

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014461.D
 Acq On : 31 Jan 2020 19:48
 Operator : SY/MD
 Sample : L1324-17 5X
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT72

Quant Time: Feb 15 04:21:03 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	423841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	404244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96833	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.28%
7) Chloroethane-d5	1.57	69	61612	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	106064	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	3.92	46	157382	99.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.37%
24) Chloroform-d	4.40	84	216653	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
26) 1,2-Dichloroethane-d4	5.08	65	141026	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.09	84	468197	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
36) 1,2-Dichloropropane-d6	6.11	67	148314	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.35	98	449058	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	76820	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
47) 2-Hexanone-d5	8.13	63	140332	106.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.51%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	200220	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.67	152	180528	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

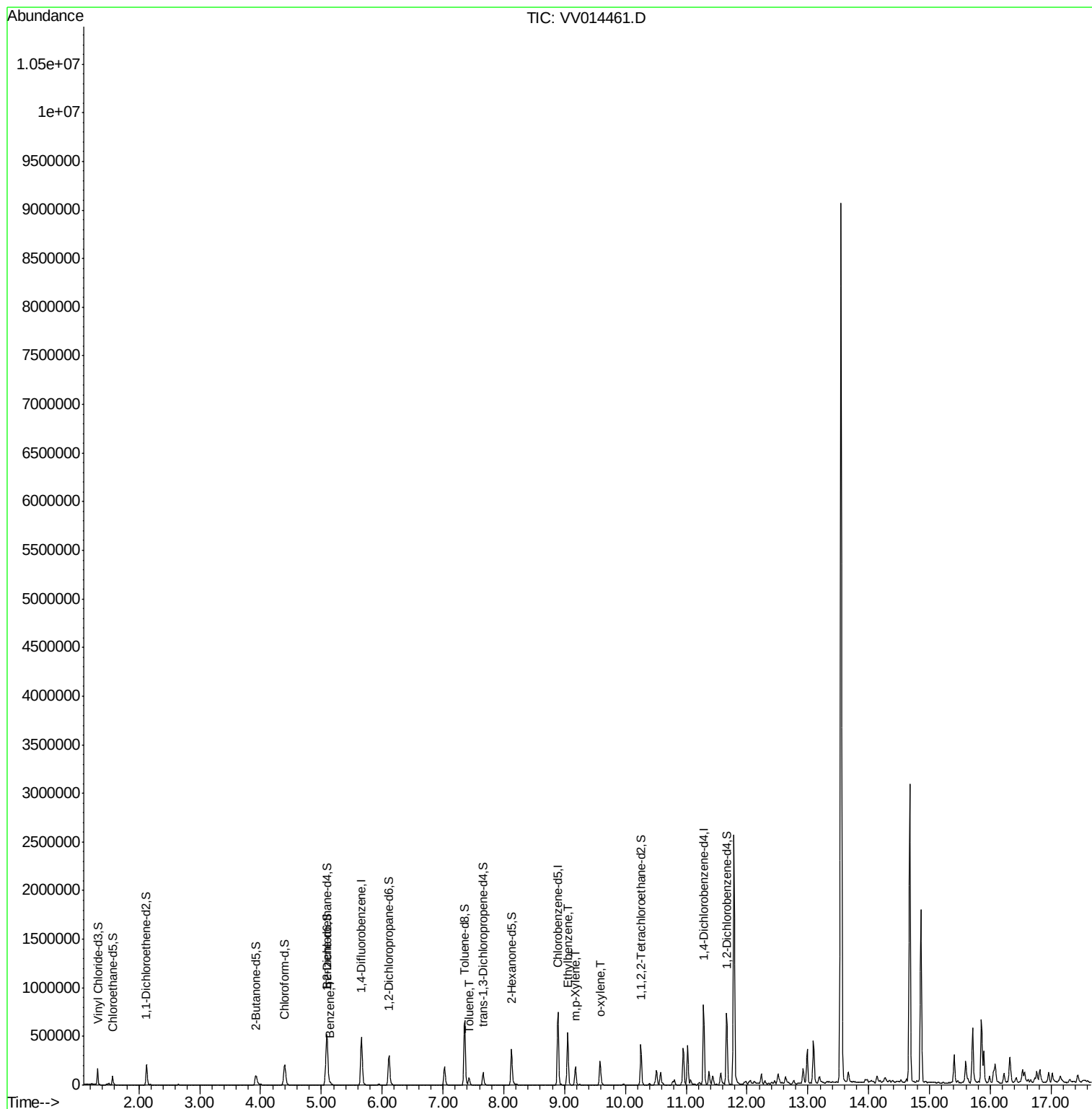
					Ovalue
33) Benzene	5.15	78	16263	1.363 ug/L	100
42) Toluene	7.43	91	51277	4.107 ug/L	99
52) Ethylbenzene	9.05	91	379283	27.064 ug/L	100
53) m,p-Xylene	9.18	106	55638	10.632 ug/L	99
54) o-xylene	9.58	106	64779	12.493 ug/L	98

