

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011245.D
 Acq On : 06 Jun 2019 15:21
 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 07 01:47:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 01:28:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158102	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59603	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.56	69	48634	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	92462	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.94	46	133789	49.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	4.40	84	101963	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	56888	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	218523	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	65036	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	196229	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	21423	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.13	63	110490	50.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43914	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	62348	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

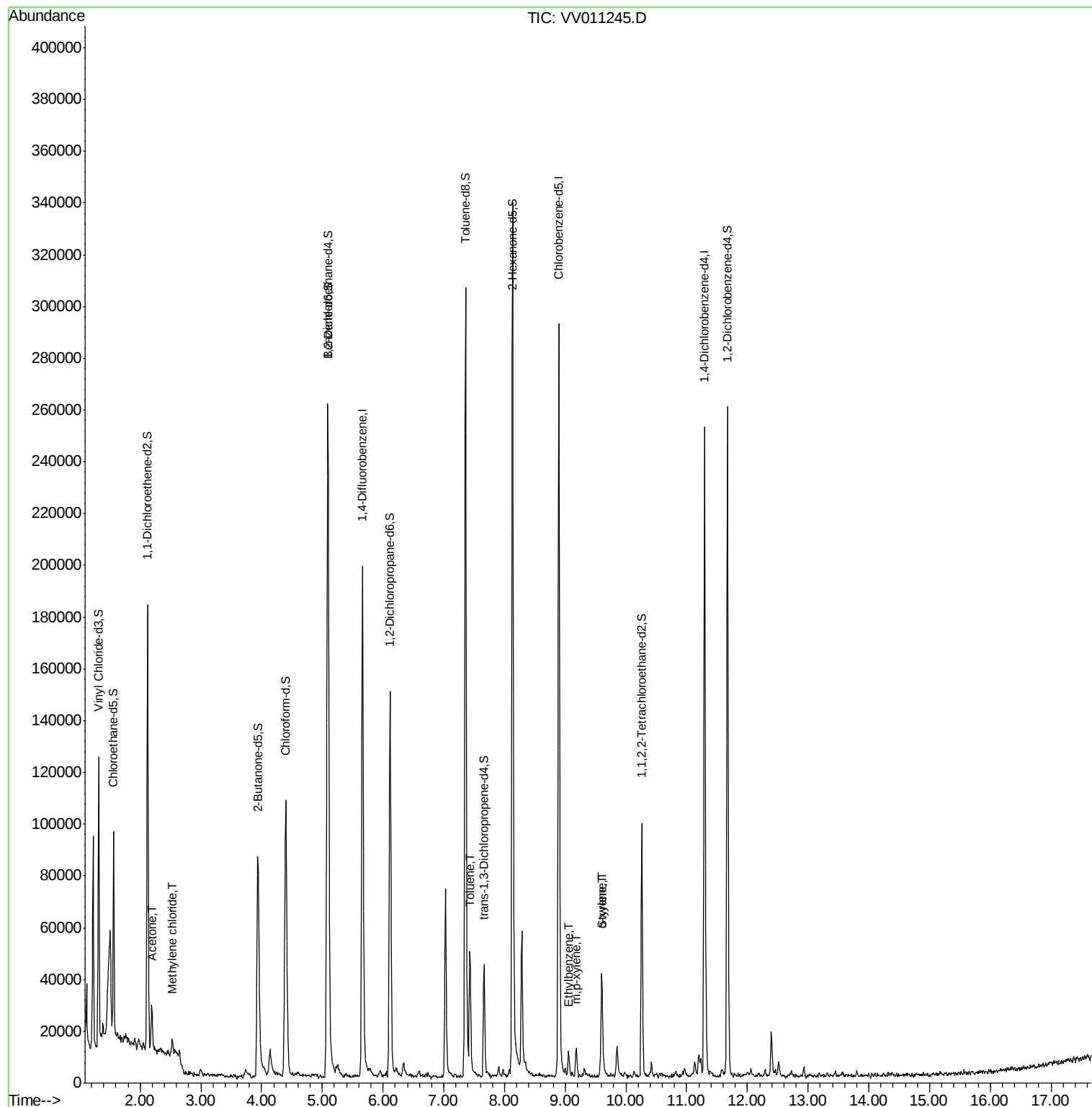
					Ovalue
13) Acetone	2.19	43	15262	8.440	ug/L 93
16) Methylene chloride	2.53	84	2623	0.256	ug/L 89
42) Toluene	7.43	91	31438	0.628	ug/L 98
52) Ethylbenzene	9.05	91	6197	0.111	ug/L 96
53) m,p-xylene	9.18	106	2919	0.142	ug/L 95
54) o-xylene	9.59	106	2586	0.128	ug/L 96
55) Styrene	9.60	104	16594	0.505	ug/L 95

