

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014465.D
 Acq On : 31 Jan 2020 21:23
 Operator : SY/MD
 Sample : L1324-16 40X
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT71

Quant Time: Feb 01 03:28:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 02:36:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	418787	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95270	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.58	69	70256	48.58	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.13	63	112530	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	3.92	46	169819	108.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.51%
24) Chloroform-d	4.40	84	229502	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.08	65	150743	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.10	84	488716	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
36) 1,2-Dichloropropane-d6	6.12	67	158020	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.36	98	449399	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.66	79	81006	49.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.84%
47) 2-Hexanone-d5	8.13	63	145957	115.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.68%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	203902	49.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	168904	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%

Target Compounds

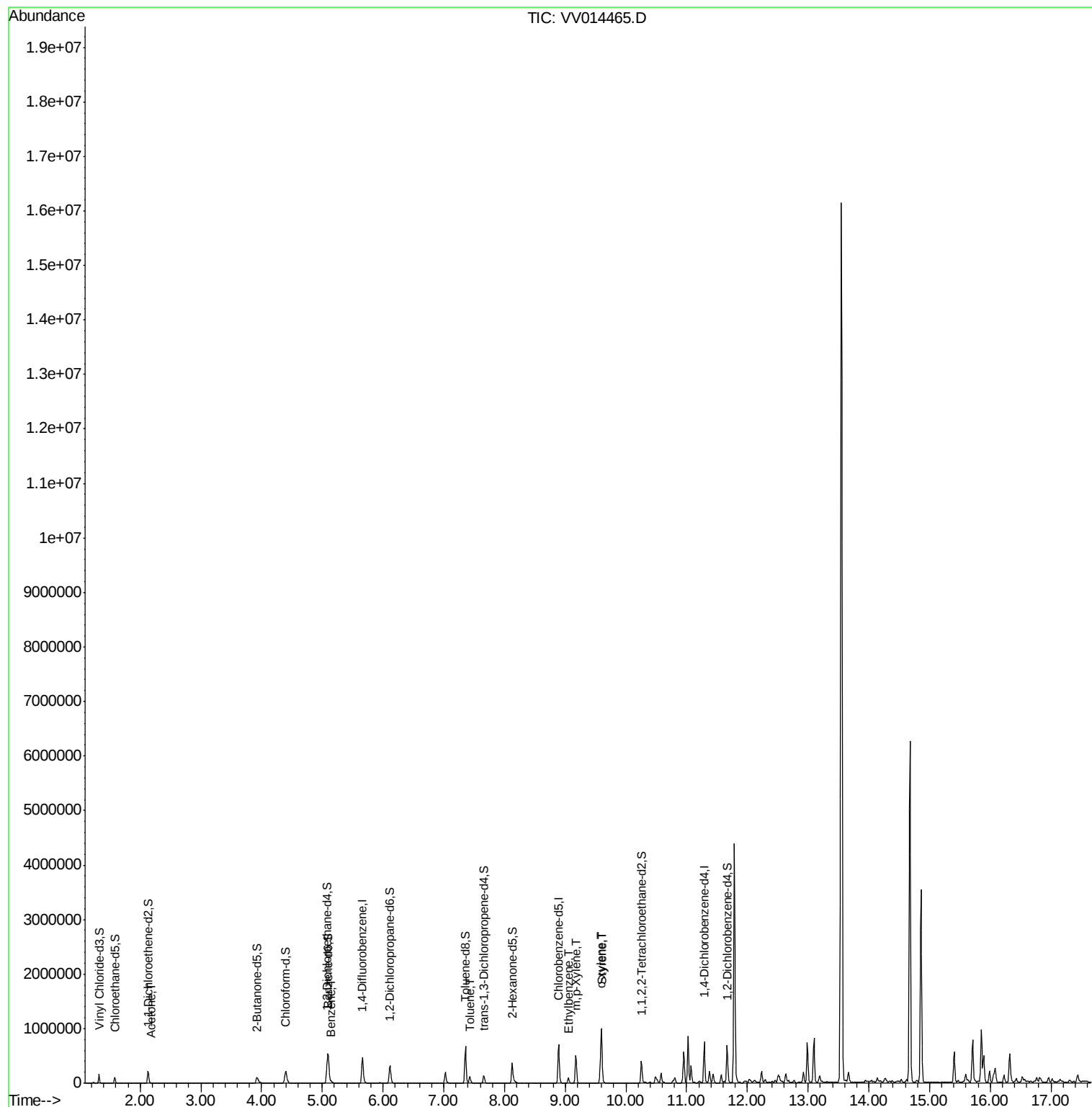
					Ovalue
13) Acetone	2.19	43	2403	1.800 ug/L	79
33) Benzene	5.15	78	22627	1.981 ug/L	100
42) Toluene	7.43	91	88170	7.374 ug/L	97
52) Ethylbenzene	9.05	91	69089	5.148 ug/L	97
53) m,p-Xylene	9.18	106	144841	28.904 ug/L	99
54) o-xylene	9.58	106	100763	20.293 ug/L	99
55) Styrene	9.60	104	427208	51.267 ug/L	100

