

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
 Data File : VV014482.D
 Acq On : 03 Feb 2020 11:53
 Operator : SY/MD
 Sample : L1323-11DL 40X
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT49DL

Quant Time: Feb 04 05:32:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 04:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	442384	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	412060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109438	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.58	69	78415	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.13	63	123554	37.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.34%
21) 2-Butanone-d5	3.92	46	176731	106.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.91%
24) Chloroform-d	4.39	84	245750	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.07	65	157376	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.09	84	531251	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
36) 1,2-Dichloropropane-d6	6.11	67	167458	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.35	98	492566	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	7.66	79	88557	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.12	63	143554	106.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.89%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	213605	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	187829	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

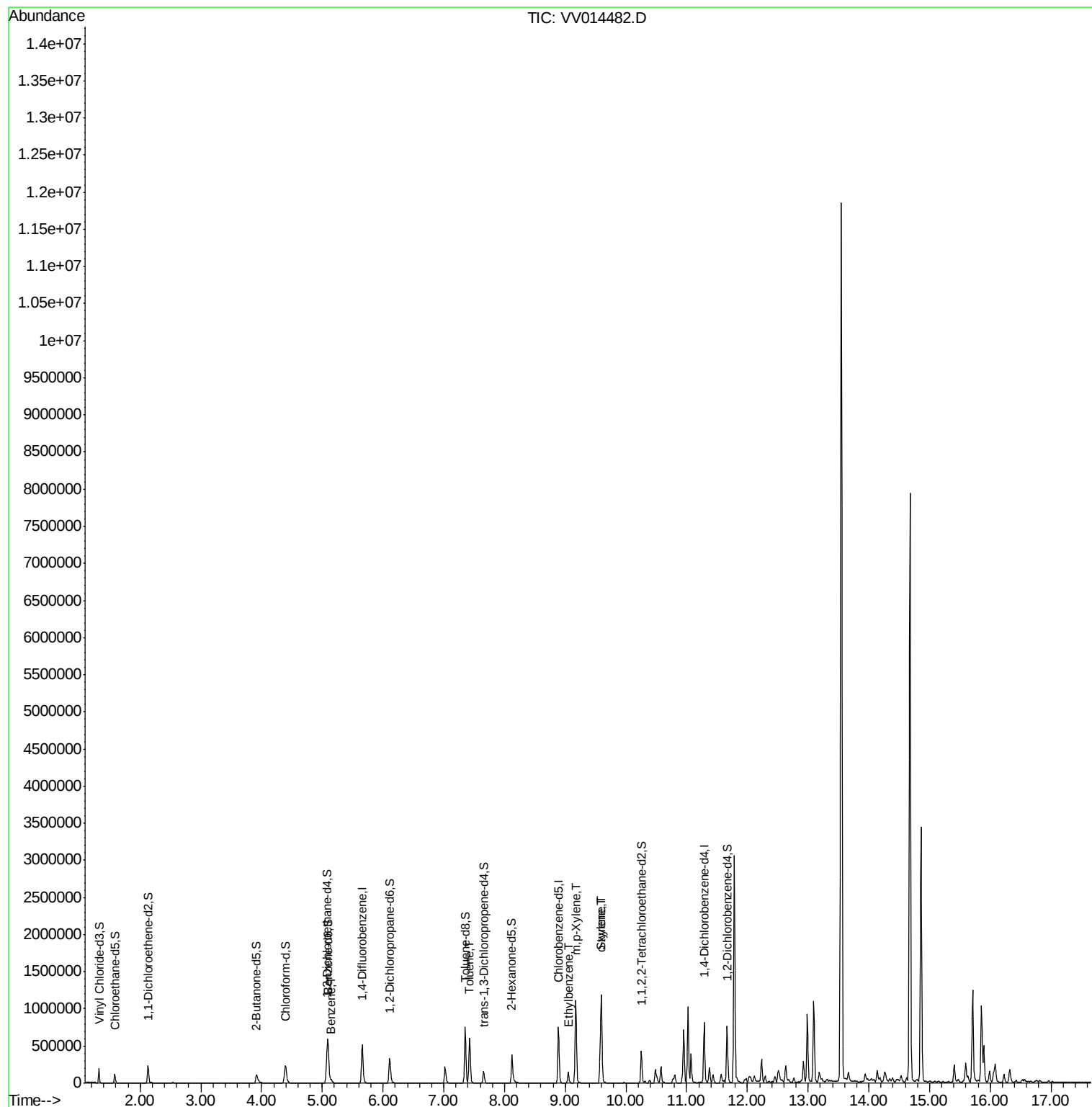
					Ovalue
33) Benzene	5.14	78	41455	3.410	ug/L 100
42) Toluene	7.42	91	431026	33.865	ug/L 98
52) Ethylbenzene	9.05	91	108377	7.587	ug/L 97
53) m,p-Xylene	9.17	106	310493	58.209	ug/L 98
54) o-xylene	9.58	106	131245	24.831	ug/L 98
55) Styrene	9.60	104	507666	57.232	ug/L 98