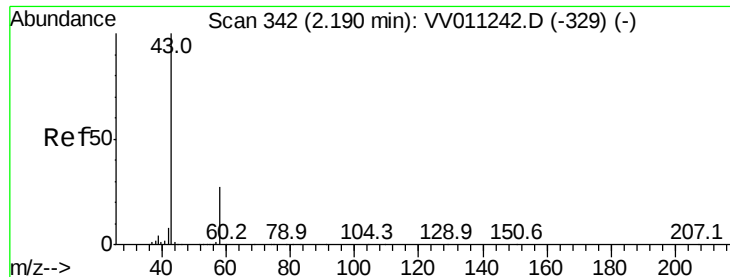
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.440 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV011245.D

Acq: 06 Jun 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

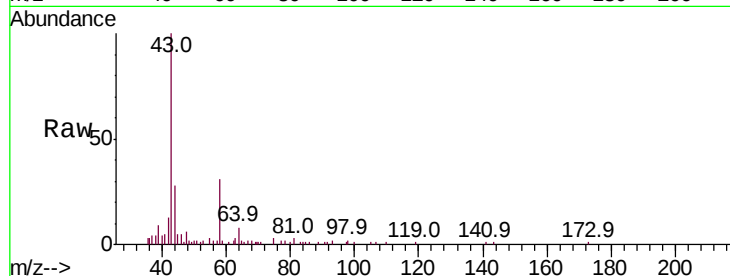
TB-190604

Tot Ion: 43 Resp: 15262

Ion Ratio Lower Upper

43 100

58 31.5 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

10000

8000

6000

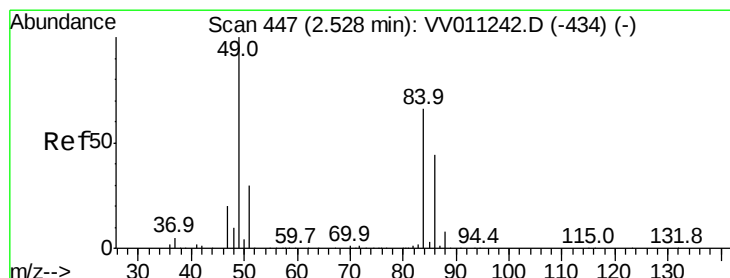
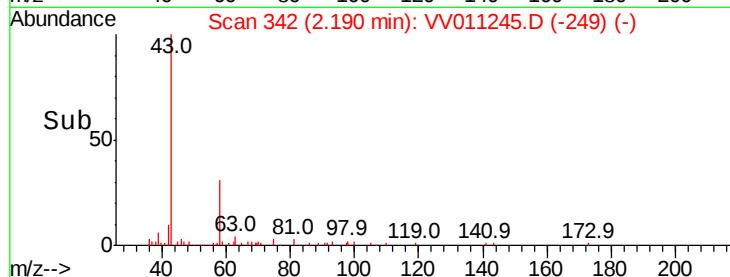
4000

2000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.256 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011245.D