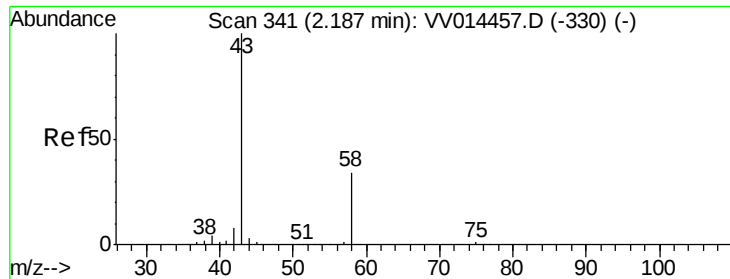
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.800 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014465.D

Acq: 31 Jan 2020 21:23

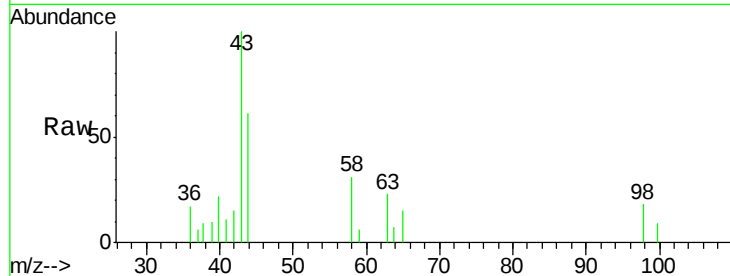
Instrument :
MSVOA_V
ClientSampleId :
GAT71

Tot Ion: 43 Resp: 2403

Ion Ratio Lower Upper

43 100

58 42.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV014457.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV014457.D (-330) (-)

2.19

1500

1000

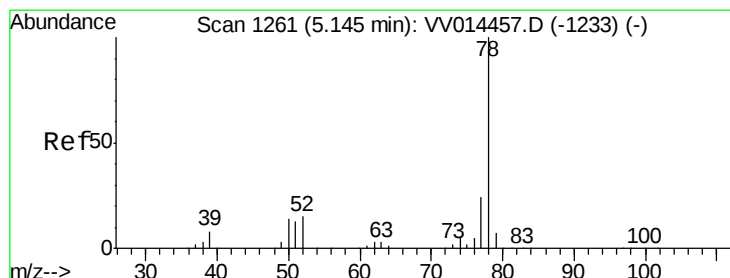
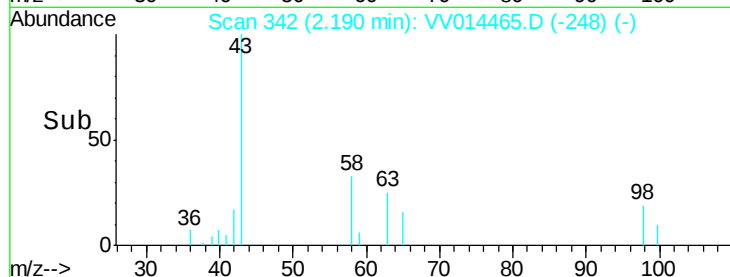
500

