

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011286.D
 Acq On : 07 Jun 2019 14:12
 Operator : SY/MD
 Sample : K3230-05
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB-190604

Quant Time: Jun 08 00:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 00:40:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152966	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59784	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49079	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.55	69	42171	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.12	63	77614	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.94	46	132241	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	4.39	84	94194	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	53479	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.09	84	189763	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.11	67	58684	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.35	98	170693	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	19095	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	105186	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40822	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	56347	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

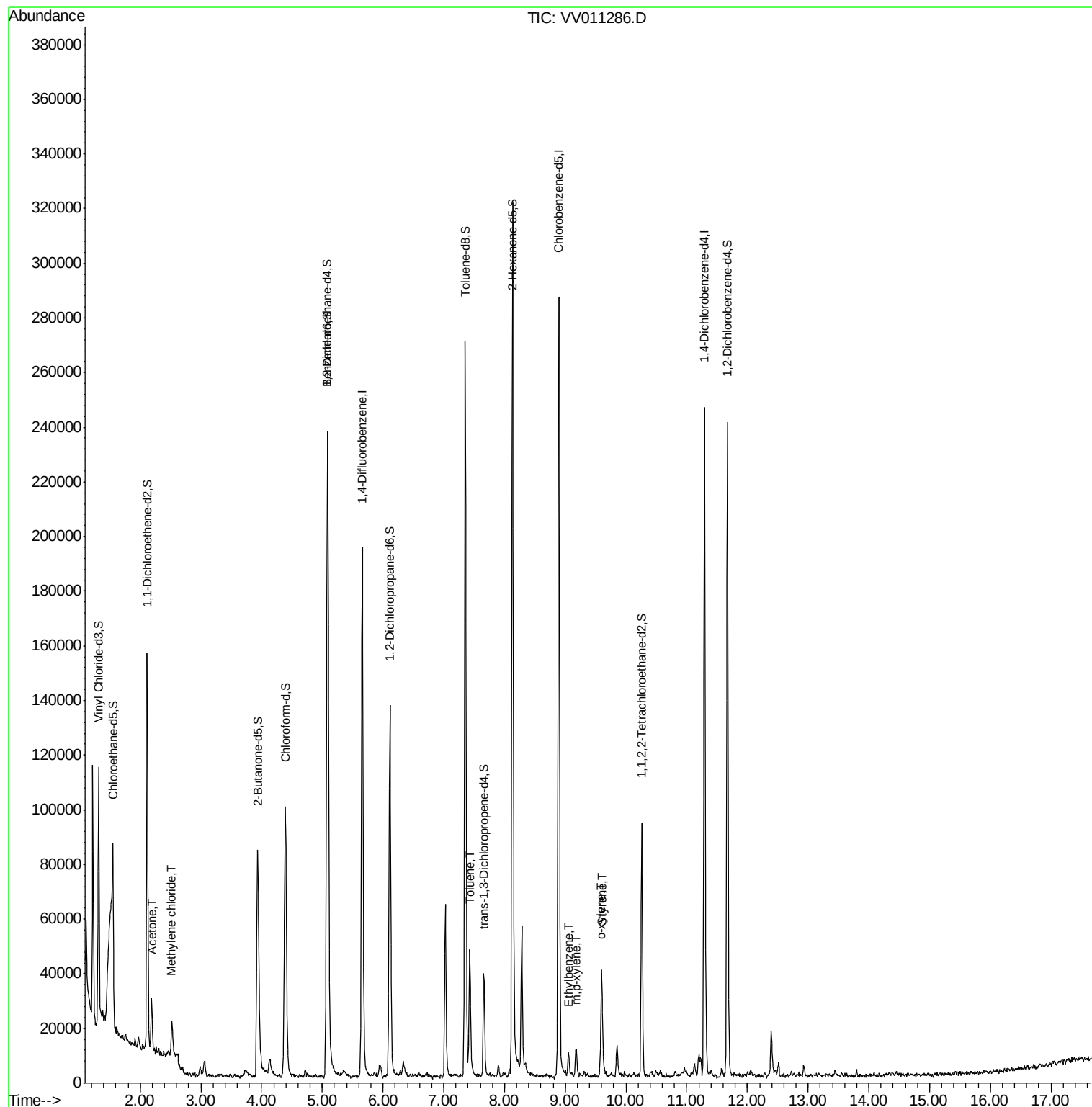
					Ovalue
13) Acetone	2.19	43	15962	9.123 ug/L	99
16) Methylene chloride	2.52	84	4377	0.441 ug/L	96
42) Toluene	7.43	91	29971	0.631 ug/L	96
52) Ethylbenzene	9.05	91	6180	0.117 ug/L	93
53) m,p-xylene	9.18	106	3183	0.163 ug/L	79
54) o-xylene	9.59	106	2521	0.132 ug/L	72
55) Styrene	9.60	104	17063	0.548 ug/L	99