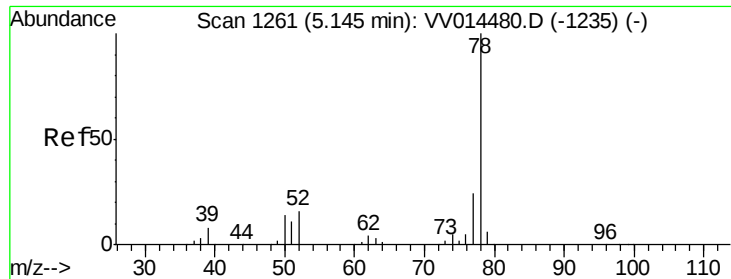
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 04 04:44:38 2020
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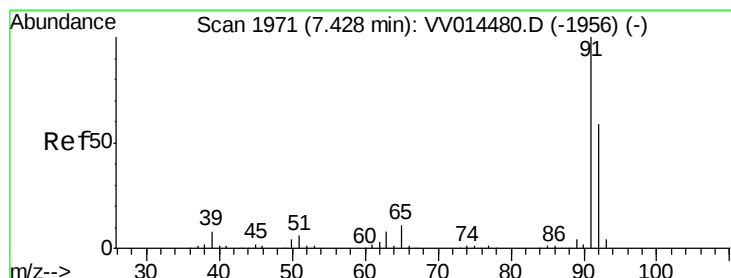
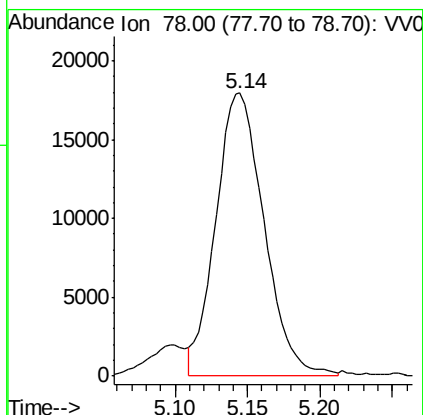
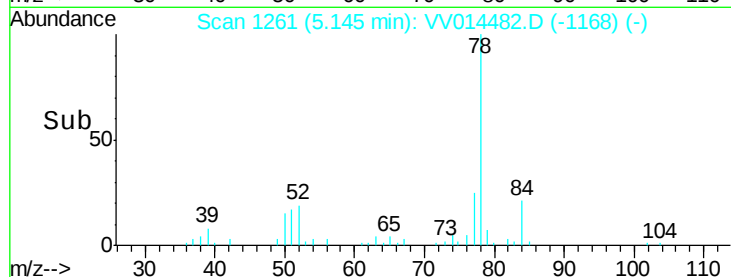
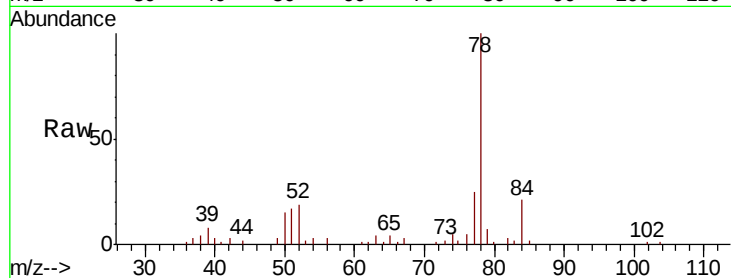