0

Time-->

2.15

2.20



#33

Benzene

Concen: 1.981 ug/L

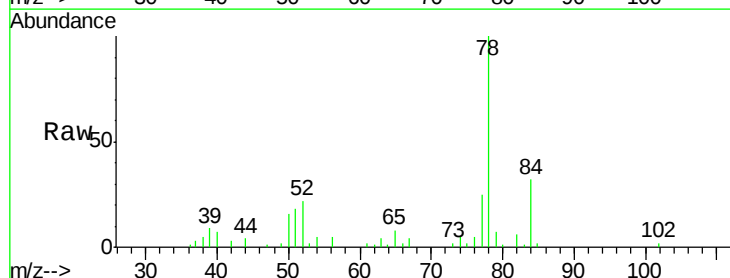
RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV014465.D

Acq: 31 Jan 2020 21:23

Tgt Ion: 78 Resp: 22627



Abundance Ion 78.00 (77.70 to 78.70): VV014457.D (-1233) (-)

5.15

10000

8000

6000

4000

2000

0

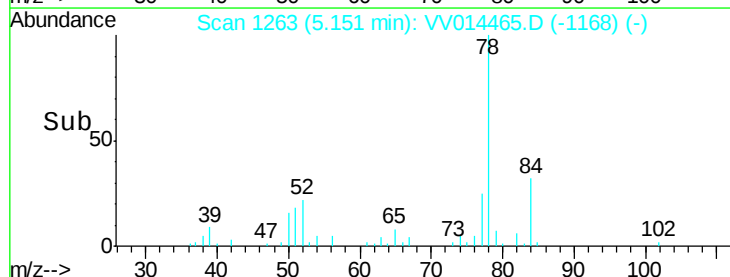
Time-->

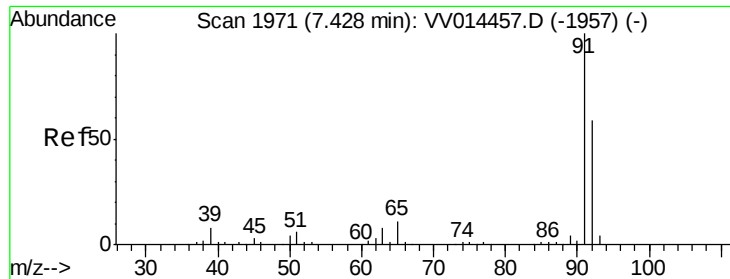
5.10

5.15

5.20

5.25





#42

Toluene

Concen: 7.374 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014465.D

Acq: 31 Jan 2020 21:23

Instrument :

MSVOA_V

ClientSampleId :

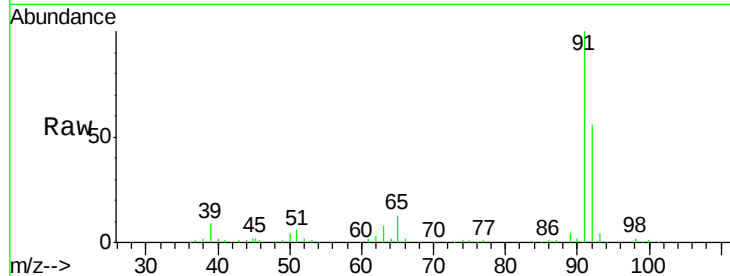
GAT71

Tot Ion: 91 Resp: 88170

Ion Ratio Lower Upper

91 100

92 56.1 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

60000

50000

40000

30000

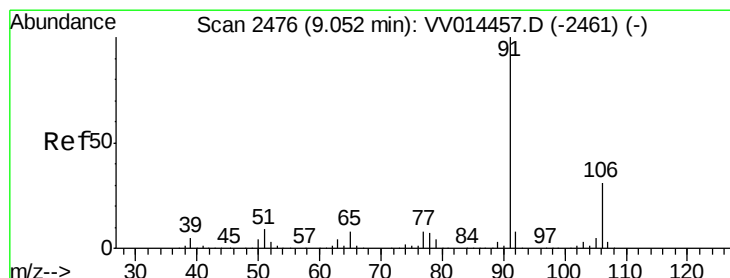
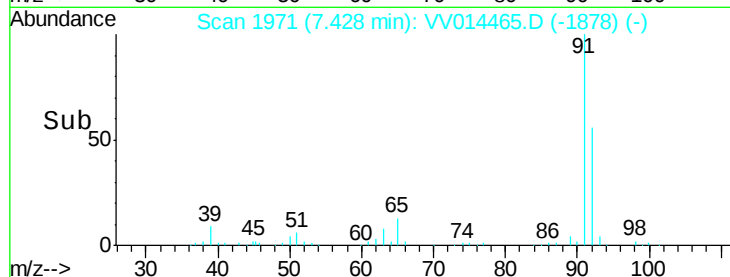
20000

