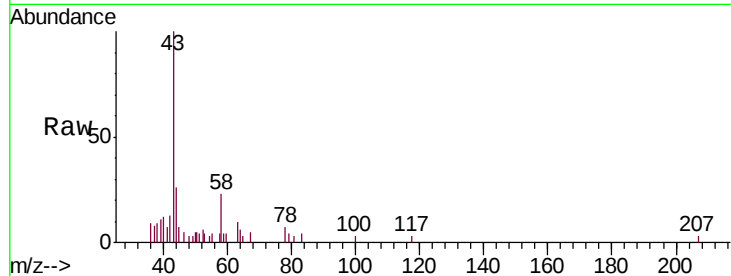
F9E28

Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

43 100

58 10.2 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-325) (-)

2.17

4000

3000

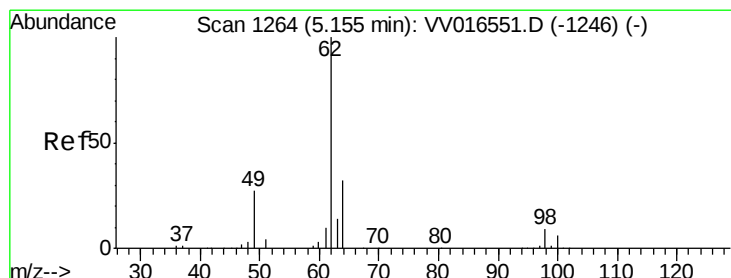
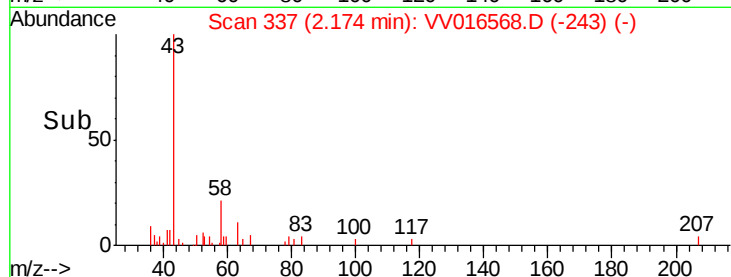
2000

1000

0

Time-->

2.10 2.15 2.20



#27

1,2-Dichloroethane

Concen: 2.455 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VV016568.D

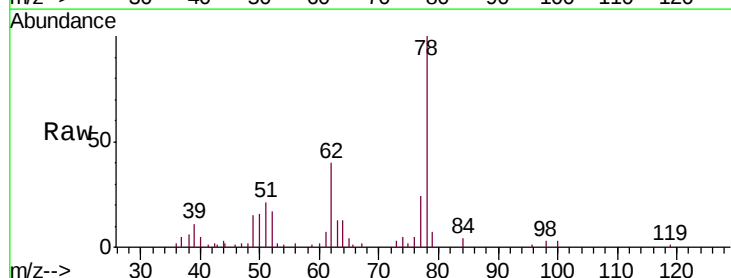
Acq: 06 Jun 2020 04:51

Tgt Ion: 62 Resp: 10380

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016551.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016551.D (-1246) (-)

5.16

5000

4000

3000

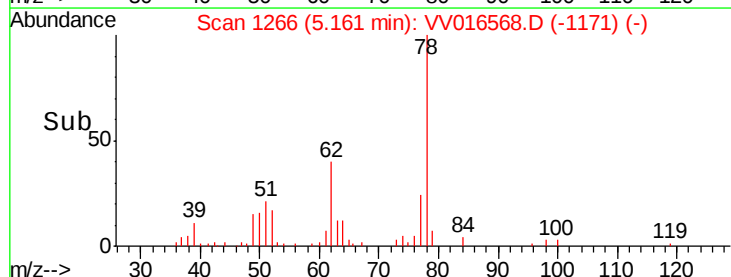
2000

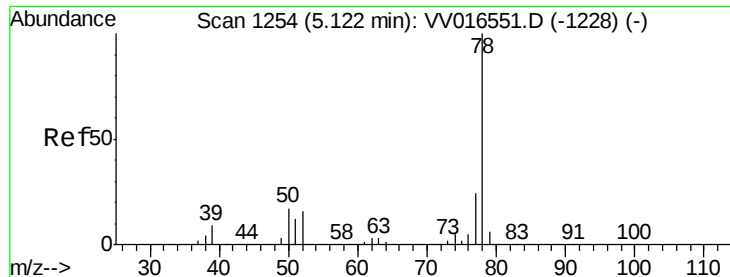
1000

0

Time-->

5.10 5.15 5.20 5.25





#33

Benzene

Concen: 38.241 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

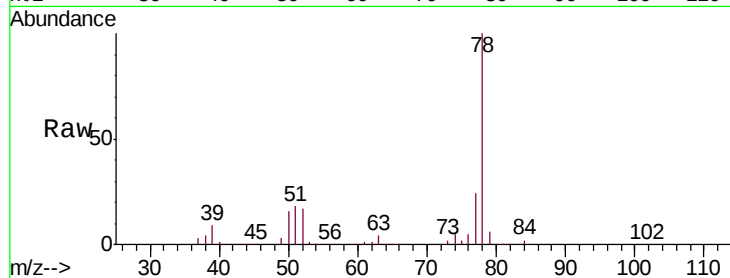
Instrument :