Acq: 06 Jun 2019 15:21

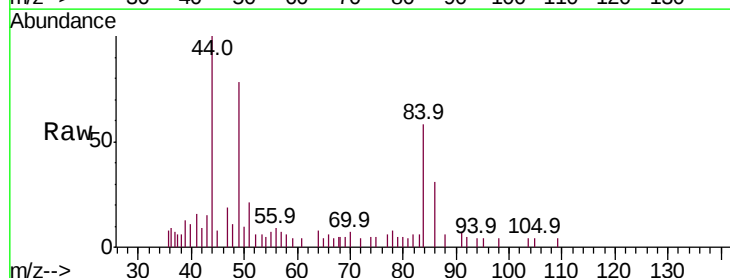
Tgt Ion: 84 Resp: 2623

Ion Ratio Lower Upper

84 100

86 53.3 44.9 83.3

49 133.7 102.1 189.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2500

2000

1500

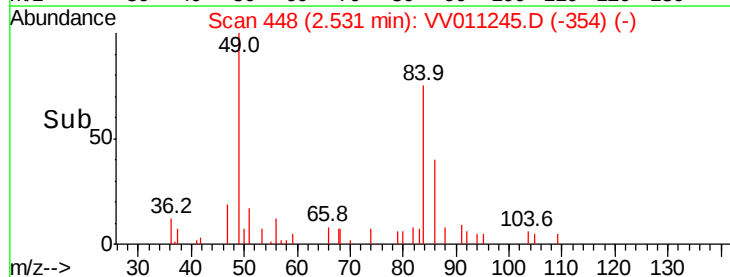
1000

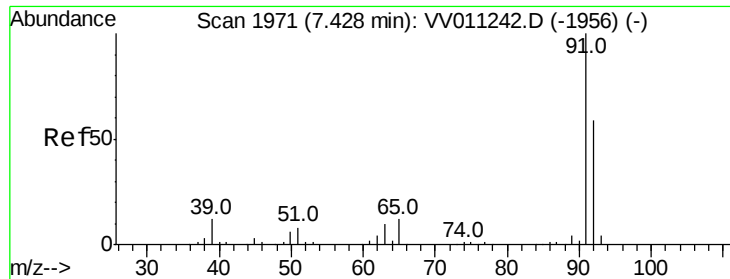
500

0

Time-->

2.45 2.50 2.55





#42

Toluene

Concen: 0.628 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011245.D

Acq: 06 Jun 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

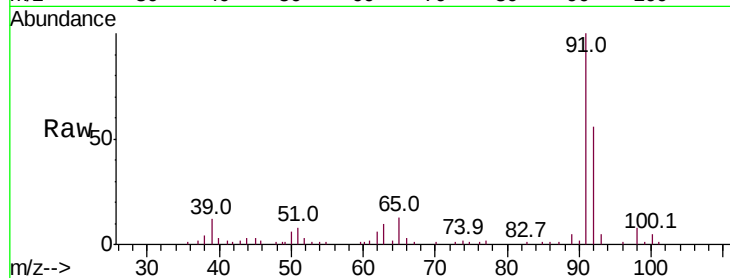
TB-190604

Tot Ion: 91 Resp: 31438

Ion Ratio Lower Upper

91 100

92 55.8 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011245.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011245.D (-1956) (-)

7.43

20000

15000

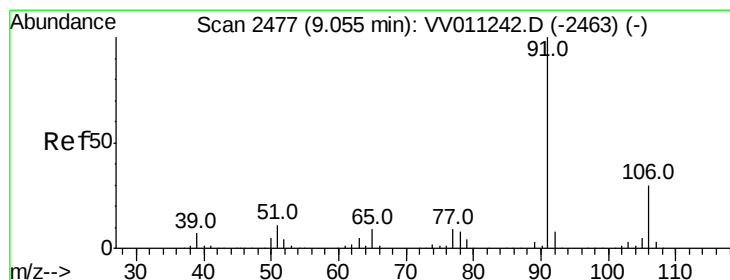
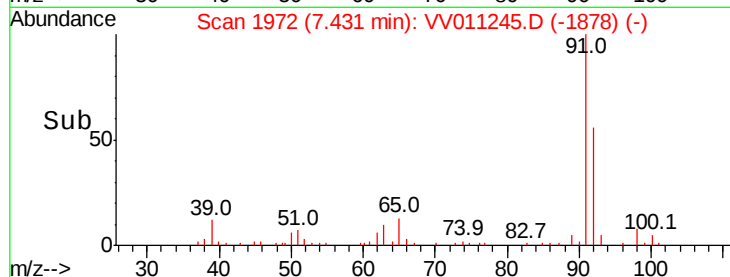
10000