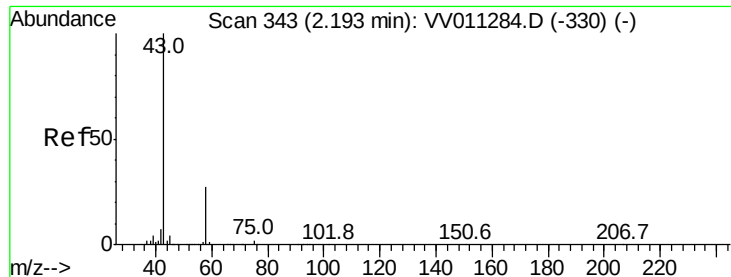
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.123 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 14:12

Instrument :

MSVOA_V

ClientSampleId :

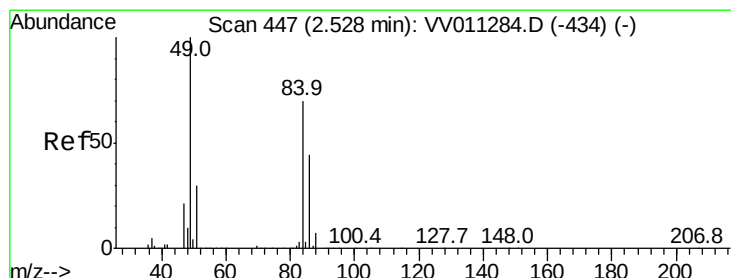
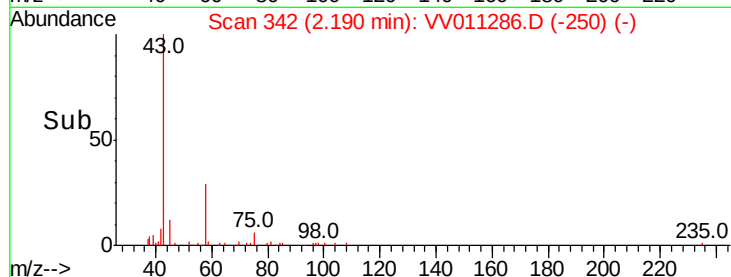
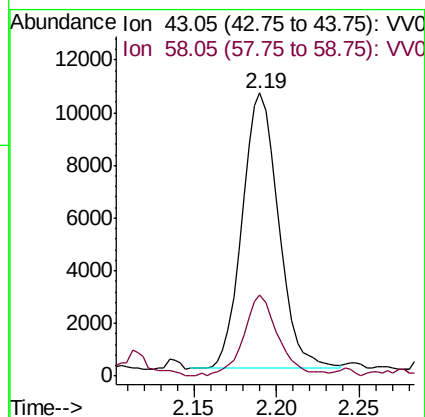
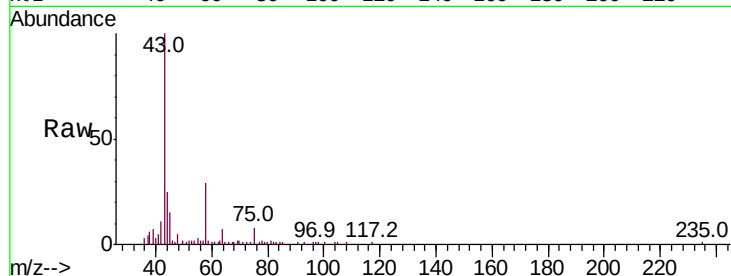
TB-190604