#33
Benzene
Concen: 3.410 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

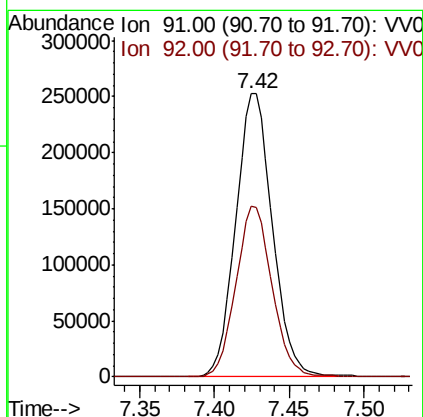
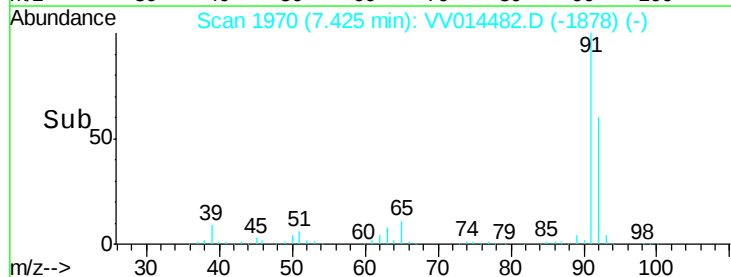
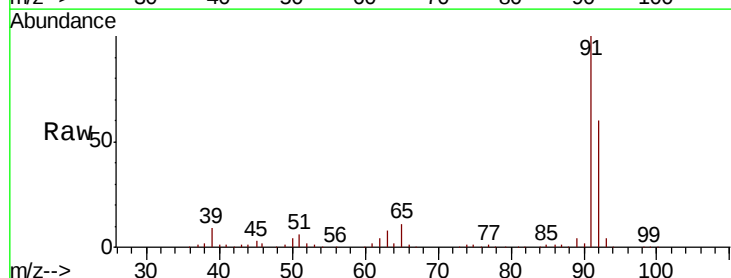
Instrument :
MSVOA_V
ClientSampleID :
GAT49DL

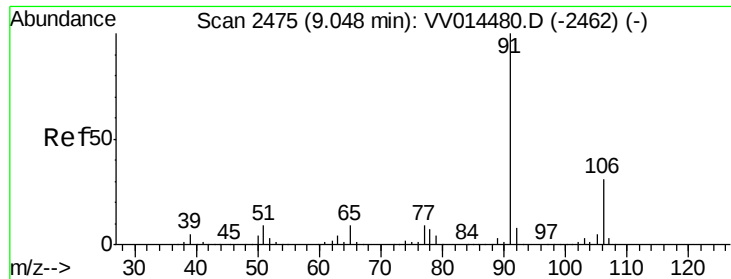
Tgt Ion: 78 Resp: 41455



#42
Toluene
Concen: 33.865 ug/L
RT: 7.42 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

Tgt Ion: 91 Resp: 431026
Ion Ratio Lower Upper
91 100
92 60.2 41.0 76.2





#52

Ethylbenzene

Concen: 7.587 ug/L

RT: 9.05 min Scan# 2475

Delta R.T. 0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

Instrument :

MSVOA_V

ClientSampled :

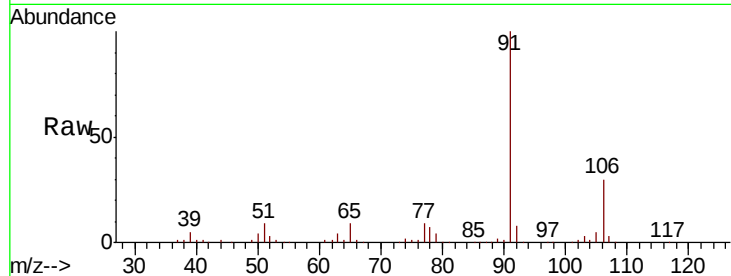
GAT49DL

Tot Ion: 91 Resp: 108377

Ion Ratio Lower Upper

91 100

106 29.6 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV014482.D (-2382) (-)