MSVOA_V

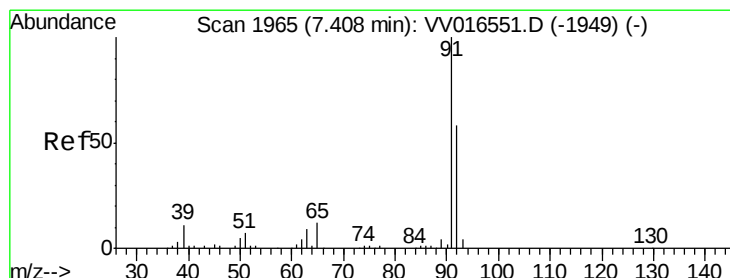
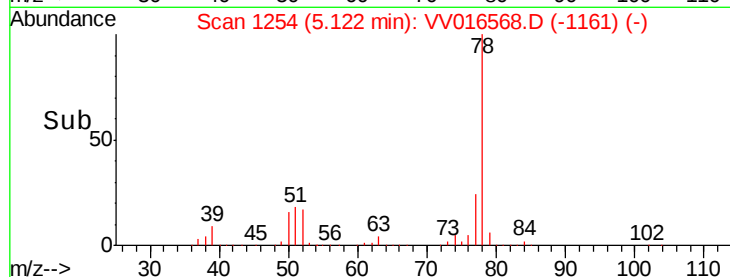
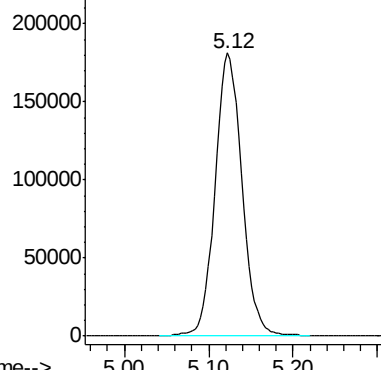
ClientSampled :

F9E28

Tgt Ion: 78 Resp: 402675



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 3.316 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016568.D

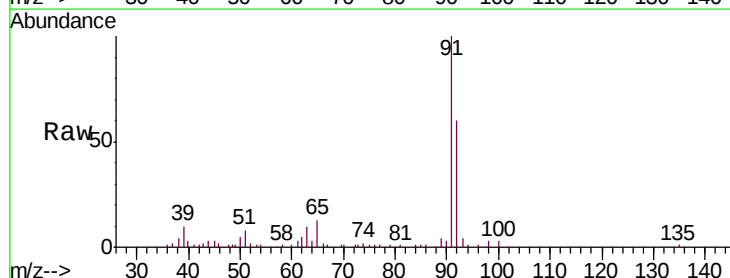
Acq: 06 Jun 2020 04:51

Tgt Ion: 91 Resp: 36997

Ion	Ratio	Lower	Upper
91	100		
92	60.0	40.9	75.9

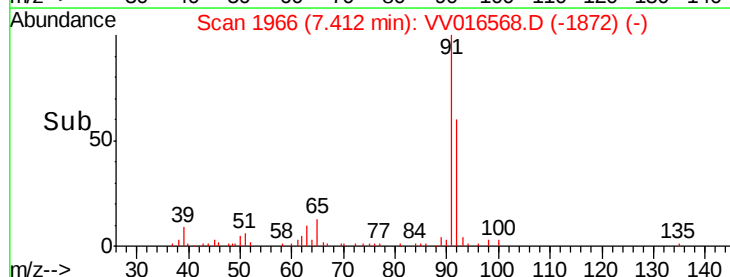
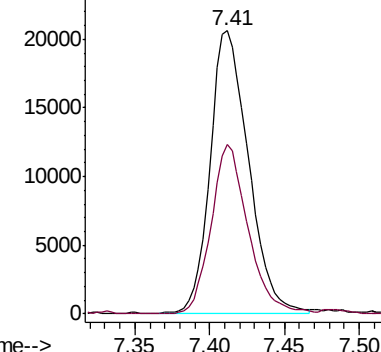
91 100

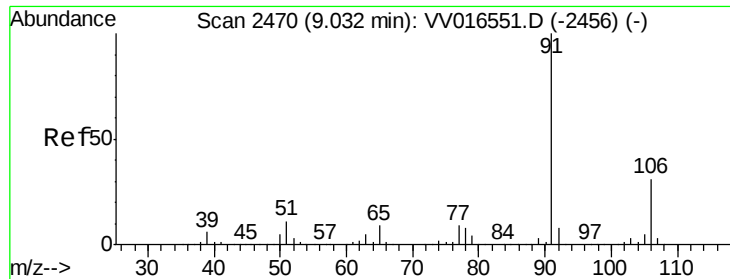
92 60.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 6.686 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Instrument :

MSVOA_V

ClientSampleId :