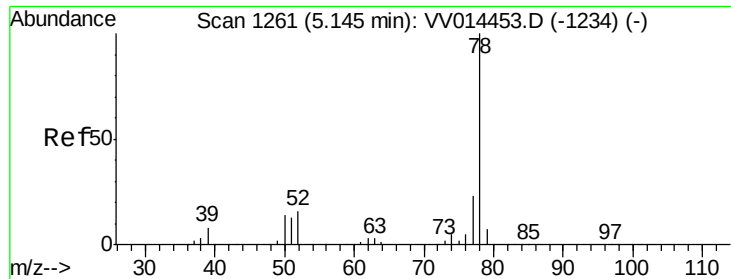
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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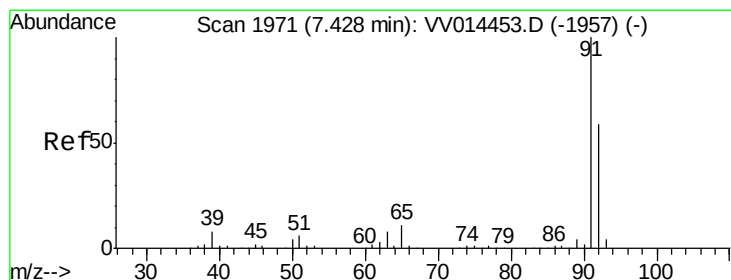
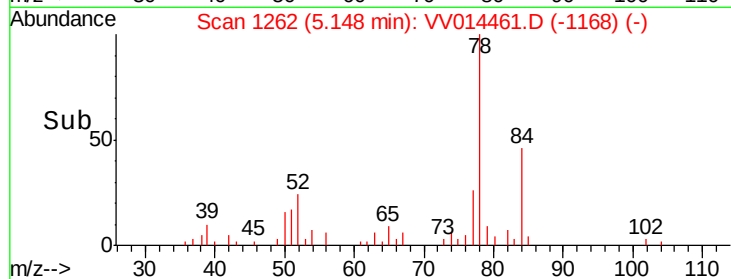
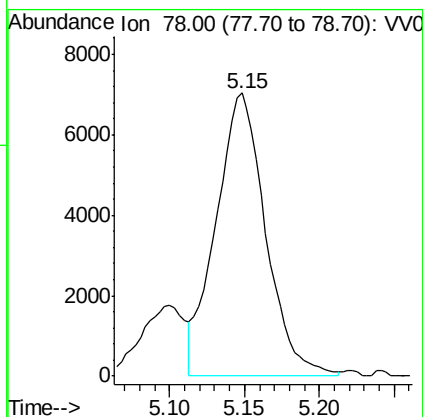
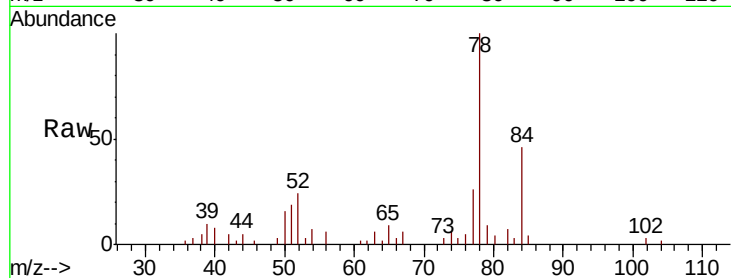