Ion 106.00 (105.70 to 106.70): VV014482.D (-2382) (-)

400000

300000

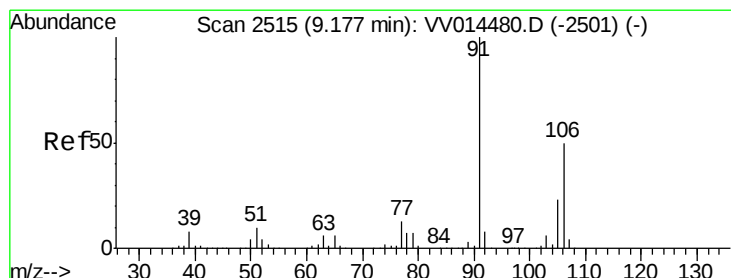
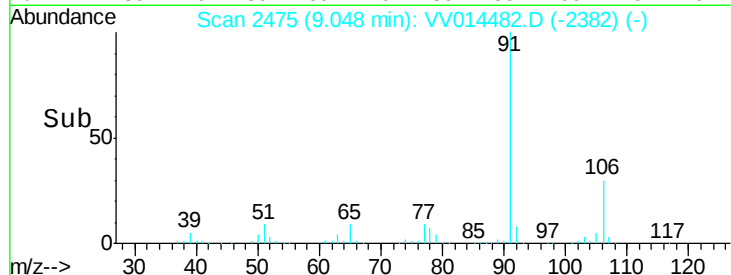
200000

100000

0

9.00 9.05 9.10 9.15

Time-->



#53

m,p-Xylene

Concen: 58.209 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. -0.00 min

Lab File: VV014482.D

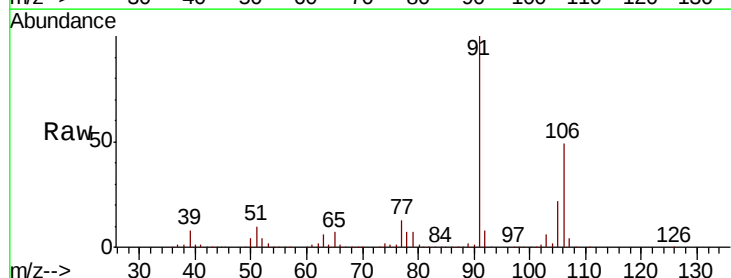
Acq: 03 Feb 2020 11:53

Tgt Ion: 106 Resp: 310493

Ion Ratio Lower Upper

106 100

91 205.0 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): VV014482.D (-2422) (-)

Ion 91.00 (90.70 to 91.70): VV014482.D (-2422) (-)

400000

300000

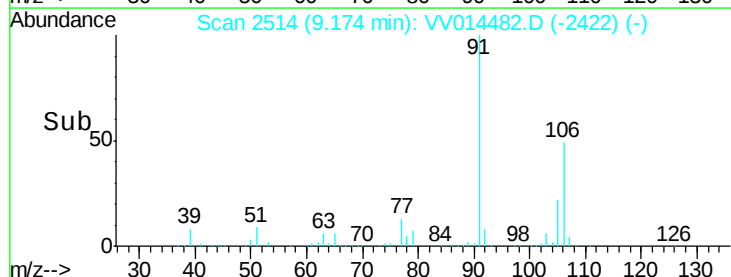
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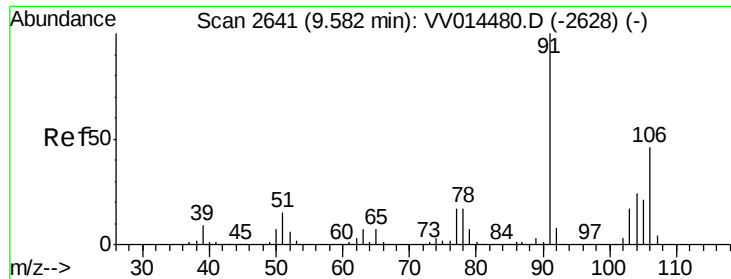
100000