Tot Ion: 43 Resp: 15962

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.2



#16

Methylene chloride

Concen: 0.441 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV011286.D

Acq: 07 Jun 2019 14:12

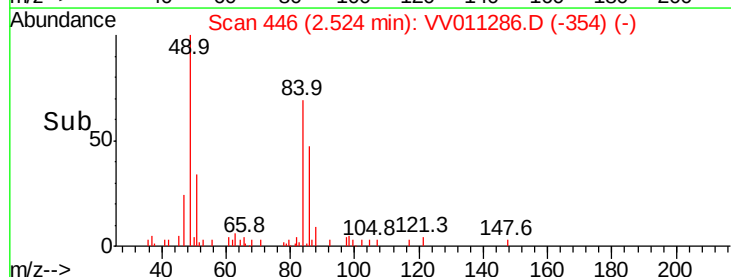
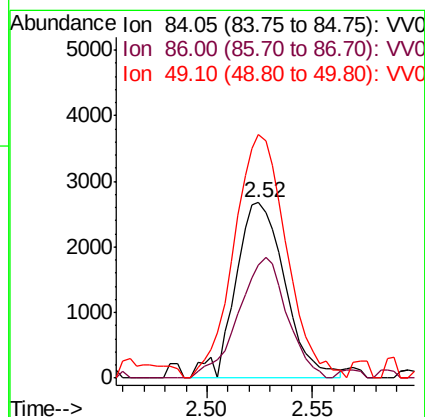
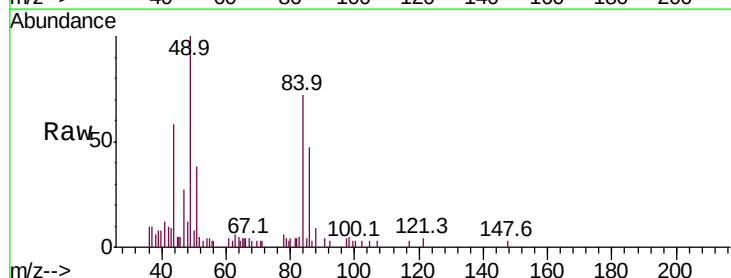
Tgt Ion: 84 Resp: 4377

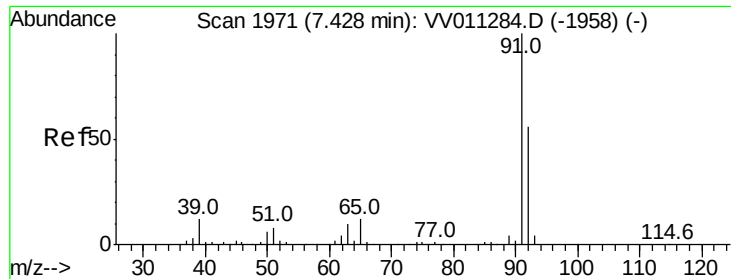
Ion Ratio Lower Upper

84 100

86 64.5 44.9 83.3

49 138.8 102.1 189.5





#42

Toluene

Concen: 0.631 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV011286.D

Acq: 07 Jun 2019 14:12

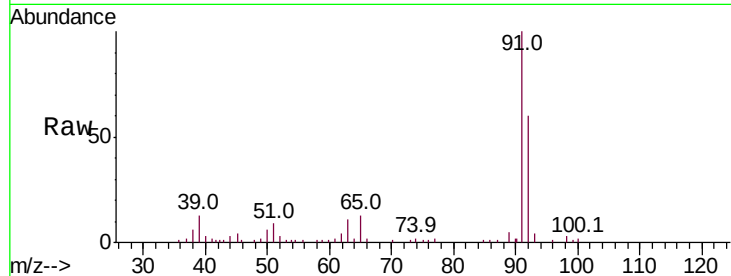
Instrument :
MSVOA_V
ClientSampleId :
TB-190604

Tot Ion: 91 Resp: 29971

Ion Ratio Lower Upper

91 100

92 59.9 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011284.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV011284.D (-1958) (-)

7.43

15000

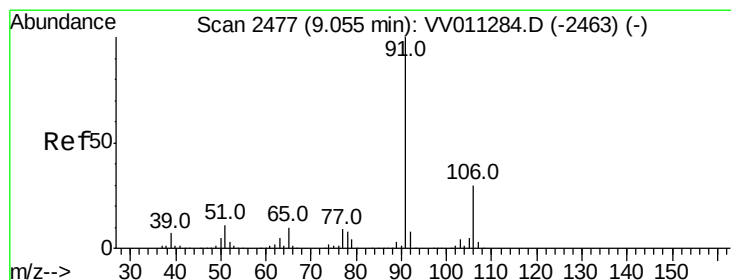
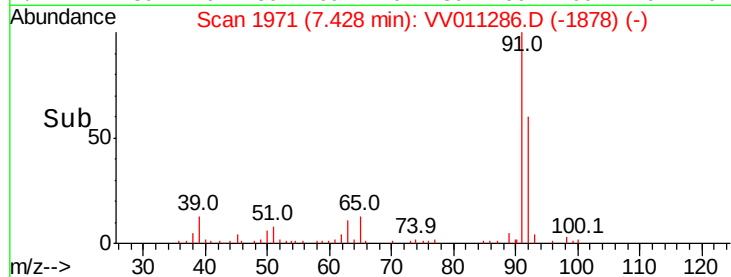
10000

