

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014462.D
 Acq On : 31 Jan 2020 20:11
 Operator : SY/MD
 Sample : L1324-04 20X
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT61

Quant Time: Feb 15 03:19:06 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	436682	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	405214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	196968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99980	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.58	69	71203	47.22	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.13	63	114851	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	3.92	46	170987	104.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	4.40	84	231953	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.08	65	150882	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.10	84	505289	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.11	67	160290	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.36	98	467706	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.66	79	81604	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	8.12	63	145072	109.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.84%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	205099	47.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	176198	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

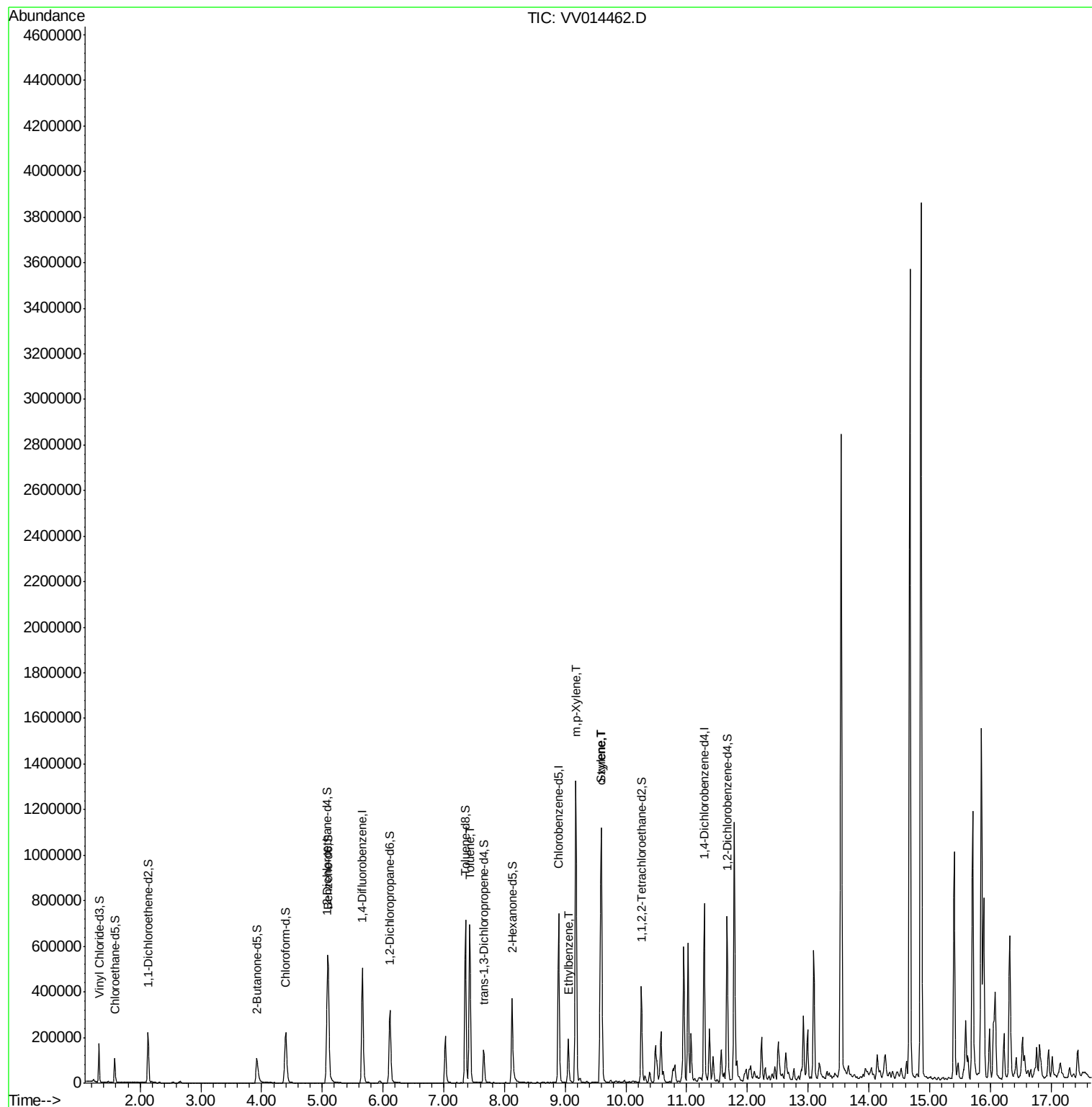
					Ovalue
42) Toluene	7.43	91	500084	39.955	ug/L 100
52) Ethylbenzene	9.05	91	136762	9.736	ug/L 98
53) m,p-Xylene	9.17	106	370201	70.575	ug/L 97
54) o-xylene	9.58	106	167523	32.231	ug/L 99
55) Styrene	9.60	104	436969	50.094	ug/L 99