5000

0

Time-->

7.35 7.40 7.45 7.50



#52

Ethylbenzene

Concen: 0.111 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011245.D

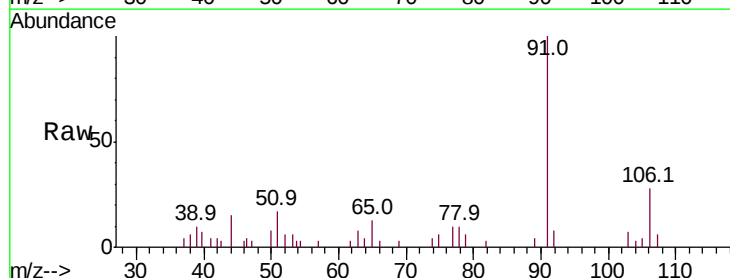
Acq: 06 Jun 2019 15:21

Tgt Ion: 91 Resp: 6197

Ion Ratio Lower Upper

91 100

106 28.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011245.D (-2463) (-)

Ion 106.15 (105.85 to 106.85): VV011245.D (-2463) (-)

9.05

4000

3000

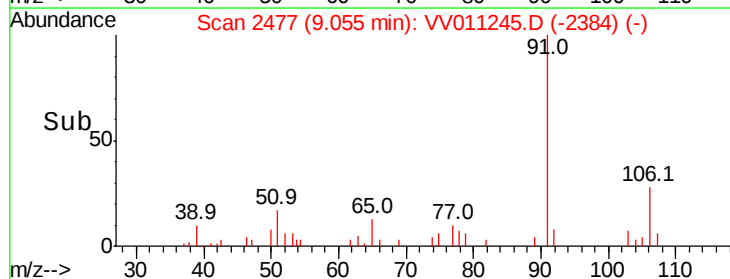
2000

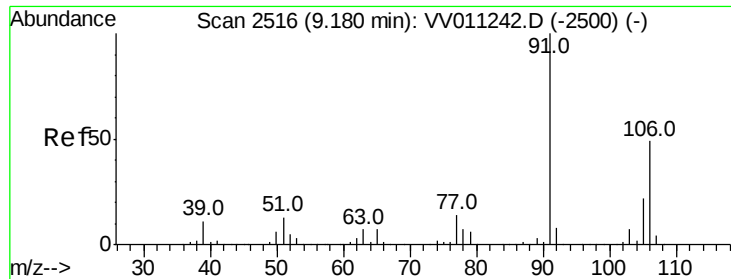
1000

0

Time-->

9.00 9.05 9.10





#53

m,p-xylene

Concen: 0.142 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011245.D

Acq: 06 Jun 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

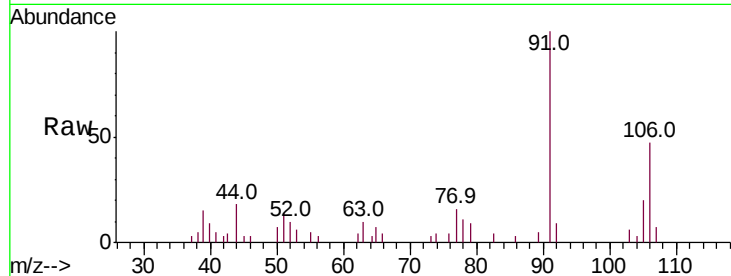
TB-190604

Tot Ion:106 Resp: 2919

Ion Ratio Lower Upper

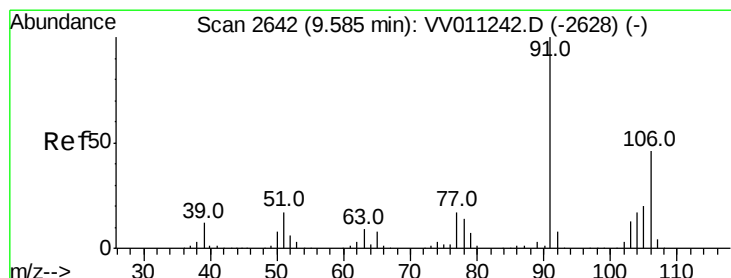