5000

0

7.35 7.40 7.45 7.50

Time-->



#52

Ethylbenzene

Concen: 0.117 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011286.D

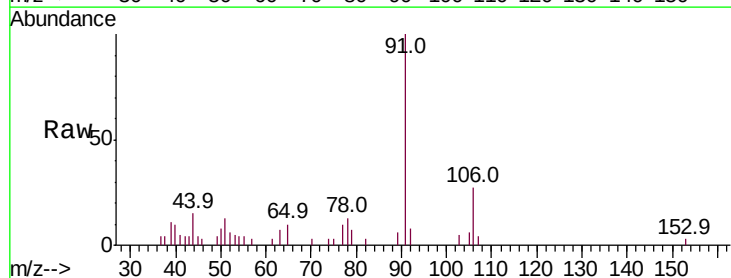
Acq: 07 Jun 2019 14:12

Tgt Ion: 91 Resp: 6180

Ion Ratio Lower Upper

91 100

106 26.8 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011284.D (-2463) (-)

Ion 106.15 (105.85 to 106.85): VV011284.D (-2463) (-)

9.05

4000

3000

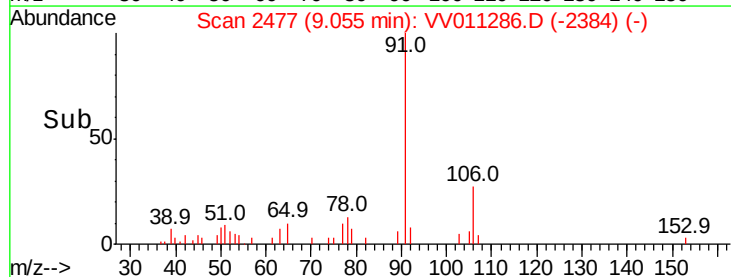
2000

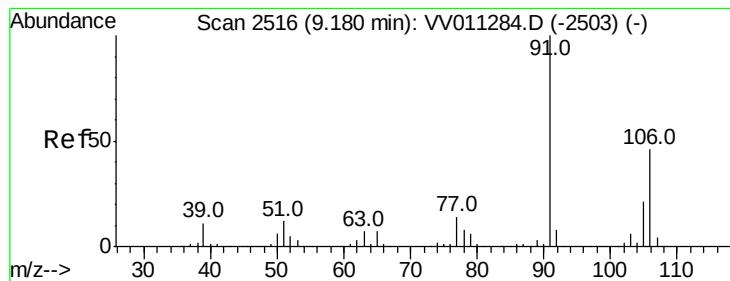
1000

0

9.00 9.05 9.10

Time-->





#53

m,p-xylene

Concen: 0.163 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011286.D

Acq: 07 Jun 2019 14:12

Instrument :

MSVOA_V

ClientSampleId :