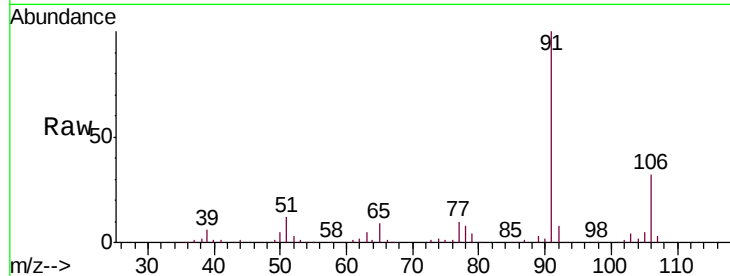
F9E28

Tgt Ion: 91 Resp: 81197

Ion Ratio Lower Upper

91 100

106 32.2 21.8 40.4

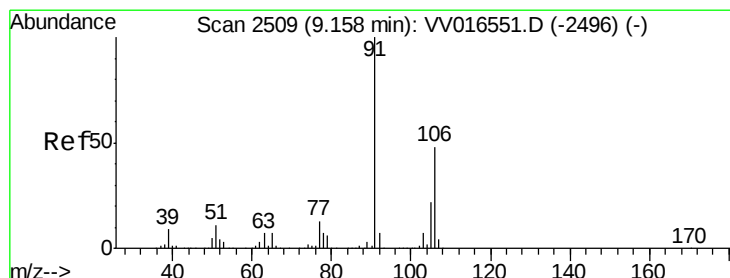
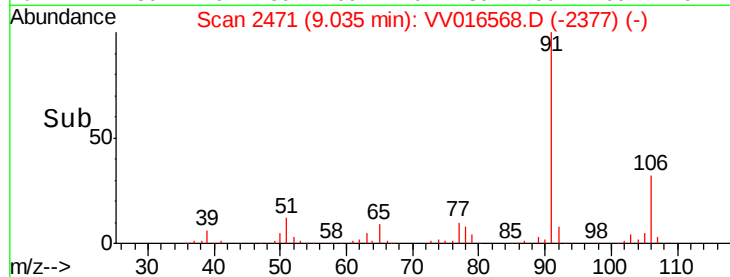


Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-2456) (-)

Ion 106.00 (105.70 to 106.70): VV016551.D (-2456) (-)

9.04

Time--> 8.95 9.00 9.05 9.10



#53

m,p-Xylene

Concen: 1.167 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016568.D

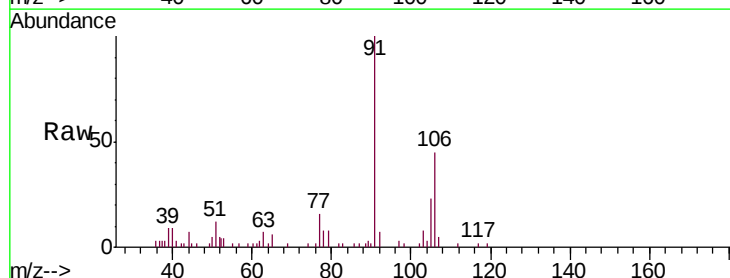
Acq: 06 Jun 2020 04:51

Tgt Ion: 106 Resp: 5342

Ion Ratio Lower Upper

106 100

91 221.7 142.5 264.6

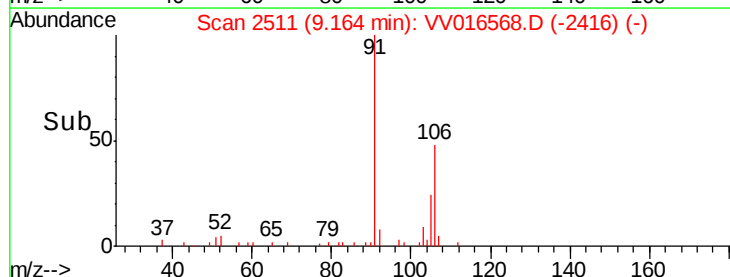


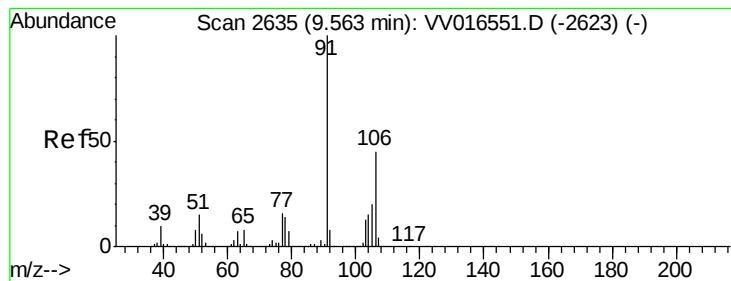
Abundance Ion 106.00 (105.70 to 106.70): VV016551.D (-2496) (-)

Ion 91.00 (90.70 to 91.70): VV016551.D (-2496) (-)

9.16

Time--> 9.10 9.15 9.20





#54

o-xylene

Concen: 1.251 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Instrument :

MSVOA_V

ClientSampleId :

F9E28

Tgt Ion:106 Resp: 5550

Ion Ratio Lower Upper

106 100

91 193.5 152.5 283.1