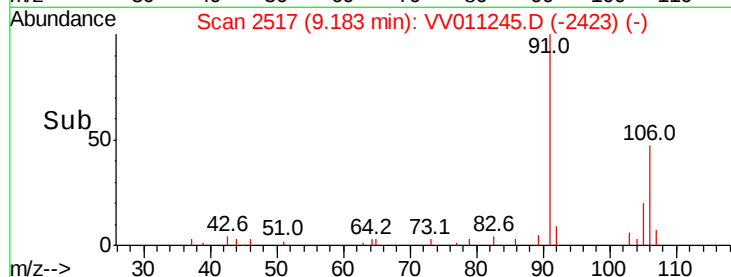
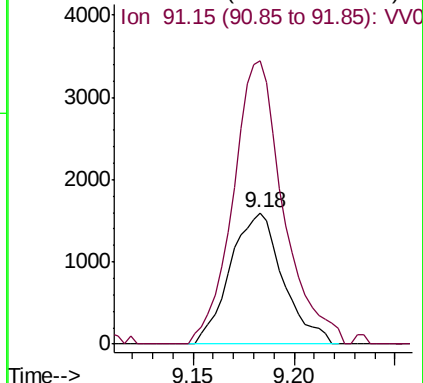
106 100

91 215.0 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.128 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.01 min

Lab File: VV011245.D

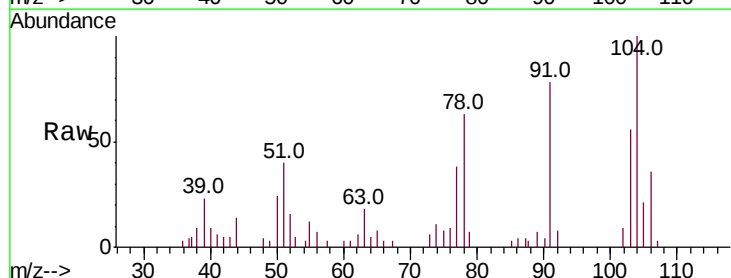
Acq: 06 Jun 2019 15:21

Tgt Ion:106 Resp: 2586

Ion Ratio Lower Upper

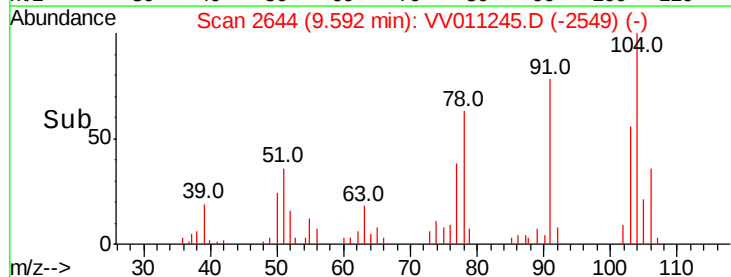
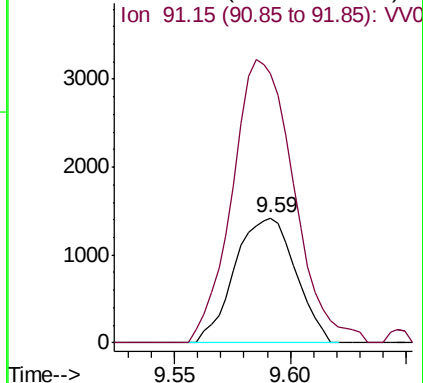
106 100

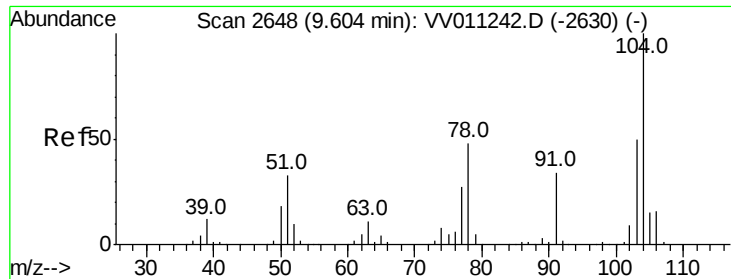
91 215.0 155.4 288.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 0.505 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. -0.00 min

Lab File: VV011245.D

Acq: 06 Jun 2019 15:21

Instrument :

MSVOA_V

ClientSampleId :

TB-190604

Tot Ion:104 Resp: 16594

Ion Ratio Lower Upper

104 100

78 49.8 32.4 60.2