#33
Benzene
Concen: 1.363 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

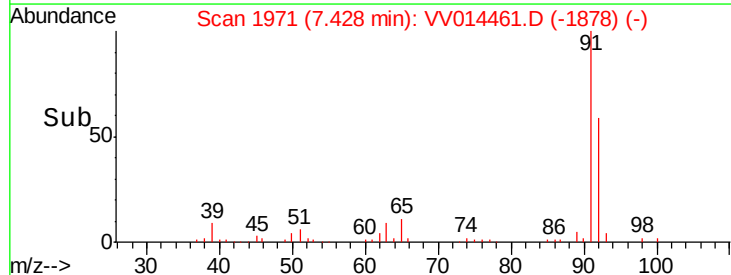
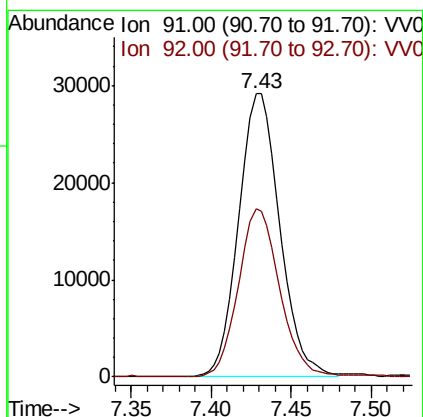
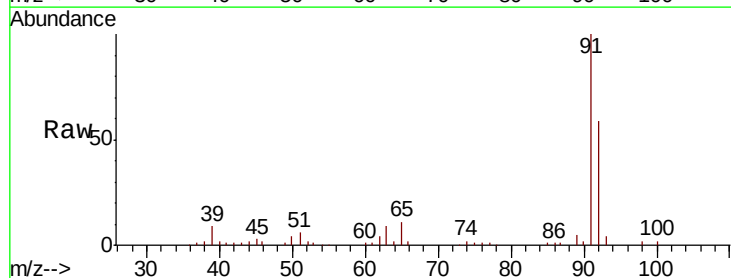
Instrument :
MSVOA_V
ClientSampleId :
GAT72