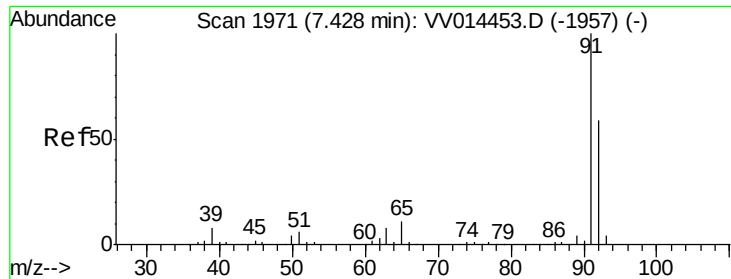
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#42

Toluene

Concen: 39.955 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014462.D

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MSVOA_V

ClientSampleId :

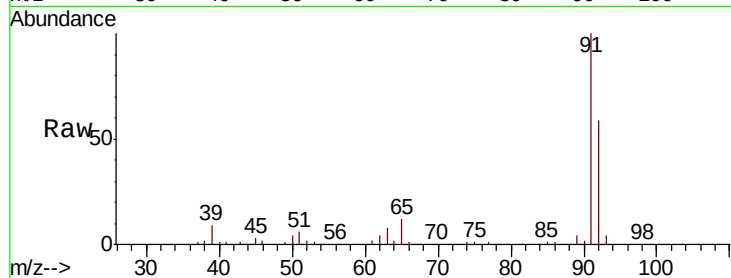
GAT61

Tot Ion: 91 Resp: 500084

Ion Ratio Lower Upper

91 100

92 58.9 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.43

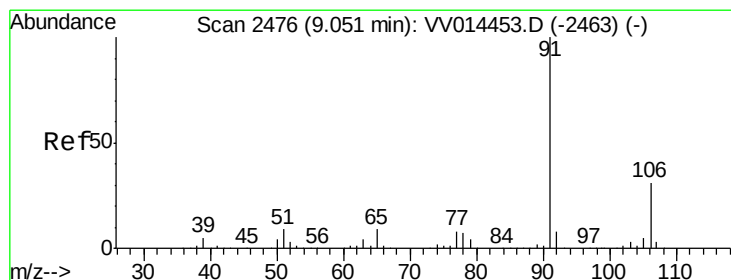
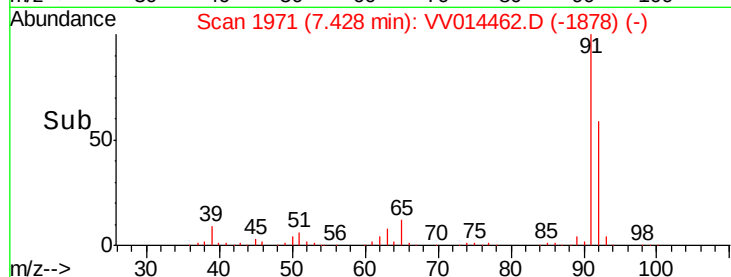
300000

