

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016738.D
 Acq On : 09 Jun 2020 23:34
 Operator : SY/MD
 Sample : L2914-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D96

Quant Time: Jun 10 05:23:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356962	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88957	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.64%
7) Chloroethane-d5	1.55	69	67917	44.94	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.11	63	125494	29.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.34%#
21) 2-Butanone-d5	3.89	46	188256	100.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	4.37	84	226563	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.05	65	162778	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.07	84	428243	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.09	67	138811	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.34	98	376646	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%
43) trans-1,3-Dichloropropene-	7.64	79	64245	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.08%
47) 2-Hexanone-d5	8.11	63	124242	94.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190943	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	167995	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

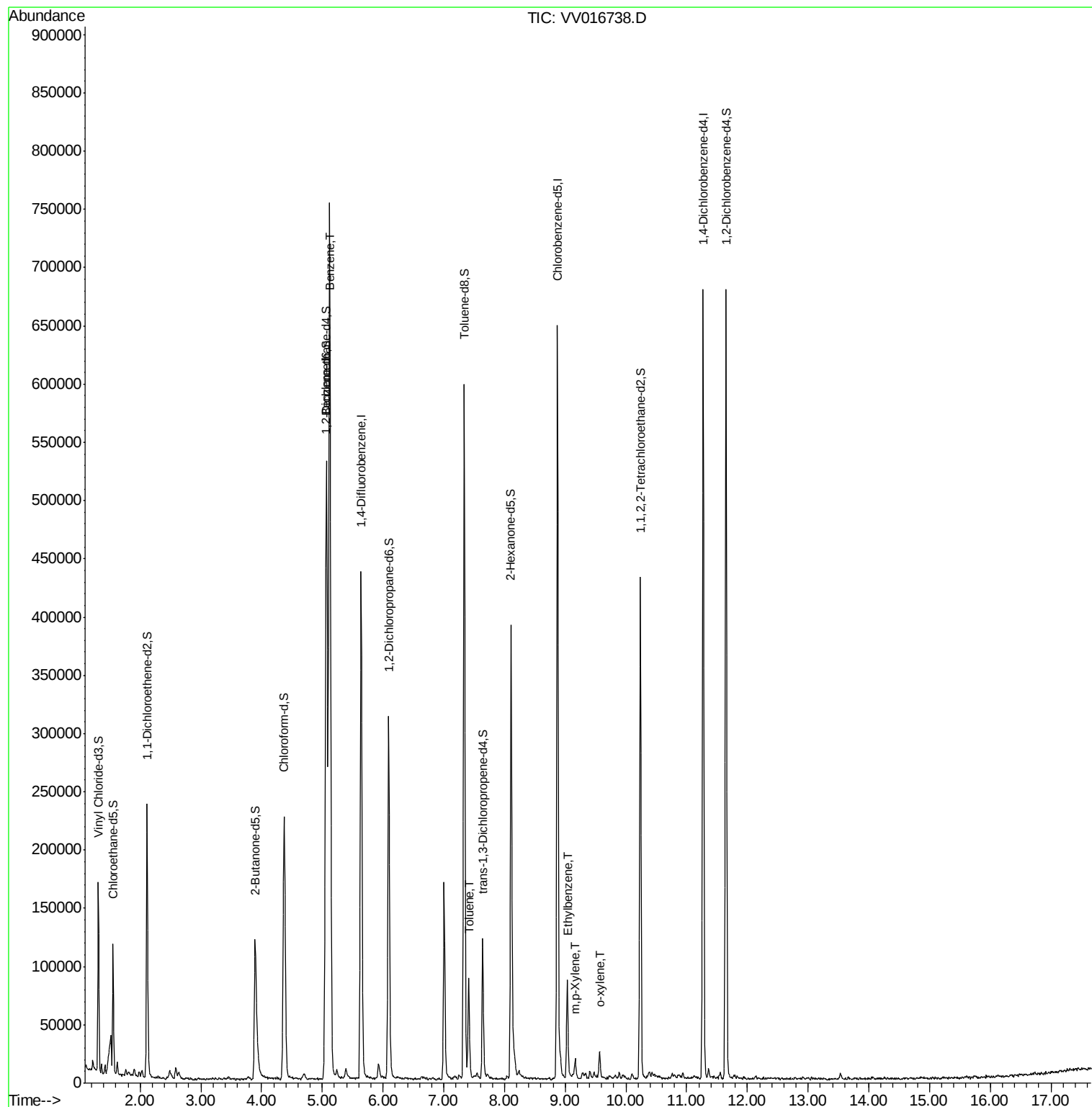
					Ovalue
33) Benzene	5.12	78	726900	73.453	ug/L 100
42) Toluene	7.41	91	58814	5.638	ug/L 97
52) Ethylbenzene	9.04	91	56774	4.913	ug/L 97
53) m,p-Xylene	9.17	106	4237	0.985	ug/L 94
54) o-xylene	9.57	106	6225	1.467	ug/L 93