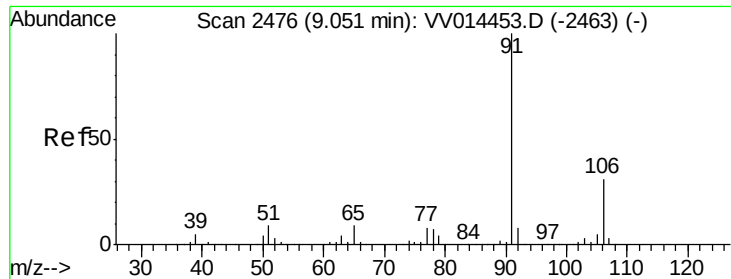
Tgt Ion: 78 Resp: 16263



#42
Toluene
Concen: 4.107 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

Tgt Ion: 91 Resp: 51277
Ion Ratio Lower Upper
91 100
92 59.2 41.0 76.2





#52

Ethylbenzene

Concen: 27.064 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014461.D

Acq: 31 Jan 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

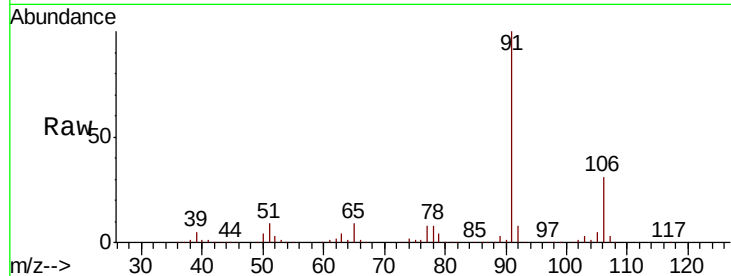
GAT72

Tot Ion: 91 Resp: 379283

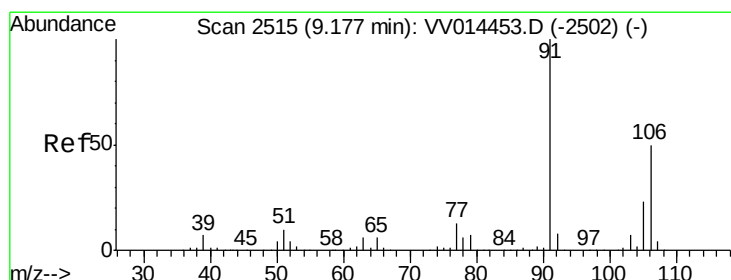
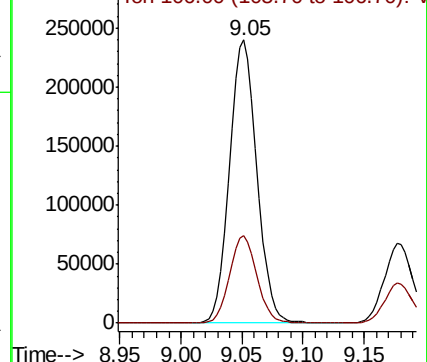
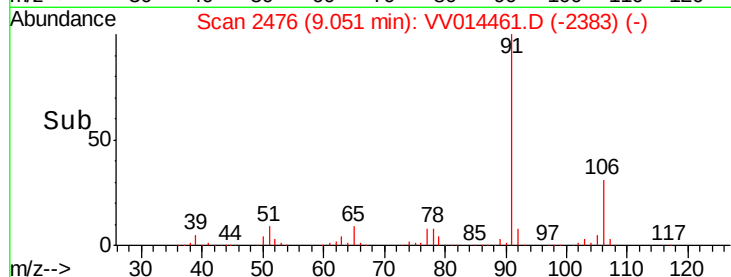
Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV014461.D (-2383) (-)



#53

m,p-Xylene

Concen: 10.632 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014461.D

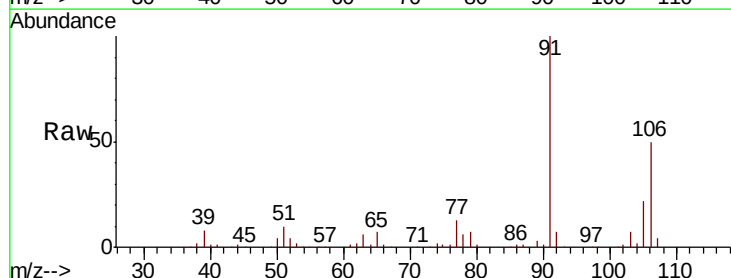
Acq: 31 Jan 2020 19:48

Tgt Ion: 106 Resp: 55638

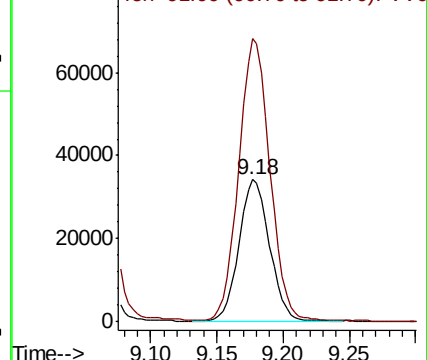
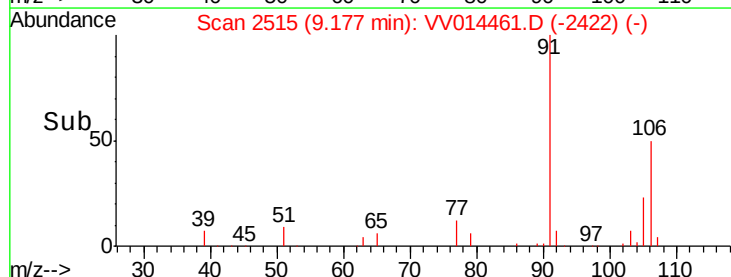
Ion Ratio Lower Upper

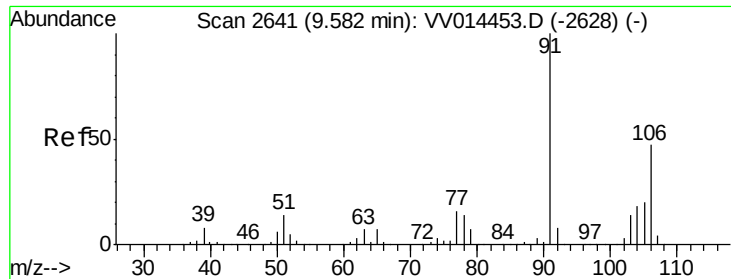
106 100

91 199.4 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): VV014461.D (-2422) (-)





#54
 o-xylene
 Concen: 12.493 ug/L
 RT: 9.58 min Scan# 2641
 Delta R.T. -0.00 min
 Lab File: VV014461.D
 Acq: 31 Jan 2020 19:48

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT72

Tot Ion:106 Resp: 64779
 Ion Ratio Lower Upper
 106 100
 91 217.4 150.4 279.2