200000

100000

0

Time-->



#52

Ethylbenzene

Concen: 9.736 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014462.D

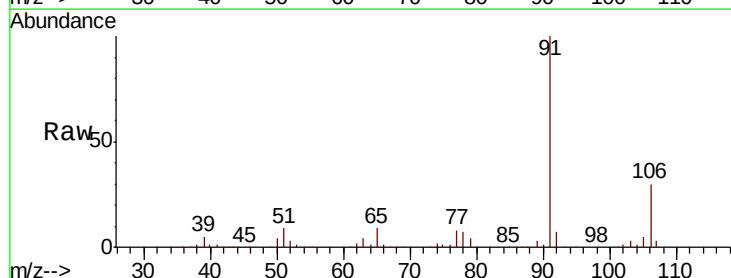
Acq: 31 Jan 2020 20:11

Tgt Ion: 91 Resp: 136762

Ion Ratio Lower Upper

91 100

106 30.1 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

500000

400000

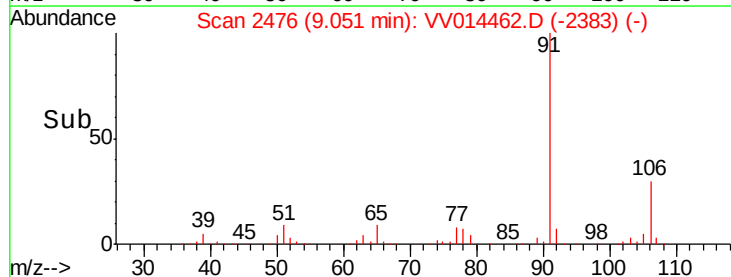
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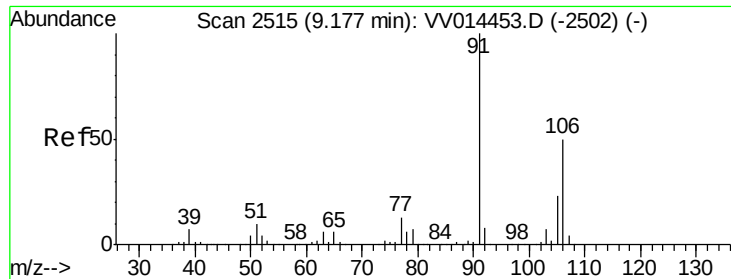
200000

100000

0

Time-->

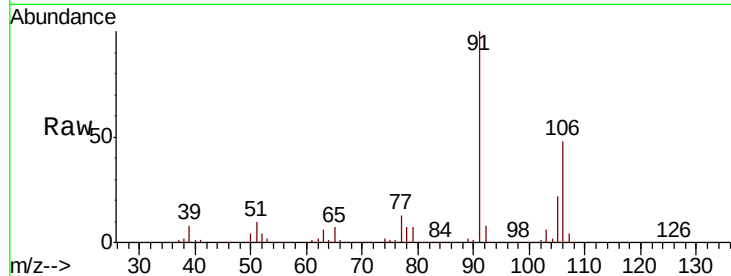




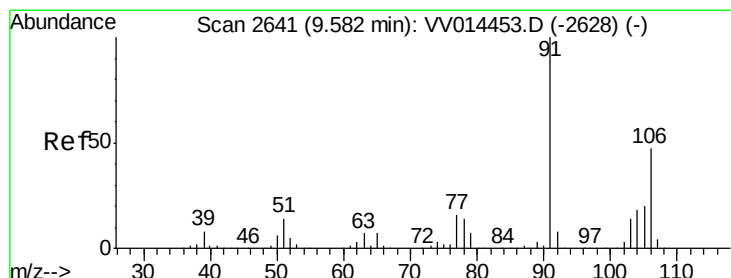
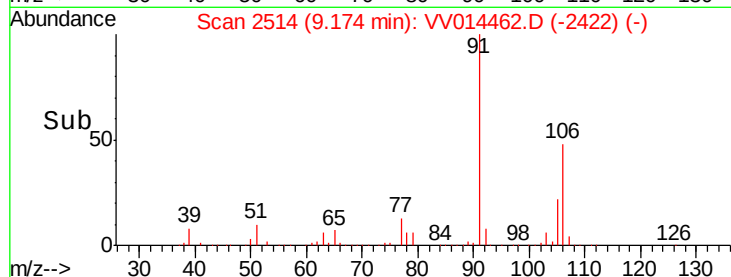
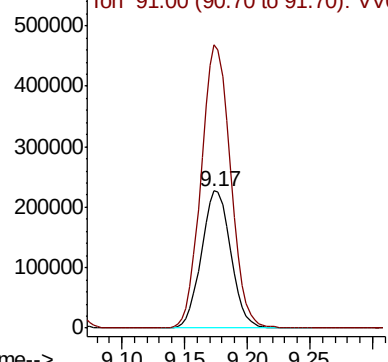
#53
m,p-Xylene
Concen: 70.575 ug/L
RT: 9.17 min Scan# 2514
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Instrument :
MSVOA_V
ClientSampleId :
GAT61