10000

0

7.35 7.40 7.45 7.50

Time-->



#52

Ethylbenzene

Concen: 5.148 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014465.D

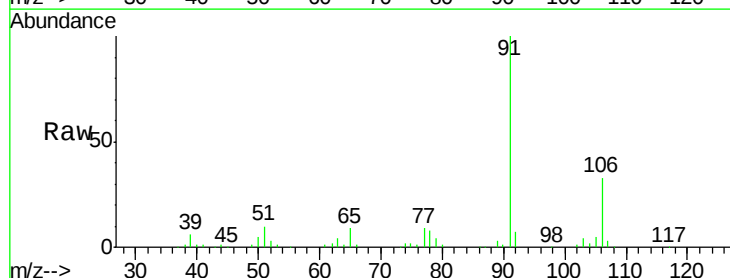
Acq: 31 Jan 2020 21:23

Tgt Ion: 91 Resp: 69089

Ion Ratio Lower Upper

91 100

106 32.7 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

200000

150000

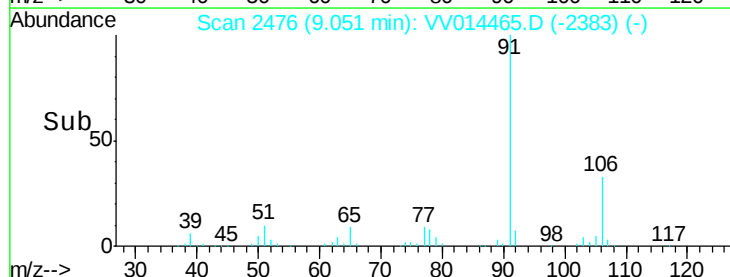
100000

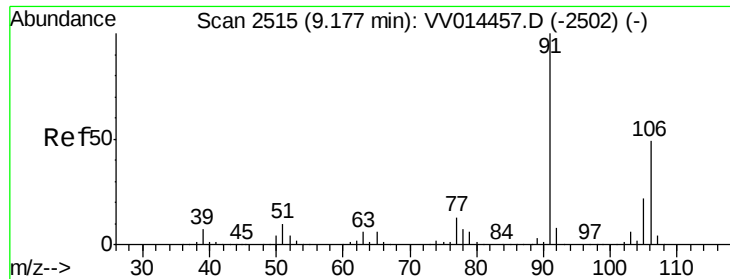
50000

0

9.00 9.05 9.10 9.15

Time-->





#53

m,p-Xylene

Concen: 28.904 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014465.D

Acq: 31 Jan 2020 21:23

Instrument :

MSVOA_V

ClientSampleId :