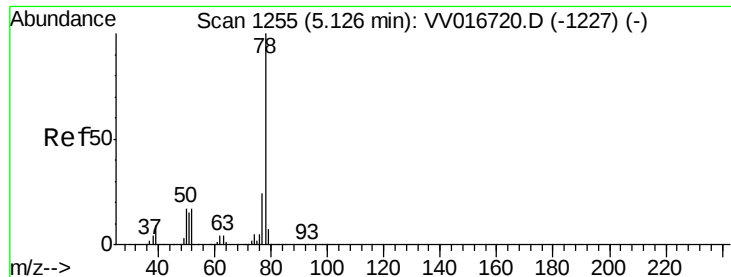
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 73.453 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

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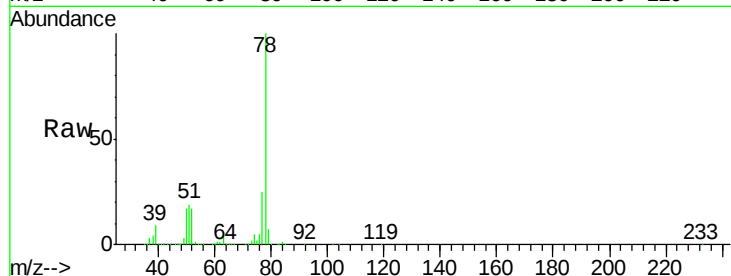
Instrument :

MSVOA_V

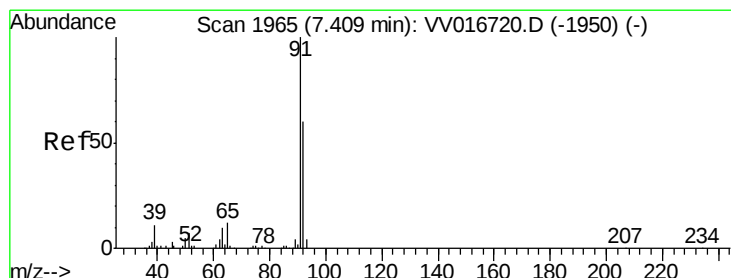
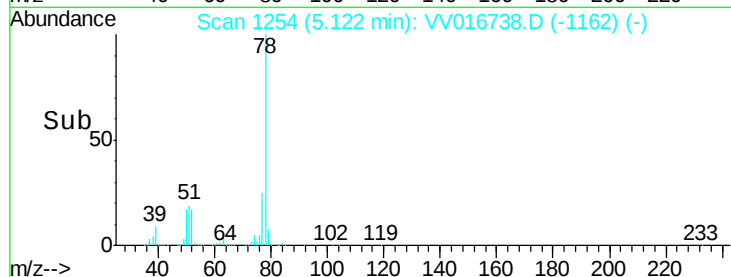
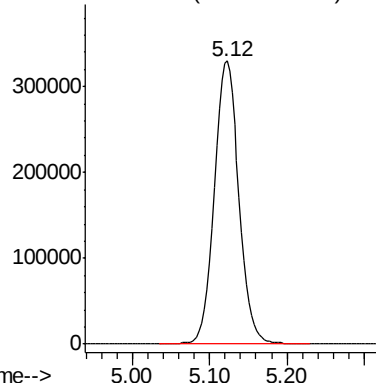
ClientSampleId :

F9D96

Tgt Ion: 78 Resp: 726900



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 5.638 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