0

9.10 9.15 9.20 9.25

Time-->

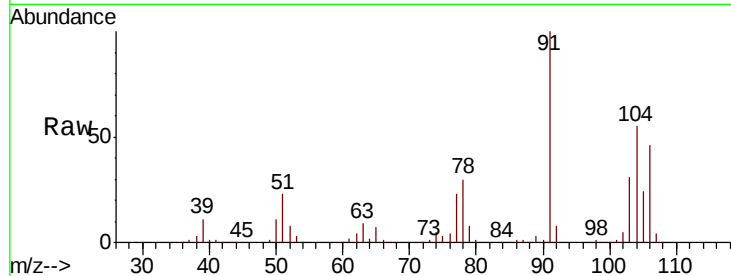




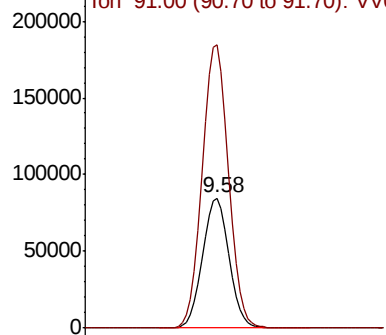
#54
o-xylene
Concen: 24.831 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

Instrument :
MSVOA_V
ClientSampleId :
GAT49DL

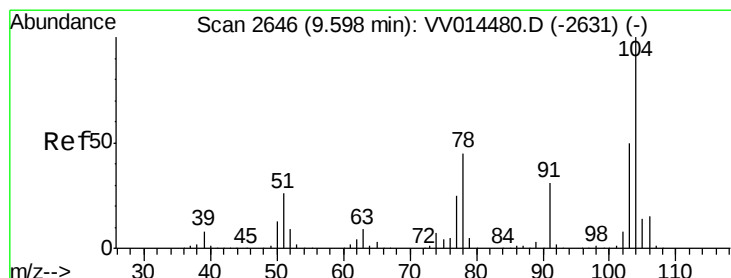
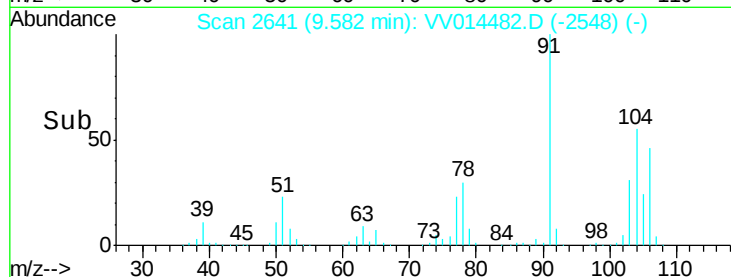
Tot Ion:106 Resp: 131245
Ion Ratio Lower Upper
106 100
91 217.5 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

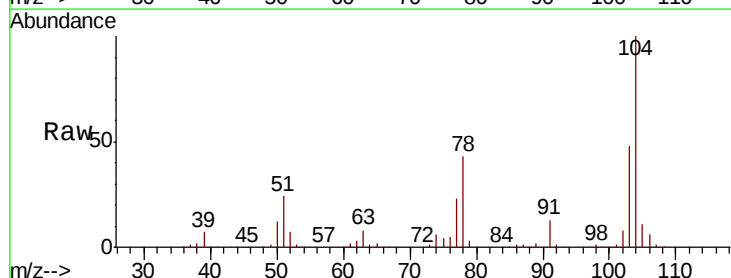


Time-->

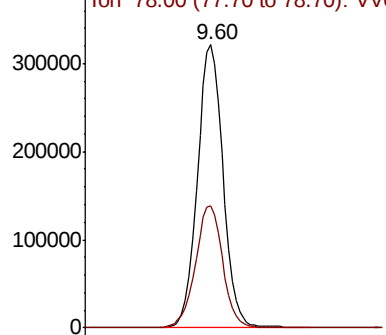


#55
Styrene
Concen: 57.232 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

Tgt Ion:104 Resp: 507666
Ion Ratio Lower Upper
104 100
78 43.1 31.3 58.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0



Time-->