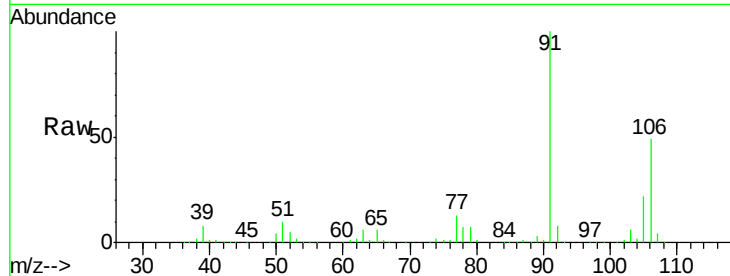
GAT71

Tot Ion:106 Resp: 144841

Ion Ratio Lower Upper

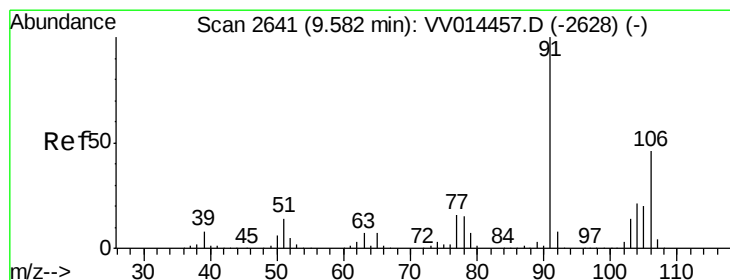
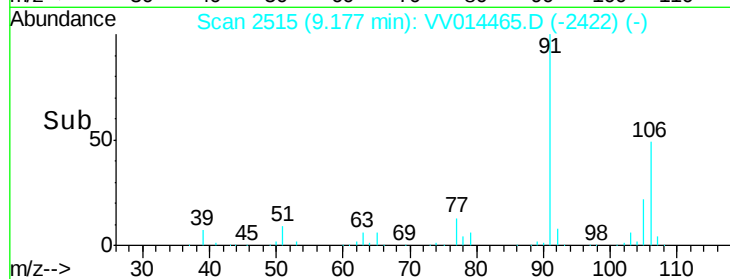
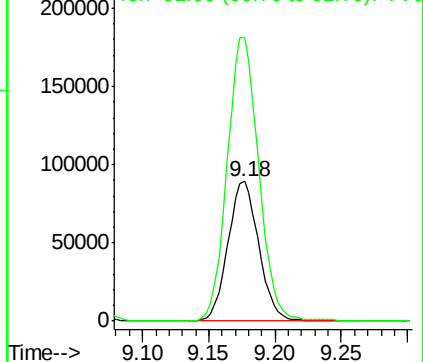
106 100

91 202.8 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 20.293 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV014465.D

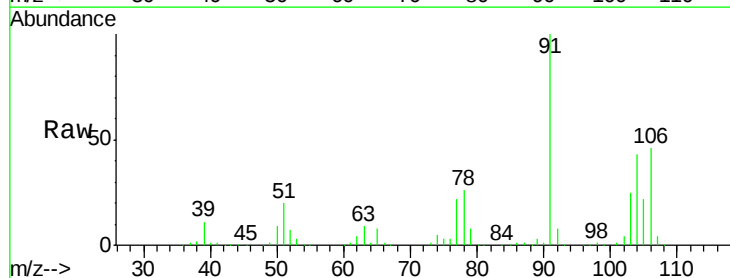
Acq: 31 Jan 2020 21:23

Tgt Ion:106 Resp: 100763

Ion Ratio Lower Upper

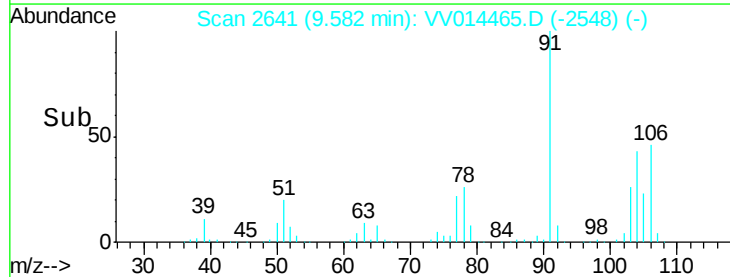
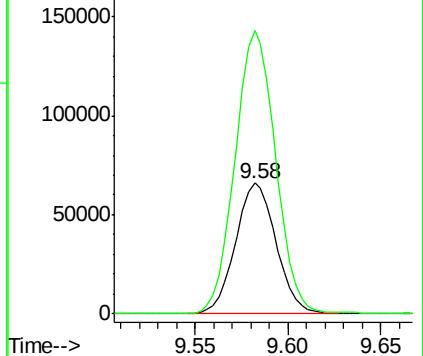
106 100

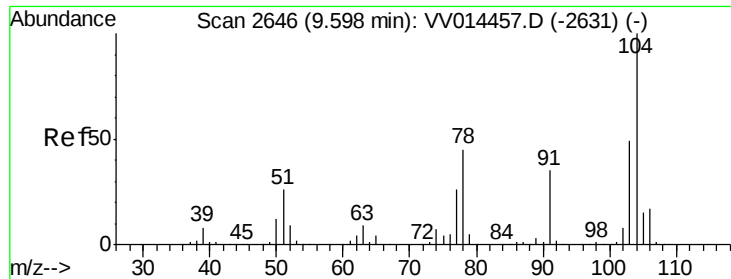
91 216.1 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Stvrene

Concen: 51.267 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV014465.D

Acq: 31 Jan 2020 21:23

Instrument :
MSVOA_V
ClientSampleId :
GAT71

Tot Ion:104 Resp: 427208

Ion Ratio Lower Upper

104 100

78 44.4 31.3 58.1