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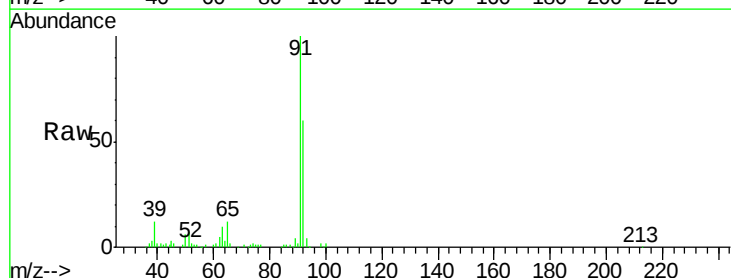
Acq: 09 Jun 2020 23:34

Tgt Ion: 91 Resp: 58814

Ion Ratio Lower Upper

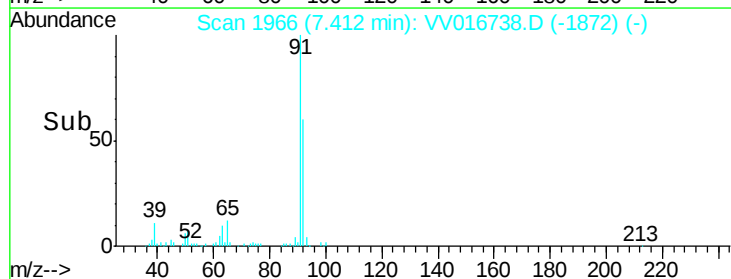
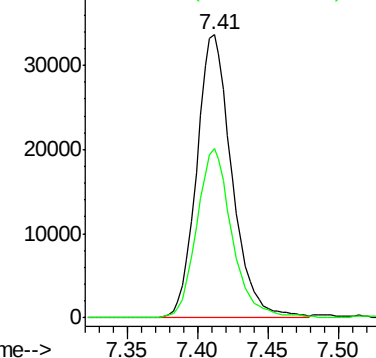
91 100

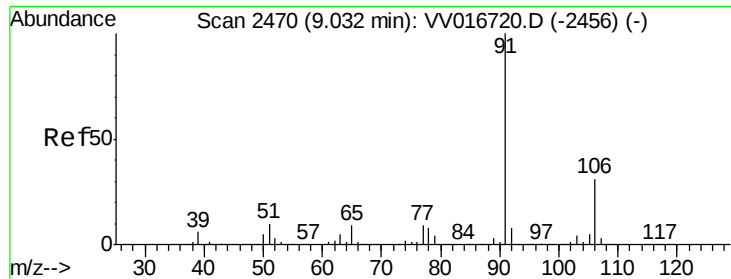
92 59.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 4.913 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016738.D

Acq: 09 Jun 2020 23:34

Instrument :

MSVOA_V

ClientSampleId :

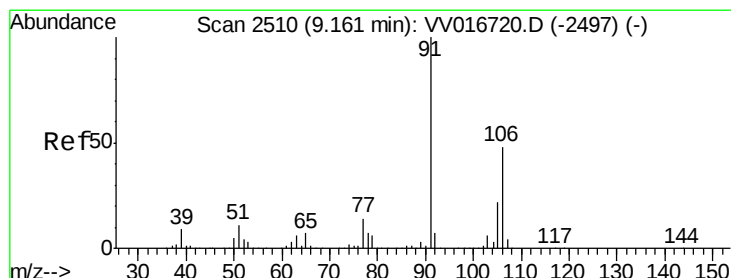
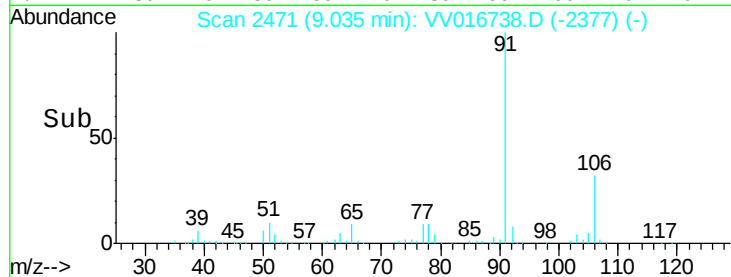
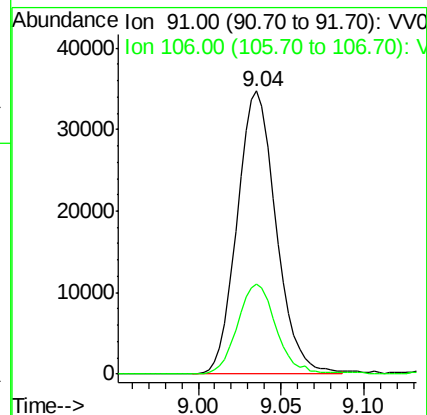
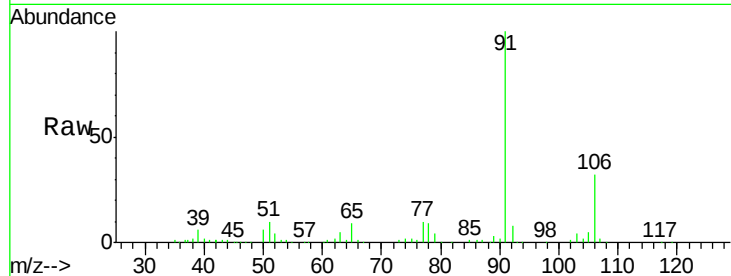
F9D96