Tot Ion:106 Resp: 370201
Ion Ratio Lower Upper
106 100
91 206.4 140.9 261.7

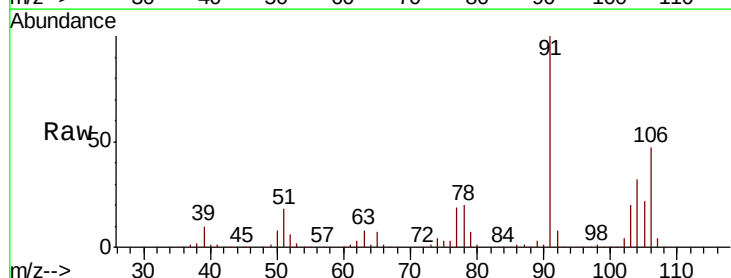


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

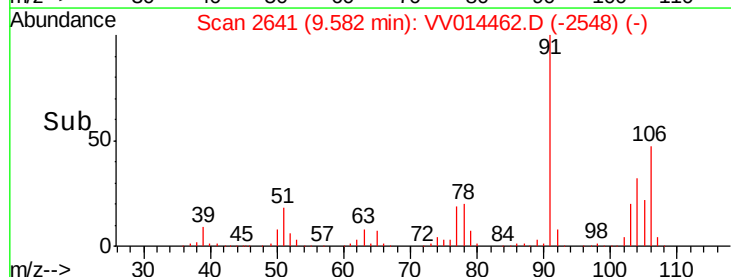
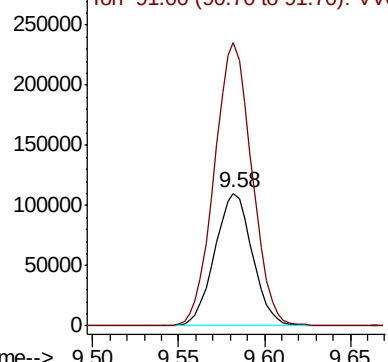


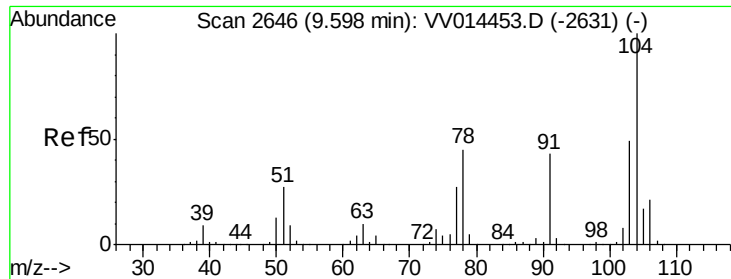
#54
o-xylene
Concen: 32.231 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014462.D
Acq: 31 Jan 2020 20:11

Tgt Ion:106 Resp: 167523
Ion Ratio Lower Upper
106 100
91 213.1 150.4 279.2



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





#55

Stvrene

Concen: 50.094 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV014462.D

Acq: 31 Jan 2020 20:11

Instrument :
MSVOA_V
ClientSampleId :
GAT61

Tot Ion:104 Resp: 436969

Ion Ratio Lower Upper

104 100

78 45.4 31.3 58.1