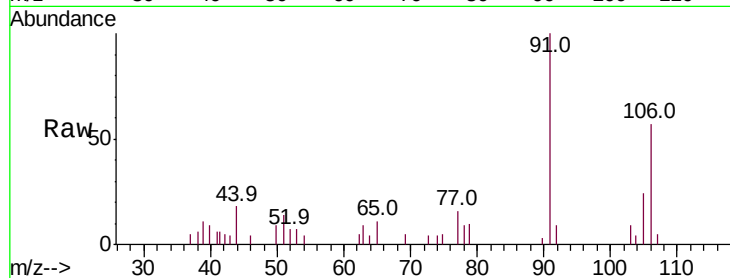
TB-190604

Tot Ion:106 Resp: 3183

Ion Ratio Lower Upper

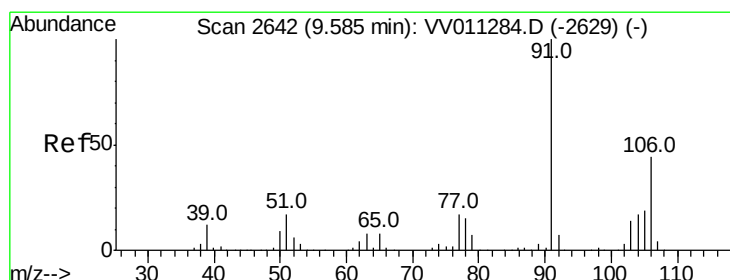
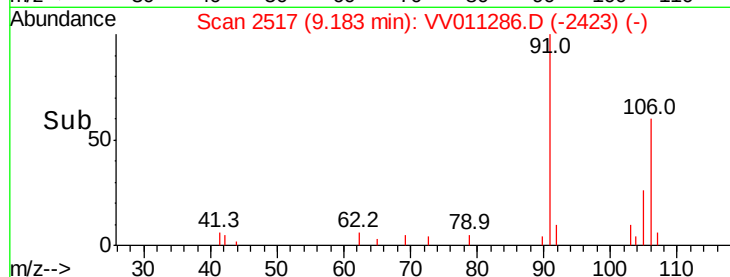
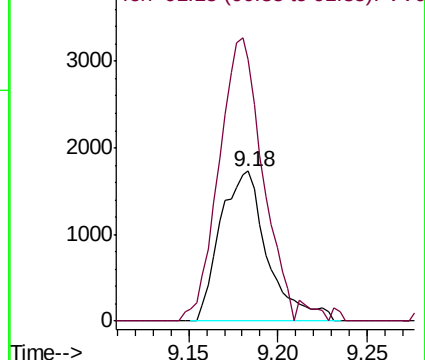
106 100

91 174.7 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.132 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV011286.D

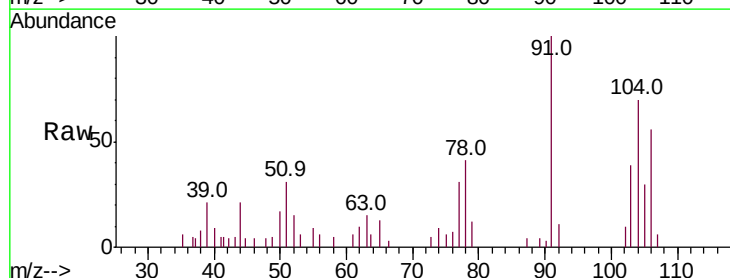
Acq: 07 Jun 2019 14:12

Tgt Ion:106 Resp: 2521

Ion Ratio Lower Upper

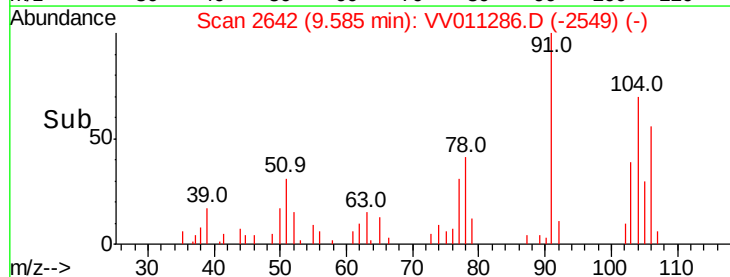
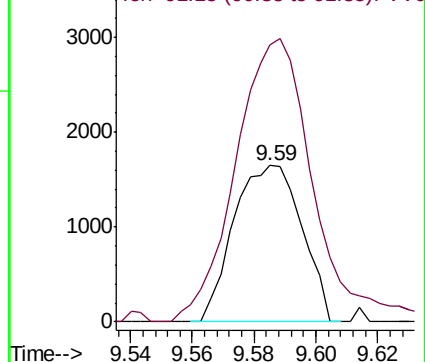
106 100

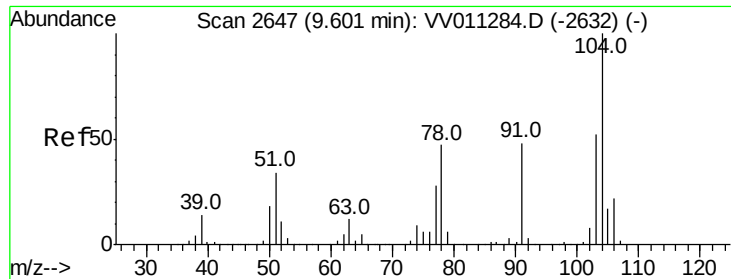
91 177.4 155.4 288.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 0.548 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV011286.D

Acq: 07 Jun 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
TB-190604

Tot Ion:104 Resp: 17063

Ion Ratio Lower Upper

104 100

78 45.5 32.4 60.2