Tot Ion: 91 Resp: 56774

Ion Ratio Lower Upper

91 100

106 31.9 21.1 39.1



#53

m,p-Xylene

Concen: 0.985 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016738.D

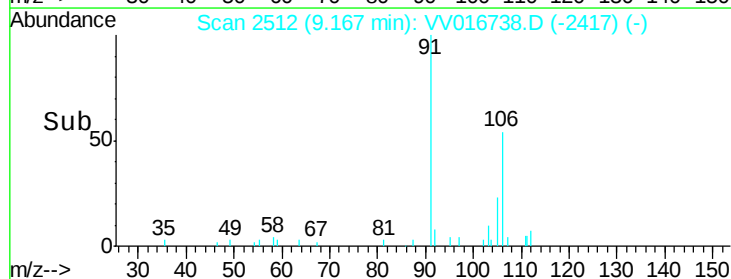
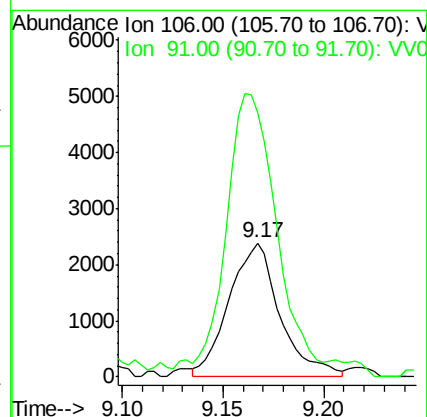
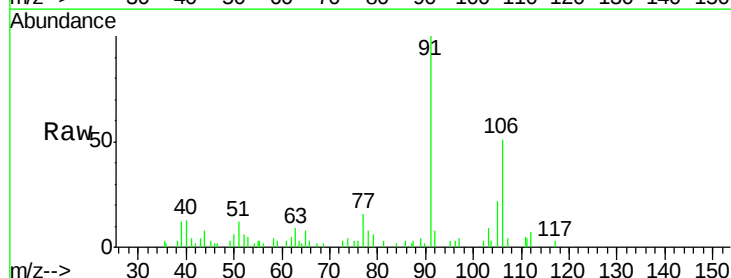
Acq: 09 Jun 2020 23:34

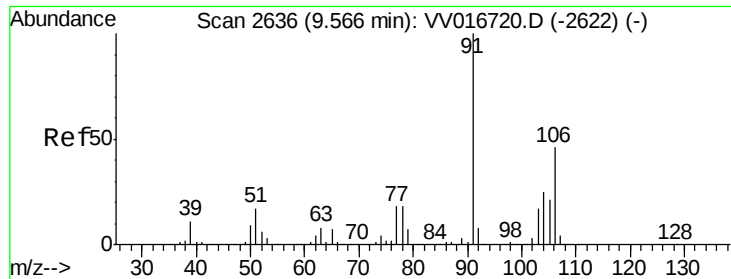
Tgt Ion: 106 Resp: 4237

Ion Ratio Lower Upper

106 100

91 197.7 144.6 268.6





#54
 o-xylene
 Concen: 1.467 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. -0.00 min
 Lab File: VV016738.D
 Acq: 09 Jun 2020 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D96

Tot Ion:106 Resp: 6225
 Ion Ratio Lower Upper
 106 100
 91 211.5 155.9 289.5

